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GRADUATE CATALOG

Graduate Catalog
2019-2020

Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

Office of Graduate Studies
320 Bibb Graves Hall
Telephone: (256) 782-5348
FAX: (256) 782-5321
E-Mail: graduate@jsu.edu
www.jsu.edu/graduate/ (http://www.jsu.edu/graduate/)

Jacksonville State University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award master's, education specialist, and doctoral degrees.

Southern Association of Colleges and Schools Commission on Colleges
1866 Southern Lane
Decatur, GA 30033-4097
Telephone: 404-679-4500
http://www.sacscoc.org

Specific areas within JSU are also accredited by national accrediting agencies; the names and addresses of those agencies are listed below.

AACSB International - The Association to Advance Collegiate Schools of Business
777 South Harbour Island Blvd, Suite 750
Tampa, FL 33602
Telephone: (813) 769-6500

Accreditation Council for Education in Nutrition and Dietetics
120 South Riverside Plaza, Suite 2190
Chicago, IL 60606
Telephone: (800) 877-1600

Alabama State Department of Education
50 North Ripley Street
P.O. Box 302101
Montgomery, Alabama 36104
Telephone: (334) 242-9700

American Association of Family and Consumer Sciences
400 N. Columbus Street, Suite 202
Alexandria, VA 22314
Telephone: (703) 706-4600

Association for Behavior Analysis International Accreditation Board
550 W. Centre Ave
Portage, MI 49024
Telephone: (269) 492-9310

The Association of Technology, Management, and Applied Engineering
3810 Lake Boone Trail, Suite 190
Raleigh, NC 27607
Telephone: (919) 635-8335

Commission on Accreditation for Law Enforcement Agencies, Inc.
13575 Heathcote Boulevard, Suite 320
Gainesville, Virginia 20155
Telephone: (703) 352-4225

Commission on Collegiate Nursing Education
655 K Street NW, Suite 750
Washington, DC 20001
Telephone: (202) 887-6791

Computing Accreditation Commission of ABET, Inc.
415 North Charles Street
Baltimore, MD 21201
Telephone: (410) 347-7700

Council for Accreditation of Counseling and Related Educational Programs
1001 North Fairfax Street, Suite 510
Alexandria, VA 22314
Telephone: (703) 535-5990

Council on Social Work Education
1701 Duke Street, Suite 200
Alexandria, VA 22314-3457
Telephone: (703) 683-8080

National Association of Public Affairs and Administration
1029 Vermont Ave. NW, Suite 1100
Washington, DC 20005-3517
Telephone: (202) 628-8965

National Association of Schools of Art and Design
11250 Roger Bacon Drive, Suite 21
Reston, VA 20190
Telephone: (703) 437-0700

National Association of Schools of Music
11250 Roger Bacon Drive, Suite 21
Reston, VA 20190
Telephone: (703) 437-0700

National Association of Schools of Theatre
11250 Roger Bacon Drive, Suite 21
Reston, VA 20190
Telephone: (703) 437-0700

National Council for Accreditation of Teacher Education/CAEP
1140 19th Street, Suite 400
Washington, DC 20036
Telephone: (202) 223-0077
ABOUT JSU

Board of Trustees

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<td>President Ex Officio</td>
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<td>First</td>
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<td>Ms. Gale Saxon Main</td>
<td>Second</td>
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<tr>
<td>Mr. Greg Brown</td>
<td>Third</td>
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<td>Mr. Anthony Smoke</td>
<td>Third</td>
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<td>Mr. Clarence W. Daugette III</td>
<td>Fourth</td>
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<td>Mr. Rusty Fuller</td>
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History of Jacksonville State University

From modest beginnings, Jacksonville State University has evolved into the educational center of Northeast Alabama. The Alabama Legislature in the 1882-83 session created a state normal school when Governor Edward O'Neal signed into law a bill creating the school on February 22, 1883. Jacksonville State Normal School acquired the facilities and equipment of Calhoun College, consisting of twelve acres of land and a two-story brick building. The Board of Directors elected James G. Ryals, Jr., as the first president. The school opened with three instructors: W. J. Borden, mathematics; Eliza A. Bowen, English; and Ida J. Woodward, primary department.

As stipulated in the establishing act, the Normal School conducted a preparatory school for children of the town and surrounding areas. At the end of the first year, on August 15, 1884, William Mark Haymes, President of the Board of Directors, reported that funds totaling $4,751.25 had been received, including $2,500 from the state, that 25 students were enrolled in the normal school, and that 222 were in the preparatory school.

The Normal School remained in operation until 1930 when it became Jacksonville State Teachers College, reflecting an increasing higher education role for the institution. Five years later, the college earned regional accreditation from the Southern Association of Colleges and Schools. In 1957, the name again changed, to Jacksonville State College, when the first graduate program, the master's degree in elementary education, was created. On August 2, 1966, the Legislature authorized the State Board of Education to elevate the college to university status. On August 17, 1967, the Legislature established an independent board of trustees for the university and divested jurisdiction from the State Board of Education.

Jacksonville State University has been served by twelve presidents:

1. James G. Ryals, Jr. (1883-85)
2. J. Harris Chappell (1885-86)
3. Carlton Bartlett Gibson (1886-92)
4. J.B. Jarrett (1892-1893)
5. Jacob Forney IV (1893-1899)
6. Clarence William Daugette (1899-1942)
12. John M. Beehler (2015-present)

Jacksonville State University has evolved into a modern comprehensive regional university serving Northeast Alabama on a campus comprised of over 464 acres of land and approximately 2.5 million square feet of facilities. Through its programs of teaching, research and service, Jacksonville State University has served the region and state for more than 135 years.

Mission Statement

Jacksonville State University, as a learning-centered community, provides distinctive educational, cultural and social experiences to prepare students to be competent, ethical professionals and engaged, responsible, global citizens.

Vision Statement

Jacksonville State University will be recognized nationally for excellence in providing a transformational learning environment that supports student success and engagement, regional stewardship and innovation.

Core Values

Jacksonville State University is committed to:

- Student-Centered Culture
- Excellence
- Transformation
- Innovation
- Engagement
- Stewardship
- Integrity
- Inclusivity

Key Strategic Initiatives

1. Increase Enrollment
2. Expand Regional Stewardship
3. Enhance University Resources
4. Expand Innovative Educational Experiences
5. Enhance Branding and Marketing
6. Enhance Human Capital
7. Enhance University Infrastructure

Please visit the Jacksonville State University 2017-2021 Strategic Plan (http://www.jsu.edu/president/strategic_planning.html) website for more information.
Graduate Programs A-Z

Minimum requirements for graduation vary among degrees and majors. There is a program section in this Graduate Catalog for each major and concentration. These program sections clearly outline the admission requirements, curriculum, and graduation requirements for each program.

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GRADUATE ADMISSIONS

Admission to Graduate Studies

Applicants must meet admission requirements for the program to which they are applying. For specific requirements of a particular program, see the appropriate program sections of this catalog.

To apply for admission to Graduate Studies, a prospective student must complete an online Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/) and pay the non-refundable $35 application fee. Applications must be submitted with payment by Discover, MasterCard, or VISA.

Applications will be valid for a period of two years. Anyone wishing to reapply after the two-year period must submit a new graduate admission application, along with the non-refundable $35 application fee, and comply with new admission criteria, where appropriate. This will include any returning students who have previously completed a graduate degree or certificate program.

Applicants who wish to transfer to JSU and be accepted into a graduate degree or certificate program must be in good academic standing at their current institution and meet the admission requirements for the program to which they have applied.

If a student wishes to pursue more than one graduate degree or graduate certificate at a given time, the student must contact the Director of Graduate Studies for approval prior to application.

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Application Deadlines

The general deadline dates for applications and receipt of all required application materials are July 1 for fall admission, November 1 for spring admission, and April 1 for summer admission.

For most programs, though, the Office of Graduate Studies will continue to accept and process applications up until classes begin in a given semester; however, Graduate Studies cannot guarantee an admission decision in time to start classes that semester for applications received after the deadlines.

Several programs have earlier, firm deadlines; therefore, applicants should see the catalog sections of the individual programs for complete, program-specific information.

First time enrollees must seek immediate advisement to register for classes and will continue contact with their assigned advisors throughout the program.

Application Procedures for All Students

To be considered for admission to a master’s, education specialist, doctoral, or graduate certificate program, applicants must hold a degree from a regionally accredited institution or its foreign equivalent. (Please review the Graduate Certificate Disclosure (http://www.jsu.edu/graduate/disclosure.html) information.)

The Director of Graduate Studies will make the final decision regarding a student’s application for admission to graduate studies at JSU.

Specific admission criteria can be found in each individual program section of this catalog, and all required application materials must be submitted to:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Additional items may be required by programs, such as Graduate Reference Forms; official test scores on the Graduate Management Admission Test (GMAT), General Test of the Graduate Record Examination (GRE), or the Miller Analogies Test (MAT); valid professional educator certificates; background checks; resumes; etc. A complete list of all required application items for a given program can be found in each individual program section of this catalog.
5. If English is not the applicant’s native language, the applicant is required to submit or complete one of the following items. This is not required for international students who have earned a bachelor’s or higher degree from a United States regionally accredited institution.
   a. An official Test of English as a Foreign Language (TOEFL) score report. A minimum score of 550 on the paper-based TOEFL, 213 on the computer-based TOEFL, or 79 on the internet-based TOEFL is required for admission.
   b. An official International English Language Testing System (IELTS) score report. A minimum score of 6.0 on the IELTS is required for admission.
   c. An official Pearson Test of English (PTE) score report. A minimum score of 66 on the PTE is required for admission.
   d. Or an official International Test of English Proficiency (iTEP) score report. A minimum score of 5.5 on the iTEP is required for admission.
   e. Alternatively, the applicant may successfully complete Level 4 of the Intensive English program at JSU’s English Language Institute (http://www.jsu.edu/eli/).
   f. Note: Students with degrees from the following countries, which have English as the official language, are exempted from the above tests: Antigua and Barbuda, Australia, Bahamas, Barbados, Belize, Bermuda, Canada (except Quebec), Fiji, Grenada, Guyana, Ireland, Jamaica, Kiribati, Marshall Islands, Micronesia, New
Jacksonville State University

Graduate Admissions

submitted to:

student’s application for admission to graduate studies at JSU.

The Director of Graduate Studies will make the final decision regarding a bachelor’s degree from a regionally accredited U.S. institution. Federal aid is not available to international students.

The Director of Graduate Studies will make the final decision regarding a student’s application for admission to graduate studies at JSU.

Specific admission criteria can be found in each individual program section of this catalog, and all required application materials must be submitted to:

Graduate Admissions
Jacksonville State University
700 Pelham Road North,
Jacksonville, Alabama 32265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official Degree Certificate/Diploma and Transcripts¹. Submit official bachelor’s degree certificate/diploma in issuing institution’s sealed envelope, AND submit complete and official college/university transcripts in issuing institution’s sealed envelope. These must be translated in English.
4. Copy of bank letter or bank statement showing a minimum balance of $30,500 (U.S. dollars). The letter or statement should bear the bank’s seal/stamp along with an authorized signature.
5. Submit a copy of passport.
6. If English is not the applicant’s native language, the applicant is required to submit or complete one of the following items. This is not required for international students who have earned a bachelor’s or higher degree from a United States regionally accredited institution.
   a. An official Test of English as a Foreign Language (TOEFL) score report. A minimum score of 550 on the paper-based TOEFL, 213 on the computer-based TOEFL, or 79 on the internet-based TOEFL is required for admission.
   b. An official International English Language Testing System (IELTS) score report. A minimum score of 6.0 on the IELTS is required for admission.
   c. An official Pearson Test of English (PTE) score report. A minimum score of 56 on the PTE is required for admission.
   d. Or an official International Test of English Proficiency (ITEP) score report. A minimum score of 3.9 on the ITEP is required for admission.
   e. Alternatively, the applicant may successfully complete Level 4 of the Intensive English program at JSU’s English Language Institute (http://www.jsu.edu/eli/).
   f. Note: Students with degrees from the following countries, which have English as the official language, are exempted from the above tests: Antigua and Barbuda, Australia, Bahamas, Barbados, Belize, Bermuda, Canada (except Quebec), Fiji, Grenada, Guyana, Ireland, Jamaica, Kiribati, Marshall Islands, Micronesia, New Zealand, Solomon Island, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Trinidad and Tobago, and United Kingdom.

7. Additional items may be required by programs, such as Graduate Reference Forms²; official test scores on the Graduate Management Admission Test (GMAT), General Test of the Graduate Record Examination (GRE), or the Miller Analogies Test (MAT); valid professional educator certificates; background checks; resumes; etc. A complete list of all required application items for a given program can be found in each individual program section of this catalog.

¹ Please see information regarding International Student Transcripts below.
² Graduate Reference Forms may be submitted electronically through the online application account, or international applicants may scan recommendation letters and send them as attachments to graduate@jsu.edu to be added to their application files by the Graduate Admissions staff. PDF files are required.

International Student Transcripts

Many programs will review application packages and make admission decisions based on official transcripts of degrees still in progress. However, applicants must submit their final transcripts with degrees posted during International Student Orientation Week, facilitated by the Office of International House and Programs (http://www.jsu.edu/international/). Students will be given 30 days from their arrival in the U.S. to submit all required documents. If they fail to submit the documents, further registration will not be permitted, the students’ immigration records will be terminated for non-enrollment, and they will be reported to the Department of Homeland Security.

For pre-approval purposes, unofficial, scanned copies of transcripts may be accepted on a temporary basis. JSU will only accept scanned copies of applicants’ transcripts from international recruiting agents and partners who are acting as official representatives of JSU. JSU will not accept scanned copies of transcripts directly from applicants. Official representatives of JSU may scan applicants’ transcripts and email them as attachments to intladmissions@jsu.edu (PDF files are required). Applicants must submit their official transcripts during International Student Orientation Week, facilitated by the Office of International House and Programs (http://www.jsu.edu/international/). Students will be given 30 days from their arrival in the U.S. to submit all required documents. If they fail to submit the documents, further registration will not be permitted, the students’ immigration records will be terminated for non-enrollment, and they will be reported to the Department of Homeland Security.

JSU reserves the right to request all official documents at any point in the admissions process.

Upon receipt of applicants’ academic credentials, an evaluation of Foreign Education Credentials will be completed by the Office of International House and Programs (http://www.jsu.edu/international/). When needed, a course-by-course evaluation report prepared by an evaluator acceptable to the university will have to be submitted in addition to the official transcripts and bachelor’s degree certificate/diploma. Please check with the National Association of Credential Evaluation Services (NACES) (https://www.naces.org/) for a complete list...
of service providers acceptable to JSU. Applicants to JSU’s Alternative Class A teacher education programs should see that section of this catalog for a list of service providers accepted by the Alabama State Department of Education.

**International Student Enrollment Requirements**

1. Official copies of the bachelor’s degree certificate/diploma AND complete and official college/university transcripts must be on file in the Office of Graduate Studies before a student will be allowed to enroll in classes. Please see the section titled “International Student Transcripts” above for further details.

2. International students will be required to enroll as full time students with at least nine credit hours each semester. At least six of those hours must be taken in traditional or web-assisted/hybrid format, if the student plans to reside in the United States. Our graduate classes are scheduled to accommodate this requirement, and it is the university’s expectation that all students abide by this law. Failure to do so will result in termination of the student’s immigration record.

3. If the student plans to earn a degree online and does not plan to travel to the United States, the stipulation above does not apply. Please refer to Online@JSU’s website (http://www.jsu.edu/online/prospective-students/degrees.html) to view a listing of programs that can be earned completely online.

4. International graduate students with prerequisite/foundation/deficiency courses must maintain at least 12 semester credit hours at all times. The classes can be a combination of undergraduate and graduate courses. International students must have at least nine semester credit hours of traditional or web-assisted/hybrid classes (non-online courses) out of a total of 12 credit hours.

5. International students are required to carry health and repatriation insurance.

6. Government sponsored students, such as Saudi Arabian Cultural Mission (SACM) Scholarship, Embassy of Kuwait Scholarship, and Embassy of UAE Scholarship students, etc., will have to check with their embassy and/or government before enrolling in any number of online courses.

**Professional Development/Non-Degree Seeking Applicants**

A student who holds a bachelor’s degree from a regionally accredited institution may enroll in graduate courses as a professional development/non-degree seeking student. Federal financial aid is not available to professional development/non-degree seeking students.

All of the following documentation must be submitted to Graduate Admissions to be considered for admission as a professional development/non-degree seeking student:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).

2. Non-refundable $35.00 application processing fee.

3. Official transcripts of the highest degree earned from the college/university with degree posted. (Students who have previously attended JSU do not need to request a transcript from the university.)

If, at a later date, the student decides to pursue a degree at JSU, the student must petition, in writing, to the Director of Graduate Studies that the course(s) taken as a professional development/non-degree seeking student be counted toward the degree. The student must also meet the admission requirements for the degree program, and all coursework used toward the degree must fall within its given time limit.

**Transient Student Applicants**

A graduate student in good standing at a regionally accredited college or university may be admitted to Jacksonville State University as a transient student. Federal financial aid is not available to transient students.

All of the following documentation must be submitted to Graduate Admissions to be considered for admission as a transient student and prior to enrolling in graduate coursework:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).

2. Non-refundable $35.00 application processing fee.

3. A letter of good standing from the dean of the graduate school of residence or a current official transcript.

In addition, it is the student’s responsibility to request that a JSU transcript be forwarded to the college of residence upon completion of the course(s).

**Faster Master’s Applicants**

The Faster Master’s program allows exceptional JSU undergraduate students to take up to 12 hours of graduate coursework during their junior and senior years, which double count towards both the bachelor’s and the master’s degree. To see full details and a list of the degree programs that participate in the Faster Master’s, please visit the Faster Master’s website (http://www.jsu.edu/graduate/fastermasters/).

Applicants for the Faster Master’s must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).

2. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.

3. Other application items as specified by the degree program. Please see the Faster Master’s website (http://www.jsu.edu/graduate/fastermasters/) for each program’s application requirements.
**Accelerated Senior Privilege Applicants**

The Accelerated Senior Privilege allows a graduating senior to take up to six graduate hours of coursework during his or her final undergraduate semester. Accelerated Senior Privilege will also be extended to graduating seniors at other colleges and universities, provided all conditions specified below are met.

A graduating senior may apply to Graduate Studies for accelerated senior privilege by submitting the following items to:

Graduate Admissions  
Jacksonville State University  
700 Pelham Road North  
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. A Verification Form completed by the academic advisor or certification officer of the school of the student’s undergraduate major and submitted to Graduate Studies which verifies the following:
   a. The student holds an overall GPA of 3.00 and a GPA of 3.00 in the undergraduate major;
   b. The student has passed the English Competency Examination (ECE); and
   c. The student is within six semester hours of successfully completing undergraduate degree requirements.

The Verification Form can be found online on the Graduate Studies Student Resources (http://www.jsu.edu/graduate/student-resources/) website.

In addition, the following restrictions are placed on accelerated senior privilege:

1. The student may take no more than six semester hours of graduate level courses prior to the completion of all undergraduate degree requirements. The student will not be allowed to register for additional graduate level courses until all undergraduate degree requirements have been met;
2. The student must not exceed a total course load (undergraduate and graduate) of 13 semester hours in the fall and spring and 7 semester hours in each of the summer terms. Any exception to this regulation must be approved by the department head and the Director of Graduate Studies;
3. The student must provide all application materials for the desired graduate program to Graduate Studies, and be accepted, prior to the end of the semester of senior privilege and prior to pre-registering or registering for further coursework; and
4. MBA students must provide an official GMAT score of at least 400 prior to enrolling in senior privilege classes.

**Change of Major or Concentration**

If at any time a student wishes to change from one major or concentration to another, the student must submit a Change of Major Form (https://gr-recruiter.jsu.edu/Apply/Account/Login/) to Graduate Admissions through our online application system.

The student must meet the admission requirements of the newly selected major or concentration as specified in the catalog current at the time the student is changing. The student must be in good academic standing in his or her current major.

In some instances, rather than processing the change of major request, Graduate Admissions may require an individual to submit a new graduate application for the desired program and pay the non-refundable $35 application processing fee.

Changes of major or concentration that are approved after the start of the semester will not be effective until the next semester.
ACADEMIC POLICIES AND PROCEDURES

Students' Responsibilities

It is the responsibility of each student to become familiar with university and Graduate Studies academic policies and procedures, as well as degree requirements, graduation requirements, and all other aspects of satisfactory academic progress. Each student is assigned an academic advisor to assist in planning course schedules and give advice on timely graduation planning. However, the ultimate responsibility for understanding and completing degree and graduation requirements lies with the student. All students are held responsible for meeting the requirements for graduation as stated in the Graduate Catalog at the time of initial enrollment and completion of one or more graduate courses. Students who have questions should contact the Office of Graduate Studies (http://www.jsu.edu/graduate/).

- Grades and Grade Point Average (p. 12)
- Graduate Courses and Degree Requirements (p. 13)
- Transfer of Graduate Credit (p. 14)
- Graduate Student Load, Registration, and Attendance (p. 14)
- Withdrawals, Forgiveness, and Appeals (p. 15)
- Time Limits (p. 16)
- Thesis Options and Procedures (p. 16)
- Graduation and Comprehensive Exam (p. 17)

Grades and Grade Point Average

Grading System

The following grades are given in graduate courses; numerical values for letter grades are determined by individual academic programs:

A Four quality points per credit hour
B Three quality points per credit hour
C Two quality points per credit hour
Failing - Zero quality points
P Passing - Grade given for thesis hours and other selected courses as specified in the course descriptions in this catalog.

The grade of "P" does not affect the GPA. The grade of "F" on a pass or fail course is computed as a regular "F" grade. A grade of "P" may only be assigned for the final thesis hours when the student has successfully defended the thesis and all paperwork has been signed by the thesis committee and submitted to the Office of Graduate Studies with the final thesis draft.

IP In Progress (dissertation research only)
I Incomplete

Assigning the grade: The grade of "Incomplete" or "I" may be assigned by an instructor if extreme circumstances prevent a student from completing course requirements, and only if the student is passing the course. The "I" grade does not immediately affect a student's grade point average.

Completing the course requirements: The student is responsible for arranging to complete the remaining course requirements. One calendar year is allowed for completing the work. Grades of "I" will roll to "F" on the day grades are due in each term. Students should not register for the course again. Once the student has completed all course requirements, the instructor submits a grade change to the Registrar's Office for recording. The Registrar then notifies the student of the grade change. Failure to complete course requirements within the established time frame will result in a grade of "F" being assigned.

Requesting extensions: The student must submit a written request for an extension to remove an "Incomplete." All incomplete grade extensions must be submitted to the Director of Graduate Studies prior to the last day of classes in the fall and spring semesters and prior to the day before grades are due in the final summer term. The instructor and graduate director must approve the extension before the Registrar processes the request.

If at any time during the process, as detailed above, the instructor is not available, the appropriate department head and/or academic dean will represent the instructor's interest.

Incompletes and Graduation: All Incompletes must be completed prior to the degree being awarded. Otherwise, the grade of "I" will be converted to "F" in order for the degree GPA to be calculated.

NC No Credit
When a grade of incomplete is not applicable, the no credit (NC) grade may be given to a student who is otherwise passing but who is unable to complete a course due to circumstances beyond the student's control. An "NC" grade is not calculated in the student's GPA. A grade of "NC" must be approved by the Director of Graduate Studies. A grade of "NC" cannot be retroactively assigned.

WF Withdraw Failing - Will be counted as a grade of "F" with zero quality points
WP Withdraw Passing - Zero quality points
X Audit - No credit

Grade Point Average (GPA)

A graduate student's overall GPA is calculated on graduate-level courses only. The GPA is determined by dividing the quality points earned by the number of hours attempted. The GPA is not rounded. For reporting purposes, the GPA is truncated to two places past the decimal. All graduate coursework is factored into the GPA, even if a student takes courses not required for the degree, changes majors/concentrations, seeks a second graduate degree, etc.

Any student who does not attain good standing, as specified by his or her program, may be dropped from graduate studies. Good standing...
is defined as meeting the minimum required GPA for a degree or certificate program. For purposes of this regulation, the summer terms are collectively considered one semester.

Transfer credit cannot be used toward the GPA of JSU coursework to meet the required minimum GPA of any major, professional educator certification program, or graduate certificate program (http://www.jsu.edu/graduate/disclosure.html).

The maximum number of hours of “C” grades permitted to count toward doctoral degrees, education specialist degrees, master’s degrees, master’s level professional educator certification programs, or graduate non-education certificates is six semester hours; however, ALL “C” grades are still factored into a student’s GPA. If a student earns a grade of “C” or below on more than six semester hours of coursework, the student should consult his or her academic advisor and the Director of Graduate Studies for advisement.

All JSU graduate-level coursework attempted, including duplications, will be calculated in the GPA (there is NOT a replacement policy at the graduate level).

Midterm and Final Grades
At midterm, a grade is assigned to students who currently have a grade of "F" or "NC" in any class. This grade may be accessed for a limited time in MyJSU. Midterm grades are reported for fall and spring semesters only. Final grades may be accessed the same as midterm grades.

Graduate Courses and Degree Requirements

Graduate Courses and Degree Requirements
All courses counted toward graduate degrees must be graduate-level courses. Graduate courses are numbered at the following levels: 500, 600, 700, and 800.

Some, but not all, 400-level courses have a graduate-level section for which graduate students may enroll and receive graduate-level credit counted toward their graduate degrees. A student who has taken one of these 400-level courses as an undergraduate may not take the course again at the graduate level for graduate credit. When students register for the graduate section of a 400-level course, they should verify that they are on the class roster for the graduate section. This verification can be provided by the academic advisor and the instructor of record.

At least one-half of the graduate courses for the master’s degree must be at the 500 level. Individual programs may limit the number of hours of 400-level graduate coursework that may be counted for the degree. See the individual programs for these limits.

All coursework for the EdS must be at the 500 and 600 level. Courses taken at the 500 level while matriculating in a Class A master’s level program, and not used as credit toward the Class A master’s level program, may be used as credit toward the EdS Class AA level, up to the prescribed limit for course transfer (six hours) as indicated in the Transfer of Graduate Credit section of this catalog.

Students pursuing the EdS degree may not count 400-level graduate courses toward the degree. Half of the EdS coursework must be at the 600 level.

Courses at the 600 level are offered only to students who hold the master’s degree (except for the MFA in Visual Communication Design – those courses are at the 600 level because the MFA is a terminal degree).

All coursework for the DNP must be at the 700 level, unless otherwise specified by the director of the program.

All coursework for the DSc must be at the 800 level, unless otherwise specified by the director of the program.

Course descriptions are provided in each academic department section of this catalog, arranged by academic school, and are listed in numeric order. Graduate semester hour credit value for each course is indicated after its title. Prerequisites and corequisites, if any, are listed at the beginning of the course description. The minimum degree requirements are listed by program, and programs may be found within their academic departments.

Duplication of Courses
Credit toward graduation for any course, or part of a course, will not be granted twice. This rule applies to all credit, whether the work is completed at JSU or at other colleges or universities. However, all work attempted at JSU, including duplications, will be calculated in the GPA.

Second Master’s Degree
Credits earned while completing one master’s degree, but not used for credit toward that master’s degree, may be applied toward a second master’s degree, if applicable. These credits are granted at the discretion of the Director of Graduate Studies. It is the student’s responsibility to apply for this credit from the first master’s and submit the request to the Director of Graduate Studies. The total amount of credit applied from a previously earned graduate degree at JSU and external transfer credit combined is limited to the same maximums as transfer credit that are specified in the Transfer of Graduate Credit section of this catalog.

If a student wishes to pursue more than one graduate degree or graduate certificate at a given time, the student must contact the Director of Graduate Studies for approval prior to application.

Second Concentration
Students may elect a second concentration in certain majors. If all requirements for each concentration have been completed prior to awarding of the degree, the comprehensive examination will cover coursework for both concentrations and each concentration will be noted on the student transcript. After completing a degree with one concentration, a student may elect to return to JSU to complete an additional concentration. In this case, the concentration will not appear on the transcript. At the request of the student, a letter of verification will be written by the Director of Graduate Studies, certifying that the student has met the requirements for a second concentration.
Transfer of Graduate Credit

Transfer of Graduate Credit

Transfer credit from other regionally accredited institutions will appear on the JSU transcript only if used to fulfill degree completion and/or professional educator certification requirements.

The number of semester hours of graduate credit that may be transferred from a regionally accredited institution to JSU toward a graduate degree program is limited to the following maximums:

- Zero (0) hours toward a graduate certificate of fewer than 30 hours;
- Six (6) hours toward a 30 semester hour program;
- Nine (9) hours toward a 33 semester hour program; and
- Twelve (12) hours toward a 36 or more semester hour program.

Evaluation of transfer credit is made by the appropriate department of the student’s major and approved by the Director of Graduate Studies. A student intending to enroll at another institution and transfer a course to JSU must receive approval of the coursework prior to enrolling in the course to ensure the course will be accepted for inclusion in the student’s program of study at JSU.

Transfer credit cannot be used to raise the GPA of JSU coursework to the required minimum GPA of any major, professional educator certification program, or graduate certificate program. The total amount of credit applied from a previously earned graduate degree at JSU and external transfer credit combined is limited to the same maximums as transfer credit that are specified in the Transfer of Graduate Credit section of this catalog. (Please review the Graduate Certificate Disclosure (http://www.jsu.edu/graduate/disclosure.html) information.)

For the secondary education major, a student may transfer no more than three hours in the teaching field.

For the MBA program, transfer credit will be accepted from AACSB International accredited schools only. No transfer credit(s) will be accepted once students are enrolled in the MBA program, except in cases of extreme hardship to be determined by the MBA Director and the Director of Graduate Studies.

For the MSW program, transfer credit will be accepted from CSWE accredited schools only.

The following Doctor of Nursing Practice (DNP) degree programs do not accept transfer credits from other institutions; accordingly, 100% of the credits toward these degrees will be earned at JSU:

- Adult-Gerontology Acute Care Nurse Practitioner BSN-DNP
- Family Nurse Practitioner BSN-DNP
- Post-Master’s DNP

Only graduate courses with grades “A,” “B,” “F” and “S” may be transferred to JSU. Grades of “C” or below will not be eligible for transfer.

Transfer credit must meet time limit requirements as stated under the Time Limit on Degree Completion (p. 16) section of this catalog. Any exceptions will be made by the Director of Graduate Studies.

To request graduate transfer credit, a student must submit a Transfer Credit Request Form, listing the transfer course(s) and descriptions. In addition, the student must request that an official transcript from the institution at which the credit was earned be sent directly to Graduate Studies at JSU. It is the responsibility of the student to ensure that the transcript has been received. The Transfer Credit Request Form (http://www.jsu.edu/graduate/student-resources/gradxfer.html) is available on the Graduate Studies website.

Graduate Student Load, Registration, and Attendance

Full-time/Half-time Student Classification

A graduate student’s classification is determined by the number of graduate semester hours for which the student is enrolled in a given semester or term.

Following are the minimum graduate semester hours for master’s-level and EdS-level full-time and half-time student classification:

<table>
<thead>
<tr>
<th>Semester/Term</th>
<th>Full-Time</th>
<th>Half-Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>9</td>
<td>6</td>
</tr>
<tr>
<td>Spring</td>
<td>9</td>
<td>6</td>
</tr>
<tr>
<td>Summer (all summer terms combined)</td>
<td>9</td>
<td>6</td>
</tr>
</tbody>
</table>

Following are the minimum graduate semester hours for doctoral-level full-time and half-time student classification:

<table>
<thead>
<tr>
<th>Semester/Term</th>
<th>Full-Time</th>
<th>Half-Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Spring</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Summer (all summer terms combined)</td>
<td>6</td>
<td>3</td>
</tr>
</tbody>
</table>

These classifications apply to all financial aid programs, including VA benefits, and to other programs, such as insurance. For VA benefits only, three-quarter time may apply for seven or eight graduate hours in the fall and spring semesters.

Financial aid classifications, including VA benefits, for the summer sessions are computed annually. For information about summer financial aid classifications, please contact:

Financial Aid Office
107 Bibb Graves Hall
(256) 782-5006

For classifications for VA benefits, please contact:

Veteran Services
Daugette Hall Basement
(256) 782-8838

Maximum Student Load

The maximum course load for a graduate student is a total of 13 semester hours during the fall, spring, and combined summer terms. Any exception to this regulation must be approved by the department head/academic advisor and the Director of Graduate Studies.

Registration for Coursework

All students must register for coursework before attending classes. Registration (http://www.jsu.edu/registrar/registration.html) information is listed online. The appropriate academic advisor and other members
of the faculty advise students in regard to their programs of study as outlined in this catalog. Students may register online using their MyJSU accounts.

Students registering after the day classes start will be charged a $100.00 late registration fee. Students will be responsible for class work from the first class meeting and will incur absences for classes missed. After the add/drop date, the student will incur a $200 reinstatement fee.

Class Attendance
The university expects every graduate student to attend all scheduled class meetings for courses in which the student is enrolled. Each instructor’s policies and procedures on absences and make-up work are announced at the beginning of the term. The student is directly responsible to the individual instructor for absences and for making up work missed.

Auditing Courses
A person not regularly enrolled in the university may audit courses with the approval of the instructor.

Auditors must apply for admission and pay the $35 non-refundable application fee as well as the $25 per semester hour fee. Auditors are listed on the class roll but do not participate in classroom discussion, take tests or final examinations, make reports, or receive credit.

Auditors are bound by the same attendance policy as other members of the class.

Once a student registers in a course as an auditor, the status of audit may not be changed to that of credit.

Withdrawals, Forgiveness, and Appeals

Medical/Compassionate Withdrawal Policy
A student may request and be considered for a medical withdrawal when extraordinary personal reasons, not related to the student's personal physical or mental health (for example, care of a seriously ill child or spouse, or a death in the student’s immediate family), prevent the student from continuing classes. This covers both physical and mental health difficulties.

A student may request and be considered for a compassionate withdrawal when extraordinary personal reasons, not related to the student’s personal physical or mental health (for example, care of a seriously ill child or spouse, or a death in the student’s immediate family), prevent the student from continuing classes.

Medical or compassionate withdrawals will be considered for the current or immediately preceding semester only.

A student must request a medical or compassionate withdrawal by contacting:

The Office of the Vice President for Student Affairs
Bibb Graves Hall, Room 102
(256) 782-5020

Students receiving federal financial aid or Veterans Educational Benefits should meet with either the Financial Aid Office (http://www.jsu.edu/finaid/) or Veteran Services (http://www.jsu.edu/veterans/), respectively, before making a decision to request a medical or compassionate withdrawal.

For the full policy and forms, please visit the Office of the Vice President for Student Affairs (http://www.jsu.edu/studentaffairs/medicalwithdrawal.html) website.

Military Withdrawal Policy
A Military Withdrawal is necessary when service members receive official military orders requiring military service, such as deployments or extended mobilizations. When this official military service affects the ability of service members to be successful in their classes, they can file for a Military Withdrawal.

Service members that are considering this Military Withdrawal should consult with the Office of Veteran Services (http://www.jsu.edu/veterans/), Financial Aid Office (http://www.jsu.edu/finaid/), and Residence Life (http://www.jsu.edu/housing/) (if applicable) before submitting the Military Withdrawal to see what financial repercussions, if any, they will face. Military dependents negatively affected by deployments or extended mobilizations should use the Medical/Compassionate Withdrawal process through the Office of the Vice President for Student Affairs.

If approved, the service member will be subject to all JSU refund and academic penalty policies. If you have questions about Military Withdrawals or registering at JSU in the future, please contact the Office of Veteran Services (http://www.jsu.edu/veterans/) at (256) 782-8838 or veterans@jsu.edu.

Academic Forgiveness at the Graduate Level

Policy
Occasionally, during a specific semester, students encounter personal, emotional, or financial hardships so devastating that performing academically at a level approximating their usual record of academic achievement becomes impossible. Typically, these students realize their situations in time to take the advisable course of action and withdraw from the university. If that is not done, however, and the student’s grades for the semester are decidedly below that student’s normal record, the student can petition for academic forgiveness. A student may only petition for academic forgiveness after completing two semesters of coursework toward his or her degree. Academic forgiveness may be granted one time and is irreversible; it is applicable to undergraduate deficiency and graduate coursework. There are two options for academic forgiveness:

1. All coursework taken, even hours completed satisfactorily during the semester for which forgiveness is requested, will be disregarded in the grade point average and as hours earned toward graduation, OR
2. The student may select only specific courses from one semester to be disregarded in the grade point average and as hours earned toward graduation.

Procedure
Students may petition for academic forgiveness for only one semester (any fall, spring, or summer term) already completed at the university. This policy was approved and became effective the Fall 2015 semester. Therefore, this policy applies only to those students whose enrollment
in graduate courses and subsequent grades occurred in the Fall 2015 semester and thereafter.

Graduate students have six years (ten years for doctoral students) from the time of initial enrollment in the graduate program to apply for academic forgiveness.

Students applying for academic forgiveness must fill out the graduate-level JSU Application for Academic Forgiveness, which can be found on the Office of Graduate Studies (http://www.jsu.edu/graduate/student-resources/) webpage. Once the completed form and the student's record have been reviewed and approved by the Director of Graduate Studies, the Registrar’s Office will adjust the academic record and notify the student.

Once granted, academic forgiveness cannot be reversed. Students should be aware that other graduate and professional schools may compute the grade point average to include all hours attempted when considering applicants for admission.

Restrictions
This Academic Forgiveness option is not available to any Nursing graduate students in any of the Doctor of Nursing Practice, Master of Science in Nursing, and Graduate Certificate programs because of the nature of their programs. (Please review the Graduate Certificate Disclosure (http://www.jsu.edu/graduate/disclosure.html) information.)

Appeal Ineligible Status Readmission Process
When a student has been removed from graduate study for failing to meet scholastic or other degree requirements, the student may appeal for readmission. Once the student initiates the appeals process, it may take at least one semester for resolution. The following appeal procedure is available for students who have been declared ineligible to continue as graduate students:

1. The student may submit a written request for readmission to the Director of Graduate Studies. The written request should address the reasons why it would receive favorable action.

2. The written request may be a letter sent through the mail, an e-mail from an official JSU email address, or a letter scanned and sent as an attachment from a non-JSU e-mail address.

3. Upon receipt of the written request, the Director of Graduate Studies will consult the Department Chair and Advisor of the student’s major to reach a decision on whether or not the student’s appeal will be granted. The student will be notified of this decision via e-mail.

4. If the student’s appeal is not granted, the student may submit a written request to the Director of Graduate Studies for a meeting with an Appeals Committee. (Please see #2 for the forms the written request may take.)

5. Upon receipt of the written request, the Director of Graduate Studies will schedule the meeting of the Appeals Committee and notify the student of its date, time, and location.

6. The Appeals Committee will be appointed by the director and will be composed of members from the graduate faculty. The committee will be chaired by the Director of Graduate Studies.

7. The committee will be provided with all available documents, including the student’s written request for appeal and the student’s undergraduate and graduate course history.

8. The student will be afforded the opportunity to attend the Appeals Committee meeting and to provide additional, relevant information in support of his or her request for readmission. This is an administrative hearing and is limited to the committee members, the Director of Graduate Studies, and the student.

9. The student will be notified of the decision made by the Appeals Committee in writing within 14 working days from the date of the meeting with the Appeals Committee. The final decision rests with the committee and is not open to further appeal.

Before requesting Academic Forgiveness or submitting an Appeal, students are strongly urged to contact the Office of Graduate Studies to discuss which option would be best for their situations:

Ms. Julie Maddox - All education degree programs
Email: jmaddox@jsu.edu
Ms. LaRilda VanSandt - All non-education degree programs
Email: vansandt@jsu.edu

Time Limits

Time Limit on Degree Completion
All graduate coursework and degree requirements toward a master’s degree, education specialist degree, or a graduate certificate (including credit transferred from another university or graduate program) must be completed within a period of six calendar years, which would include the summer term. All graduate coursework and degree requirements toward a doctoral degree (including credit transferred from another university) must be completed within a period of ten calendar years, which would include the summer term. Any exceptions will be made by the Director of Graduate Studies, upon written request of the student.

Time Limit on Catalog Requirements
Degree requirements and other university regulations are established by the catalog current at the time of initial enrollment and completion of one or more graduate courses. Any student not completing all degree requirements within the established time limit will lose entitlement to follow the graduate catalog of initial enrollment.

Students may elect to follow any later catalog during their allotted time limit to degree completion.

All degree program and certificate requirements for admission and completion may be subject to change due to governing and accrediting agency changes.

Thesis Options and Procedures

Thesis Options and Procedures
There are two options of graduate study for some degree programs at JSU: the Non-Thesis Option and the Thesis Option. The Thesis Option is available to students in these master’s degree programs:

- Biology
- Criminal Justice
- English
- History
- Mathematics
- Music
- Psychology

A student is awarded six semester hours of graduate credit for a successfully completed thesis, by enrolling in 599 two times and
receiving a grade of “P” in each 599 class. The requirements for the individual degree programs are listed under “Minimum Requirements for Degree” in each program section of this catalog.

For students choosing the thesis option for their degrees (if available), the thesis defense serves as the comprehensive examination.

**Thesis Timeline:**

**Prior to enrolling in the first three semester hours of thesis, 599:**
1. Thesis students should contact Graduate Studies to receive an orientation to the thesis process and a copy of the current Thesis Guide. This orientation can be completed either in person or via email. The purpose of the orientation is to provide the thesis student with information concerning required forms, due dates, and to answer any questions concerning thesis options and/or procedure. For further information concerning this orientation, please contact: LaRilda VanSandt vansandt@jsu.edu 322 Bibb Graves (256) 782-5345
2. Thesis students must submit a Thesis Option form (http://www.jsu.edu/graduate/docs/thesisforms.pdf), approved and signed by the student’s Thesis Committee, to Graduate Studies for approval of the Director of Graduate Studies. The Thesis Option form is Appendix B of the Thesis Guide and is available online.

**Prior to completing the first three semester hours of thesis, 599:**
1. Thesis students must submit a Prospectus for Thesis form (http://www.jsu.edu/graduate/docs/thesisforms.pdf), approved and signed by the student’s Thesis Committee, to Graduate Studies for approval of the Director of Graduate Studies. The Prospectus for Thesis form is Appendix C of the Thesis Guide and is available online.

**Prior to completing the last three semester hours of thesis, 599:**
1. Thesis students must complete and successfully defend their theses. Thesis submission due dates may be found on the Graduate Studies (http://www.jsu.edu/graduate/graduation.html) website.
2. When the thesis student has successfully defended the thesis, the thesis committee will sign the Thesis Approval page, which the student will bring to the Office of Graduate Studies, 322 Bibb Graves. Upon completing this process, the student will receive a grade of Pass (P) or Fail (F) for the last three semester hours of thesis, 599. A grade of “P” may not be assigned to the last three semester hours of thesis, 599, until the completed thesis has been delivered to Graduate Studies.

**Graduation and Comprehensive Exam Candidacy for Degree**

Students become degree candidates when they enroll in the last semester or term of coursework and apply for the degree/comprehensive examination by completing the Application for Graduation (http://www.jsu.edu/graduate/graduation.html). The procedure and due dates for completion and submission of this form are available on the Graduate Studies (http://www.jsu.edu/graduate/graduation.html) website.

**Comprehensive Examination**

A comprehensive examination (oral, written, or a combination of oral and written) is required of most candidates for degrees. The specific type of examination to be given is determined by each individual department. In preparation for the comprehensive examination, candidates should contact their academic advisor.

The comprehensive examination is to be scheduled during the semester in which the student is enrolled in the last course(s) needed to complete the degree or certification. Dates pertaining to the comprehensive examination and the Application for Graduation Procedure (http://www.jsu.edu/graduate/graduation.html) are found on the Graduate Studies website.

After applying for graduation, the student will be notified of the date, time, and location of the examination by the chair of the Comprehensive Examination Committee. The student will be examined on course content and knowledge of the field of study. It is the student’s responsibility to contact each member of the Comprehensive Examination Committee to receive guidelines in preparation for the examination.

If, after applying, the student elects not to take the comprehensive examination that semester, the student must submit a new Application for Graduation form by the deadline of the semester in which the student does elect to take the comprehensive examination. A $50 degree fee is charged to students each time they submit a new Application for Graduation form.

If the student does not pass the comprehensive examination on the first attempt, the student must meet with the chair of the Comprehensive Examination Committee to schedule arrangements to retake the comprehensive examination. In order to retake the comprehensive examination, a $50 fee is charged.

Students are allowed a maximum of two attempts to successfully complete the comprehensive examination. If a second attempt is necessary, a passing score on the comprehensive examination must be received by the Graduate Certification Office for the student to remain a candidate for degree completion.

For students choosing the thesis option for their degrees (if available), the thesis defense serves as the comprehensive examination.

**Application for Graduation**

**Doctoral, Education Specialist, Master’s, and Education Certificates**

All students must file an Application for Graduation form each semester of their enrolled program by the set deadline. This form must be completed online through MyJSU. Application for graduation procedures, along with due dates, are located on the Graduate Studies (http://www.jsu.edu/graduate/graduation.html) website.

Students who fail to file the Application for Graduation form by the listed date risk having their graduation delayed until the next regularly scheduled graduation. In addition, a student must submit a new application for graduation by the listed date at the beginning of the semester in which they plan to graduate.

The specific due dates for the application for each semester are listed in the Academic Calendar (http://www.jsu.edu/registrar/academic-calendar/).
Application for Completion of Graduate Certificates

Non-Education Certificates
All non-education certificate graduate students must file the Graduate Certificate Application (Non-Education) form. This form must be completed online through MyJSU. Application procedures, along with due dates, are located on the Graduate Studies (http://www.jsu.edu/graduate/graduation.html) website. Certificates will not be awarded on a retroactive basis.

The specific due dates for the application for each semester are listed in the Academic Calendar (http://www.jsu.edu/registrar/academic-calendar/). (Please review the Graduate Certificate Disclosure (http://www.jsu.edu/graduate/disclosure.html) information.)

Student Outcome Assessment
To assess and improve its academic programs, the university must obtain periodic measurements of student perceptions and intellectual growth. As a requirement for graduation, every student shall participate in one or more assessment procedures. These procedures include survey questionnaires and examinations in the major field of study. The information obtained through these assessment procedures is used solely to improve the quality of the educational experience for future generations of JSU students.

For further information about assessment procedures, students should contact the Office of Institutional Effectiveness (http://www.jsu.edu/ie/), (256) 782-8142.
State University is required by Title IX of the Education Amendments (PL92-318) of 1972 and Department of Education regulations to implement Title IX, Prohibition of Sex Discrimination in Educational Programs and Activities Receiving Federal Financial Assistance, not to discriminate in such a manner. This requirement not to discriminate in educational programs and activities extends to employment by the University and to admission thereto. Inquiries concerning the application of Title IX and the implementing regulations may be referred to one of the following:

- Jennifer Argo, Title IX Coordinator
  102 Bibb Graves Hall
  Telephone: (256) 782-5769
  jargo@jsu.edu
- Director, United States Office for Civil Rights

**Grievance Procedures:**
A student who wishes to initiate a grievance or complaint involving sex discrimination should confer first with the faculty member, administrative person, or student directly involved. If the matter is not resolved and the student wishes to appeal beyond the accused faculty member or administrative person, he or she may go to the department head, then the dean of the school, if applicable, and finally, to the appropriate vice president. If the accused is another student, the person with the grievance may bring a charge of personal abuse to the university Director of Community Standards and Student Ethics, 301 Theron Montgomery Building (TMB). After exhausting the informal remedies, the student may institute a formal written complaint. The formal procedure for handling such complaints may be obtained from the Vice President for Student Affairs.

**Policy on Privacy Rights of Students**
Notification by the University
At least annually the university shall notify its eligible students of its policy on privacy rights of a student as follows:

1. Access to records.
   a. Subject to the limitations contained in (b) which follows, the education records of an eligible student shall be accessible to such students. Such right of access shall include:
      - the right to be provided a list of the types of education records which are maintained by the institution and are directly related to students
      - the right to inspect and review the content of those records
      - the right to obtain copies of those records, which may be at the expense of the eligible student (but not to exceed actual cost to the institution of reproducing such copies)
      - the right to a response from the institution to reasonable requests for explanations and interpretations of those records
      - the right to an opportunity for a hearing to challenge the content of those records
      - if any material or document in the education records of the student includes information on more than one student, the right to inspect and review only such part of such material or document as related to such student or to be informed of the specific information contained in such part of such material
   b. The following materials will not be available to an eligible student: Financial records of the parents of the student or any information contained therein; confidential letters and statements of recommendations, which were placed in the education records prior to January 1, 1975, if such letters or statements are not used
for purposes other than those for which they were specifically intended; if the student has signed a waiver of the student’s right of access, confidential recommendations

- respecting admission to any education agency or institution
- respecting an application for employment
- respecting the receipt of an honor or honorary recognition

2. Procedures for granting access

a. An eligible student desiring access to his/her education records shall make a request in writing to the appropriate office. Requests concerning:
   - admissions should be made to the Office of Admissions
   - permanent academic records should be made to the University Registrar
   - financial records should be made to the Assistant Controller-Student Accounts
   - financial aid records should be made to the Director of Financial Aid
   - medical records should be made to Regional Medical Center
   - mental health records should be made to the Director of Counseling and Disability Support Services
   - police records should be made to the Director of Public Safety
   - student disability verification records should be made to the Director of Counseling and Disability Support Services
   - school and departmental records should be made to the dean of the appropriate school
   - employment records should be made to the Department of Human Resources

b. The access to the records or response to the request will be fulfilled within 45 days of receipt of the request.

3. Challenges of the content of records

a. Any dispute with an eligible student regarding the content of his/her education records will be settled, if possible, through an informal meeting and discussion with the student.

b. If the dispute is not settled through informal meeting and discussion referred to above, either the student or the appropriate official of the university may request a formal hearing on the matter. The hearing shall be conducted and the decision rendered by the Records Grievance Committee appointed by the President. At said hearing the eligible student shall be afforded a full and fair opportunity to present evidence relevant to the issues involved. A decision shall be rendered in writing by the committee within a reasonable period of time after the conclusion of the hearing, in no case to be more than 15 days.

4. Release of personally identifiable records

a. An eligible student may request in writing that directory information not be made accessible to any party except those set forth in (b) below. Any such request shall be made within seven days after the formal registration period ends. This request may not be withdrawn during the semester in which made. Directory information includes:
   - the student’s name
   - mailing address
   - telephone listing
   - JSU email address
   - enrollment status (full time, part-time)
   - whether currently enrolled or not
   - class/level
   - major field of study
   - participation in officially recognized activities and sports
   - weight and height of members of athletic teams
   - prior post-secondary institution(s) attended
   - JSU photograph(s)
   - dates of attendance
   - thesis/dissertation title
   - degrees and awards received

The university reserves the right to deny directory information.

b. Without the written consent of an eligible student, other education records shall not be made accessible to any party other than the following:
   - other university officials and teachers who have a legitimate education interest in such records
   - officials of other schools in which the student seeks and intends to enroll
   - the Comptroller General of the United States
   - the Secretary of the Office of Education
   - the U.S. Commissioner of Education
   - the Director of the National Institute of Education
   - the Assistant Secretary for Education
   - authorized state educational authorities
   - the appropriate authorities in connection with the student’s application for, or receipt of, financial aid
   - state and local officials or authorities to which such information is specifically required to be reported or disclosed by state law adopted prior to November 19, 1974
   - organizations conducting studies for, or on behalf of, educational agencies of institutions for the purpose of developing, validating, or administering predictive tests, administering student aid programs, and improving instruction, if such studies are conducted in such manner as will not permit the personal identification of students and their parents by persons other than representatives of such organizations, and such information will be destroyed when no longer needed for the purpose for which it is conducted
   - accrediting organizations in order to carry out their accrediting functions
   - parents of a dependent student or such parents as defined in section 152 of the Internal Revenue Code of 1954
   - in compliance with judicial order or pursuant of any lawfully issued subpoena, upon condition that the students are notified of all such orders or subpoenas in advance of the compliance therewith by the educational institution

The restricted release of education records of an eligible student to appropriate persons in connection with an emergency, if the knowledge of such information is necessary to protect the health or safety of a
5. The USA Patriot Act (USAP) amends the Family Educational Rights and Privacy Act (FERPA) to permit educational institutions to disclose education records to Federal law enforcement officials without student consent as follows:

a. By certifying that “specific and articulable facts” support the request, a U.S. Assistant Attorney General or higher-ranking official may obtain an ex parte court order that requires an educational institution to turn over education records considered relevant to a terrorism investigation.

b. Institutions do not violate FERPA by responding to such an order without student consent.

c. The institution need not make a record of the disclosure, as FERPA ordinarily requires.

d. A college or university “shall not be liable to any person for good faith disclosure of education records in response to such an ex parte order.”

6. Release of Student Transcript.

In accordance with the Buckley/Pell Amendment to the Family Educational Rights and Privacy Act, 1974, Jacksonville State University requires a signed letter of authorization or a signed JSU Transcript Request Form, with the original signature of the student making the request, or a request through the secure National Student Clearinghouse website in order to release that student’s transcript(s). Additionally, the signed request must include the name and address of the institution or individual who is to receive the transcript(s), and the appropriate payment for the transcript(s). A transcript cannot be released to another individual without written authorization from the student. Telephone requests will not be accepted. Transcripts may be mailed directly to an institution or individual from the JSU Registrar’s Office or issued directly to the student in a sealed JSU envelope. Official transcripts may NOT be released if the student account currently has a balance or “hold” at the time the transcript request is processed. All accounts in the Office of Student Accounts must be clear. Transcript requests received in the Registrar’s Office will be processed in a timely manner. Any request that is held until semester grades are posted or until degrees are confirmed will be processed on a designated day the week after commencement. Payment must be made upon request, however, and all accounts must be clear at the time the transcript request is processed. Any transcript request received in the Registrar’s Office without a proper signature or without appropriate payment or with a record “hold” will be returned to the student with instructions to resubmit the request with the appropriate inclusions. JSU reserves the right to alter, amend, or modify this policy at any time.

Permanent Educational Record

The permanent educational record of the student consists of all classes the student has taken at JSU, the grades earned for those classes, all classes transferred to JSU from other institutions of higher education, the grades earned for those classes, and all non-traditional credit that has been granted by JSU to the student. CLEP, AP, military service schools, or work experience.

Social Security Number

The student’s social security number is confidential. However, the Federal Taxpayer Relief Act of 1997 requires all institutions to report certain data using the social security number. Therefore, the social security number must be provided to Jacksonville State University in accordance with the legislation. Federal law requires that students who apply for financial aid must use their social security number.

University Code of Student Conduct

The Office of Community Standards and Student Ethics stands to support the Jacksonville State University mission through remaining student centered and educational in its disciplinary procedures. The Code of Student Conduct is a way for the University to publicly expect all students (undergraduate, graduate and non-degree seeking) to maintain standards and respect for the University community. The Code of Student Conduct is designed to support students in an educational and restorative way who allegedly engage in misconduct; as defined as any behavior inconsistent with University policies or local, state, federal and international laws. The Office of Community Standards and Student Ethics upholds the mission and goals of the institution while recognizing and respecting the rights, privileges and responsibilities of JSU students. (Misconduct can be further outlined within the Student Handbook (http://www.jsu.edu/studentaffairs/handbook.html).)

The Office of Community Standards and Student Ethics has outlined values that are critical to the follow-through of a fair and equal disciplinary proceeding for those students allegedly in violation of the Code of Student Conduct.

1. Professional responsibility: Balance developmental and educational needs of the student with the obligation of Jacksonville State University to protect the safety and welfare of the academic community. In situations where the behavior of a student poses a risk to self or others, Jacksonville State University staff must take action consistent with applicable laws and regulations.

2. Nondiscrimination: Protect human rights and promote appreciation of diversity and multicultural practice at Jacksonville State University.

3. Equal and Consistent Treatment: Treat all students with impartiality and accept all students as individuals with rights and responsibilities. Seek to create and maintain a campus climate in which learning and personal growth and development take place. Follow procedural guidelines when enforcing the Code of Student Conduct; as outlined by Jacksonville State University’s Code of Student Conduct.

4. Confidentiality: Confidentiality is maintained with respect to all privileged communications and to educational and professional records considered confidential. Information is only shared in accordance with institutional policies and relevant statutes, where given informed consent, or when required to prevent personal harm to self or others.
The JSU Alcohol and Other Drug Policy will address the following topics:

Outline of Policy Topics

1. Alcohol abuse, illicit and illegal drug use, and prohibited prescription drug drugs. Furthermore, the University recognizes the harmful effects of and federal, state, and local laws as they apply to alcohol and other University expects all of its members to comply with both JSU Policy that is safe, healthy, and conducive to academic endeavors. While the community and self, and to establish a University community and abide by all local, state, federal and international laws. Referrals received from any University or police authority, regardless of location, are subject to the possible Code of Student Conduct proceedings for the accused.

In an effort to remain student centered in its practice, the Office of Community Standards and Student Ethics disciplinary process depends largely on the participation and involvement of students. The Director for Community Standards and Student Ethics has been designated as the supervising official and gatekeeper for the Code of Student Conduct and its disciplinary procedures. Violations of University policies, local, state, federal or international laws should be reported to the Director of Community Standards and Student Ethics. Jacksonville State University Student Handbook (http://www.jsu.edu/studentaffairs/handbook.html) is available online or a hard copy may be obtained from the Dean of Students office, 402 Theron Montgomery Building.

A brief outline of students’ procedural assurances is outlined here (the procedural assurances in its entirety can be located in the Student Handbook (http://www.jsu.edu/studentaffairs/handbook.html)):

1. Incident referral received
   - students identified
   - alleged charges assigned based on details in referral
2. Hearing scheduled and student notified of rights and process
   - student attends the hearing to share what happened and share whether they view themselves as responsible or not responsible of the alleged violations
3. Decision of responsibility made and sent to student
   - appeal window of three business days begins once decision letter is sent

Alcohol and Other Drug Policy

Purpose

The purpose of the Jacksonville State University (JSU) Alcohol and Other Drug Policy is to promote student responsibility, respect for the community and self, and to establish a University community that is safe, healthy, and conducive to academic endeavors. While students must define their own values and make their own choices, the University expects all of its members to comply with both JSU Policy and federal, state, and local laws as they apply to alcohol and other drugs. Furthermore, the University recognizes the harmful effects of alcohol abuse, illicit and illegal drug use, and prohibited prescription drug practices such as pharma shopping, selling prescription drugs, or using prescription drugs other than as prescribed.

Outline of Policy Topics

The JSU Alcohol and Other Drug Policy will address the following topics:

1. Jurisdiction of the University
2. Alcohol Policy for Students
3. Other Drugs Policy for Students
4. Assistance for Alcohol and/or Drug Abuse
5. Summary of Federal, State, and Local Alcohol and Other Drug Laws

Jurisdiction of the University

Jurisdiction of the University is generally considered to include student conduct which occurs on, near, or off University property and/or student conduct which has an adverse effect on the University, the members of the University community, or the fulfillment of the University’s mission. We expect all our students to uphold our policies and federal, state, and local laws anywhere they go as long as they are a student with JSU or have a relationship with the University.

Alcohol Policy for Students

Jacksonville State University has established the following policy in regards to alcohol use by students.

1. Alcohol possession and consumption on campus is permitted only for students of legal age (21).
2. It is unlawful and a violation of University Policy to use or possess identification that makes an individual appear older or misrepresents an individual as someone else.
3. The consumption of alcohol stronger than 80 proof is not permitted on campus.
4. It is prohibited to serve, provide, or knowingly allow alcohol to individuals under 21.
5. It is prohibited to serve alcohol to someone who is visibly intoxicated or to pressure someone to consume alcohol.
6. It is prohibited for minors to transport, possess, consume, or serve alcohol.
7. Common source and “tap” systems are prohibited. This includes, but is not limited to, kegs, beer balls, punch bowls, and punch served out of a cooler or another unusual container.
8. Drinking games are prohibited.
9. Consumption in student rooms should neither infringe on the rights of other students or negate any normal activity.
10. Persons may not transport or consume open containers of alcoholic beverages in public areas.
11. Full responsibility for compliance with policies and laws belongs to all students.

1. Public areas include hallways, foyers, stairwells, bathrooms, lounges, or other public areas including outdoor University grounds (e.g., Residential Parking Lots, The Quad, Dillon Field etc.).

Drug Policy for Students

The following define the University’s policies regarding drug use.

1. Jacksonville State University prohibits illegal drugs on University property and at University events.
2. Students may not be in illegal possession of any controlled substance. Possession means that such substances are on one’s person, in one’s living environment, automobile, or known hiding location.
3. Prescription drugs are permitted on campus if accompanied by an authentic medical prescription. The use and/or distribution of legal
medication outside the parameters of the medical authorization is prohibited.
4. Illegal drug paraphernalia, use, possession, sale, distribution, trafficking, and manufacturing are prohibited.

**Assistance for Alcohol and/or Drug Abuse**
The University offers an array of services for students who require help with alcohol and/or drug use issues. Students needing confidential assistance responding to alcohol and/or drug abuse problems are encouraged to speak with a counselor from:

Counseling Services
140 Daugette Hall
Telephone: (256) 782-5475

Another confidential resource is the RMC Student Health Center: (256) 782-5310.

Besides individual sessions, Counseling Services provides educational programming through New Pathways, a psycho-educational program that includes both individual assessment and group participation, Collegiate Recovery Community (CRC), and other recovery and support groups.

**Summary of Federal, State, and Local Alcohol/Other Drug Laws**
The following is a brief summary of some of the laws JSU students must adhere to relating to alcohol and other drugs.

1. **Aiding Underage Possession/Consumption of Alcohol**: It is unlawful to aid a person under the age of 21 in obtaining alcohol, including falsely representing the person is not a minor.
2. **Unlawful Possession, Receipt, Manufacture, or Distribution of Controlled Substances (Including Marijuana)**: It is unlawful to knowingly sell, manufacture, possess supplies to create controlled substances, deliver, bring into the state, receive, or be in possession of controlled substances. This includes illegally obtaining prescription drugs and marijuana. Trafficking to persons under 21, or on premises in which a person younger than 18 is present or resides, or in close proximity to a school or college results in significantly enhanced penalties, as does a drug offense that results in the death or bodily injury of a person.
3. **Driving Under the Influence (DUI)**: It is illegal for any person to operate a motor vehicle while under the influence of alcohol. The State of Alabama considers anyone with a blood alcohol content of .08 or higher as under the influence and .02 or higher for someone under the age of 21.
4. **Improper Identification**: It is a criminal offense to use false identification to obtain alcohol.
5. **Minor in Possession**: In the State of Alabama, it is illegal for any person under the age of 21 to purchase, consume, or possess any alcoholic beverage of any kind.
6. **Open Beverage**: It is unlawful to have an open container of alcohol in public places on campus, including Dillon Field.
7. **Open House Party**: In the State of Alabama, it is illegal for a person in control of a residence to allow a party to continue if alcohol or controlled substances are possessed or consumed by persons under age 21 and the adult knows this and fails to take reasonable action to prevent it.
8. **Alabama Dram Shop Act**: Individuals who are injured by a person who received alcohol contrary to Alabama law have cause of action for civil damages against the person who provided the alcohol to the underage minor or caused the individual to become intoxicated or furnished a controlled substance to that person.
9. **Alabama Civil Damages Act**: A person may be liable for damages under civil law to a parent or guardian of a minor if that person unlawfully sells or furnished spirituous liquors to their minor child.
10. **Public Intoxication**: It is unlawful for a person to appear in a public place under the influence of alcohol, narcotics, or other drugs to a degree that she/he endangers her/himself or another person or property, or by boisterous and offensive conduct annoys another person in her/his vicinity.

**Violations of this Policy or Laws Outlined in this Policy**
Violations of this policy or laws listed will certainly result in University disciplinary action which, if the student is found responsible, could result in any or all of the following (this list is not exhaustive):
1. Required education or workshops
2. Housing suspension
3. Loss of privileges
4. Separation from the University; temporarily or permanently
5. Probation or registration holds

Violations of the laws listed in this policy could lead to University or local law enforcement action, which could lead to any and/or all of the following:

1. Court appearances
2. Criminal history and background created or extended
3. Fines
4. Jail time
5. Loss of privileges (license, etc.)
6. Workshop or assessment requirements by law
7. Further disciplinary charges from the University

For questions regarding this policy, please contact the Office of Community Standards & Student Ethics. (http://www.jsu.edu/community-standards/)

**Title IX Gender-Based and Sexual Misconduct Policy**
Members of the Jacksonville State University community, guests, and visitors have a right to be free from all forms of gender and sex-based discrimination, examples of which include, but are not limited to, acts of sexual violence, sexual harassment, domestic violence, dating violence, stalking, or discrimination based upon their sex, gender orientation or gender identity, or retaliation for reporting the same. All members of the University community are expected to conduct themselves in a manner that does not infringe on the rights of others. JSU has a zero tolerance policy for gender-based misconduct and will promptly investigate all allegations brought to the attention of University administrators. Where individuals are found to be in violation of this policy, appropriate sanctions will be imposed.

This policy has been developed to reaffirm the University’s commitment to maintaining a safe campus community and to provide proper recourse for those individuals whose rights have been violated. The enforcement procedures utilized in implementing this policy balance the rights of victims, complainants, the accused, and witnesses.
As the JSU administration is currently structured, the University's Title IX Coordinator is responsible for implementation and application of this policy:

Jennifer Argo  
102 Bibb Graves Hall  
Telephone: (256) 782-5769  
jargo@jsu.edu

Full information on JSU’s Title IX Gender-Based and Sexual Misconduct Policy (http://www.jsu.edu/titleix/title-ix-gender-based-and-sexual-misconduct-policy.html) and JSU’s Title IX Grievance Resolution Process including Procedures (http://www.jsu.edu/titleix/title-ix-grievance-resolution-process.html) can be found on the JSU website.

**Academic and Student Services**

**Bookstore (https://jsu.bncollege.com/shop/jsu/home/)**

The University Campus Bookstore is located on the second floor of the Theron Montgomery Building. Students may purchase books and supplies at the university bookstore, including new and used books, school and office supplies, clothing and gifts, software, and study guides. Textbook buyback days are scheduled for the week of finals at the end of fall, spring, and summer semesters. Extended operating hours are offered for the convenience of evening students.

**Career Services (http://www.jsu.edu/careerservices/)**

The Career Services office advertises part-time, co-op, internship, and full-time job postings online in Jlink (https://jsu-csm.symplicity.com/). Other services provided are resume critique, internships (not for academic credit), co-op program, mock interviews, federal resume writing assistance, career assessments, career counseling, job fairs, employer on-campus interviews, and informational sessions. The services are provided online and in person. Career Services is located in Kennamer Hall. To schedule an appointment, contact careerservices@jsu.edu or (256) 782-5482. Visit the Career Services (http://www.jsu.edu/careerservices/) website to learn more about the services and upcoming events. Questions for Career Services may be submitted using the Career Services Question Form (http://www.jsu.edu/careerservices/question-form/).

**Child Development Center (http://www.jsu.edu/education/fcs/cdc.html)**

The Cynthia H. Harper Child Development Center is operated by the Department of Family and Consumer Sciences and supports the instructional goals of the department. The center provides students and faculty opportunities for study and research related to the child. The center provides students enrolled in university courses opportunities to work with children in the preschool setting and provides children enrolled in the center an environment which promotes optimum development. Applications are accepted for children ages three to four years. Fees are due before classes begin and are paid directly to the JSU Office of Student Accounts. Fees per child are $500 for the fall semester, $500 for the spring semester, and $180 for the Summer term. The center is open from 7:15 a.m. to noon, Monday through Friday, when JSU classes are in session. Application forms may be obtained from the Department of Family and Consumer Sciences (http://www.jsu.edu/education/fcs/cdc.html).

**Counseling Services (http://www.jsu.edu/ccservices/)**

Counseling Services offers individual and group counseling for JSU students, faculty, and staff. Counselors are available for crisis response after hours and on weekends through the University Police Department. Individuals needing counseling may self-refer or may be referred by faculty members or other university personnel. Appointments can be obtained by calling (256) 782-5475 or by completing the online Request for Services (http://www.jsu.edu/ccservices/requestforservices.html) counseling request form. Counseling Services also offers a variety of treatment and other support groups on an as needed basis. Staff members in the office are responsible for implementing campus and community programming on topics pertaining to safety, health, and wellness.

Testing services are available to JSU students and the community, to include testing for:

- Proctored Exams
- Math Make-up Exams
- CLEP
- EPP
- Miller Analogy Test (MAT)
- Residual ACT
- The Alabama State Personnel Exam
- ProvExam Certificate
- ACT Workkeys
- TOEIC English Language Exam
- EIPA

Exams must be scheduled by appointment. There are fees associated with some administered tests. Current information regarding registration, fees, and testing dates can be located on the Counseling Services (http://www.jsu.edu/ccservices/) webpage or by calling (256) 782-5475. The office is open Monday through Friday from 8:00 a.m. to 4:30 p.m.

**Dining Services (https://jsudining.sodexomyway.com/)**

JSU Dining Services provides a variety of flexible meal plans to meet student needs. These plans are available for both resident and non-resident students. The meal plan account provides for prepaid meals at Jack Hopper Dining Hall and the Gamecock Diner in any combination of the all-you-care-to-eat meals at breakfast, brunch, lunch, or dinner. The plan also provides a declining balance account of flex dollars to be used at campus locations, such as Jack Hopper Dining Hall, Gamecock Diner, Chick-fil-A, WOW Wingery, Jazzman's Café, Freshen's, and Mein Bowl. Meals may be purchased in all locations on a cash basis. Dining Services also provides catering services both on and off campus. For additional information concerning the dining program or catering, contact Dining Services (https://jsudining.sodexomyway.com/), Jack Hopper Dining Hall, (256) 782-7242.
Disability Support Services (http://www.jsu.edu/dss/)

Disability Support Services (DSS) provides appropriate and reasonable accommodations for students with documented disabilities. It is the goal of DSS to ensure that students with disabilities have equal opportunity to achieve their personal academic goals while maintaining the integrity of JSU’s academic program requirements. DSS provides reasonable accommodations through a variety of services and programs. Accommodations may include:

- Exam Proctoring
- Special Testing Procedures
- Extended Time for Exams
- Priority Registration
- Interpreter Services (ASL)
- Captioning Services
- Readers
- Note Takers
- Brailed Formats
- Enlarged Printed Materials
- Alternative Formats
- Assistive Technology

An individual may come by 139 Daugette Hall or call (256) 782-8380 to set up an appointment to talk with DSS staff. Individuals may also access our information online at the Disability Support Services (http://www.jsu.edu/dss/) website.

Health Center (http://www.jsu.edu/studenthealth/)

The Student Health Center is a primary health care facility providing outpatient medical services, as well as promoting preventive health measures to currently enrolled students, staff, and faculty. Clients are encouraged to make an appointment, but walk-ins are welcomed. If you have an urgent need during hours when the health center is closed, you should dial 911 or contact the University Police Department (UPD) at (256) 782-5050.

Housing Operations and Residence Life (http://www.jsu.edu/housing/)

The Office of Housing Operations and Residence Life provides a variety of living options. There are traditional residence halls and apartments that enhance the community environment.

The Office of Housing Operations and Residence Life operates and maintains eight residence halls and over 700 apartments. To be eligible to live in university housing, a student must be admitted to Jacksonville State University in good standing and enrolled as a student. Students will be required to satisfy these eligibility standards throughout the academic year and to inform the Office of Housing Operations and Residence Life of any changes in their status that may affect their eligibility.

Students must apply online (http://www.jsu.edu/housing/apply.html) using their MyJSU username and password. A nonrefundable application fee of $200 is required at the time of submission. The priority deadline for applications is May 1. Room assignments are made based on the date on which applications are received; therefore, space may become limited before the May 1 priority deadline.

If students have a roommate preference, they must indicate their preference on the housing application/lease agreement. Roommate requests must be mutually requested and must include the correct student number of each roommate. Both roommate applications/lease agreements must be submitted by May 1 for the request to be considered. Both roommates must also select the same living options in the same order of preference. Lease rates are subject to change pending approval from the Board of Trustees of Jacksonville State University. The lease agreement is a legally binding document for the full academic year. Students are financially responsible for all room charges for the fall and spring semesters.

An assigned space must be claimed by the end of the first day of move in or the space will be reassigned. Students seeking to cancel their lease agreement should visit the Office of Housing Operations & Residence Life (http://www.jsu.edu/housing/) website for more information regarding deadlines and monetary penalties.

ID Cards (http://www.jsu.edu/iss/)

New ID cards are issued by the ID Office located beside the Food Court in the Theron Montgomery Building. Online students may go to the Online@JSU (http://www.jsu.edu/online/current-students/guide_online_students.html) website and click on "Student ID Cards." Once the request is received and processed, it will be sent to Institutional Support Services who will print the ID and send it back to the Online@JSU office. The Online@JSU office will send the ID to the student.

Information Technology (http://www.jsu.edu/it/)

The university has an extensive network of computer resources providing access to the internet, the JSU Administrative and Academic Networks, and the Alabama Research and Education Network. Academic computing labs are located throughout the campus and are available to all currently enrolled students. Email accounts are provided to all currently enrolled students. For further information on Information Technology, visit the Information Technology (http://www.jsu.edu/it/) website.

Instructional Services Unit (http://www.jsu.edu/education/isu/)

The Instructional Services Unit (ISU) is a division within the School of Education that provides a variety of support services. It consists of the Teaching/Learning Center (T/LC) (http://www.jsu.edu/education/isu/tlc.html), Learning Resource Center (LRC) (http://www.jsu.edu/education/isu/lrc.html), and the Multimedia Instructional Laboratories (MIL) (http://www.jsu.edu/education/isu/mil.html).

The T/LC provides students seeking admission into the teacher education program a practicum experience through the in-house tutorial service to community students in grades K-12. In the tutorial practicum, tutors have access to the internet, the JSU Administrative and Academic Networks, Institutional Support Services who will print the ID and send it back to the student.

The T/LC provides students seeking admission into the teacher education program a practicum experience through the in-house tutorial service to community students in grades K-12. In the tutorial practicum, tutors have available the latest technology and teaching strategies.

The LRC provides contemporary educational materials and equipment to T/LC practicum students, teachers currently employed in schools, JSU students, JSU faculty, and the general public. The materials include instructional games, kits, books, and audiovisuals. A wide variety of subjects are represented in the LRC holdings, including reading, language, mathematics, social studies, science, health, perceptual motor, special
education, and social-emotional development. Most of the items are available for short-term checkout. Additionally, the LRC offers media preparation services, such as laminating, copying, letter cutting, and transparency making. Word processing, color printing, and internet access are available to students, faculty, and the community through the LRC.

The MIL is the third unit of the ISU. The MIL consists of three computer labs. These computers have loaded software, such as Microsoft Office, etc.

The ISU is a service unit which is ever changing to better meet the needs of the School of Education.

**International House and Programs (http://www.jsu.edu/international/)**

The Office of International House and Programs provides support to international and American students. Services are provided to international students who attend or plan on attending the university. These services include:

- Assistance in making the adjustment to life in the United States
- Orientation to the university and the JSU community
- Proper maintenance and renewal of student immigration status
- Promotion of opportunities available to experience and enjoy American culture and the unique traits of JSU

This office provides support to JSU students who want to study abroad and faculty seeking research or exchange programs. Students interested in studying abroad are given information on opportunities and assistance in their study plans. University faculty interested in participating in exchange programs are also provided with information and assistance by this office. During their stay on the JSU campus, visiting faculty from universities abroad are provided with support.

International activities at the university are also supported through this office, including the oversight of international content in the curriculum. Cultural activities, student organizations, and student activities with international relevance are also under the guidance of this office.

International enrollment planning and actions, including university partnerships and agent partnerships, are managed through the office of International Programs. For additional information about the Office of International House and Programs (http://www.jsu.edu/international/), please call (256) 782-5303, visit the website, or visit the office on the second floor of the International House.

**Library (http://www.jsu.edu/library/)**

The twelve-story Houston Cole Library contains most of the university library collections. The collections, which consist of over 800,000 bound volumes plus numerous periodicals, electronic books, and full-text periodical databases, microforms, and audio-visual materials, meet the curriculum and research needs of the university community. Materials are available on all reading and interest levels. The library is a depository for government publications and United States Geological Survey maps. Through cooperative inter-library arrangements, the library makes its holdings available and has access to the resources of libraries throughout Alabama, the nation, and the world. The library web page (http://www.jsu.edu/library/) provides access to the catalog, periodical databases, and many other electronic resources.

The library is arranged by subjects on individual floors and served by subject specialist librarians. Library faculty and staff on these floors provide reference service and instruction in how to use library materials and search bibliographic databases. Library books and reserve materials may be checked out in the lobby. All library services are available to online and distance education students as well.

A computer lab is located on the 10th floor, and each subject floor provides public access computers hard-wired to the internet. Laptop computers can be checked out from the 6th floor listening lab for in-house use on the library's wireless networks. Group study rooms are available for check out on select floors.

Houston Cole Library is open 87 hours per week when classes are in session. The library offers extended hours during fall and spring semester final exams.

**Mail Center (http://www.jsu.edu/mailcenter/)**

To be assigned a mailbox, students must come to the customer service window at the JSU Mail Center. All correspondence from the university and personal correspondence will be placed into JSU mailboxes. Stamps, domestic faxing, and mail services are available at the JSU Mail Center.

The Mail Center is located on the 4th floor of the Theron Montgomery Building and is open from 8:00 a.m. to 4:30 p.m. Monday through Friday. Mail is delivered Monday through Friday; no Saturday delivery is offered. The Mail Center (http://www.jsu.edu/mailcenter/) telephone number is (256) 782-5290, the fax number is (256) 782-5291, or you may visit the website for more information.

**Online@JSU (http://www.jsu.edu/online/)**

Jacksonville State University strives to meet the needs of all students. Online teaching and learning enhances our ability to serve students by utilizing a continually evolving set of technological tools to reach students globally, or locally, who may before have been unable to participate in the university environment.

With an ever-expanding array of online programs and courses, students can participate in the university environment while continuing with work and personal schedules. By providing flexibility in scheduling and location, JSU draws students from diverse backgrounds and cultures. These high-quality programs and courses provide the education and tools needed for the fulfillment of goals, whether professional or personal.

Examinations may be administered online and/or through a proctor. Please see the Guide for Online Students (http://www.jsu.edu/online/current-students/guide_online_students.html) for more information.

During online courses, students may communicate with their instructors and classmates through email, threaded asynchronous discussions, live chats, and web conferencing.

Online courses are custom designed and facilitated by highly-qualified JSU faculty, aided by instructional designers, for an engaging and superior learning experience. Technical support is available 24/7/365 within the Canvas environment, JSU’s new cloud-based learning management system, which hosts the online courses.

For further information, students may contact Online@JSU (http://www.jsu.edu/online/) at online@jsu.edu, (256) 782-8172, or toll free at 1-800-231-JAX1 (extension 8172).
Parking (http://www.jsu.edu/police/parking.html)

All students, staff, and faculty parking on campus must have parking decals. Decals may be obtained by logging into your MyJSU account. The JSU Police Department has the authority to promulgate and enforce rules and regulations for the operation and parking of vehicles on campus. The responsibility of obtaining knowledge of the parking and traffic regulations rests with the vehicle operator. These rules and regulations are subject to enforcement 24 hours a day, seven days a week. Jacksonville State University reserves the right to remove vehicles when in violation of the Code of Alabama, Rules of the Road, ordinances of the City of Jacksonville, and parking rules and regulations for Jacksonville State University. Jacksonville State University assumes no responsibility for damage incurred while moving said vehicles. Vehicles may also be booted and towed for unpaid parking citations and when parking privileges have been revoked.

The basic principles of the parking regulations at Jacksonville State University are as follows:

1. All faculty, staff, students, and contract employees parking vehicles on University property must obtain and have a JSUPD issued parking decal properly displayed on their vehicles. The most up-to-date decal issued supersedes any previous decal issued, regardless of the expiration date.

2. Visitors parking vehicles on University property must obtain and have a JSU issued visitor’s pass properly displayed on their vehicles. Visitor parking passes must be obtained at UPD or issued by the building visited by the building manager or their designee. Visitor passes are valid for one business day.

3. Operators must park their vehicles only in the designated parking zones indicated by the privileges of the assigned parking decal. Any vehicle parked in the wrong zone, at yellow curbs, where obstructing vehicle or pedestrian traffic flow, in reserved parking, in the GX Bus Station or any other area dictated by existing State law or University regulations will be subject to a parking citation, boot, or the vehicle being towed at the owner’s expense.

Please visit the Parking Regulations (http://www.jsu.edu/police/traffic.html) website to review all rules and regulation concerning parking.

Public Safety (http://www.jsu.edu/police/)

The University Police Department provides a wide range of public safety services to include law enforcement, security, parking enforcement, communications, emergency management, and administrative services. Students and employees may report crime, accidents, and other emergencies to the University Police 24 hours a day, seven days a week. Crime information (http://www.jsu.edu/police/crimestats.html) is available online. All students, staff, and faculty parking on campus must have a parking decal. Visitors may obtain a visitor parking pass at Salls Hall. Decals may be obtained by logging into your MyJSU account. Please visit the University Police Department (http://www.jsu.edu/police/) webpage for further information about the department and services available.

Veteran Services (http://www.jsu.edu/veterans/)

Veteran Services (VS) aims to provide VA Educational benefits counseling, academic and career support services, and advocacy for all military-connected students at JSU. We serve all active duty, guard/reserve, veteran, and dependent students who are associated with JSU. It is the goal of VS to ensure that all military-connected students have their VA Educational benefits certified in a timely manner and have the resources necessary to reach their personal, academic, and professional goals. You can reach VS at (256) 782-8838 or veterans@jsu.edu.

Financial Aid

The FAFSA contains questions pertaining to the student’s assets, income, year in college, etc. Students who are dependent on their parents, based on Federal student aid guidelines, must also submit information concerning parental income, assets, and other items.

Once the applicant completes the FAFSA on the web, the applicant is sent a Student Aid Report (paper or by email link) and also forwards information to the college(s) the applicant lists to receive the data. It is the student’s responsibility to check his/her JSU email and MyJSU for detailed information. The Student Aid Report is used to determine eligibility for federal financial aid and other financial aid programs, as it contains the expected family contribution to the applicant’s cost of attendance.

Applicants and their parents are cautioned to complete all forms as honestly and accurately as possible. Any person who knowingly makes a false statement is subject to a fine or imprisonment or both under provisions of the United States Criminal Code. Applicants are also reminded that they may be asked to substantiate information they submit on the need analysis. Each year the federal government selects approximately 30% of all applicants for verification. Those selected for verification must provide documentation such as, but not limited to, federal tax return transcripts in order to receive financial aid.

Note that application for financial aid must be made for each academic year; no awards are automatically renewed from year to year. Although the university accepts applications through the academic year, March 15 has been established as the preference deadline for applying for most types of assistance.

Those interested in detailed information on federal financial aid may visit the JSU Financial Aid Office (http://www.jsu.edu/finaid/) or the Federal Student Aid website of the U.S. Department of Education (https://studentaid.ed.gov/sa/).

Note that information provided herein is of a general nature and is not intended to explain in detail all financial aid programs. Programs described herein are subject to Federal, State, and institutional guidelines and are subject to change without notice.

Students who apply for federal assistance are required to use their Social Security number for identification purposes. The U.S. Department of
Education’s legal right to require the use of Social Security numbers for eligibility for the Title IV Programs is based on section 484(a)(4)(B) of the Higher Education Act of 1965, as amended. Complete information on usage of your Social Security number is located in the Free Application for Federal Student Aid.

**Loans**

Students who must borrow money to finance their education should consider long-term, low interest loans available to those who meet eligibility requirements. Loans must be repaid regardless of whether recipients graduate. The following loans are available to eligible graduate students:

**The Federal Stafford Direct Loan Program**

JSU participates in the Federal Stafford Direct Loan Program. Interest rates for the Federal Stafford Direct Loan Program are variable with a cap of 8.25%. Repayment begins six months after the student’s enrollment ceases to be at least half-time status. For the most current Federal Stafford Direct Loan information please visit the Federal Student Aid website of the U.S. Department of Education (https://studentaid.ed.gov/sa/).

There are two types of Federal Stafford Direct Loans for graduate/doctoral students:

1. **Federal Stafford Direct Unsubsidized Loans** provide low interest rates and are available to all students regardless of financial need (although the FAFSA still must be filed). A credit check is not required to receive these loans. The student is responsible for the interest, which may be paid while the student is in school or accrued and then added to the principal balance when the student enters repayment, which occurs six months after the student is no longer enrolled in school at least half time.

2. **Federal Direct Graduate PLUS Loans** are low interest loans that graduate students may obtain to help pay their own education. PLUS loans require a credit check and, in some instances, an eligible cosigner. Repayment of PLUS loans begins following the final disbursement for the year. Graduate students may be able to defer repayment of their PLUS loans until after the student is no longer enrolled in school at least half time, although interest will continue to accrue. Additional paperwork may be required. Students must also complete a separate Entrance Counseling and Master Promissory Note. Steps to apply are listed on the JSU Financial Aid Office (http://www.jsu.edu/finaid/) website under the FAQ & Hints tab.

**Loan Limits**

For graduate/professional students, a maximum aggregate loan eligibility (including undergraduate loans) is $138,500, and the award amount is up to $20,500 per academic year.

JSU no longer participates in the Federal Perkins Loan Program.

To apply for Federal Stafford Loans, submit a FAFSA (https://studentaid.ed.gov/sa/fafsa/) as soon as possible after October 1 (for the year you plan to attend) and check MyJSU for any other documentation that may be required by the U.S. Department of Education and the Financial Aid Office. The Financial Aid Office will notify applicants of their eligibility via JSU email. If you have additional questions regarding financial aid or the financial aid process, please visit FAQs & Hints on the Financial Aid Office (http://www.jsu.edu/finaid/) website.

**Scholarships**

Jacksonville State University offers various scholarships each year based on academic achievement. Consult the scholarship listing (http://www.jsu.edu/finaid/scholarships/) for information pertaining to individual requirements and/or restrictions for scholarships offered. Scholarship offers are subject to the applicant being admitted to the university and available funding. The scholarship application varies.

Additional information may be obtained by emailing scholarships@jsu.edu or visiting the JSU Scholarships (http://www.jsu.edu/finaid/scholarships/) website.

**Veterans Benefits**

Service Members, Veterans, and Dependents may be eligible for educational assistance through a variety of programs. Additional information can be found on the JSU Veteran Services (http://www.jsu.edu/veterans/) website.

For students receiving VA education benefits, any complaint against the school should be routed through the VA GI Bill Feedback System on the U.S. Department of Veterans Affairs website (https://www.benefits.va.gov/GIBILL/Feedback.asp). The VA will then follow up through the appropriate channels to investigate the complaint and resolve it satisfactorily.

For Veterans Benefits purposes only, the following full time/part time classifications apply for non-standard terms:

<table>
<thead>
<tr>
<th>Part of Summer Term</th>
<th>1/4 Time</th>
<th>1/2 Time</th>
<th>Full Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer I</td>
<td>1 hour</td>
<td>2 hours</td>
<td>3 hours</td>
</tr>
<tr>
<td>Four Week June</td>
<td>1 hour</td>
<td>2 hours</td>
<td>3 hours</td>
</tr>
<tr>
<td>Summer II</td>
<td>1 hour</td>
<td>2 hours</td>
<td>3 hours</td>
</tr>
<tr>
<td>Full Summer</td>
<td>1 hour</td>
<td>2 hours</td>
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**Vocational Rehabilitation**

Students who have disabilities may be eligible for a special assistance program through the Alabama Department of Rehabilitation Services (ADRS). Information may be obtained from the ADRS State Office:

ADRS State Office  
2127 East South Blvd.  
Montgomery, AL 36116  
Telephone: (334) 228-0220

Disability Support Services (DSS) can provide information and is located in Room 139, Daugette Hall, (256) 782-8380.

**Other Aid Information**

For information on any other types of aid that may be available to students, please visit the JSU Financial Aid Office (http://www.jsu.edu/finaid/types/) website.

**Enrollment Requirements**

All financial aid programs are contingent upon actual enrollment at JSU. Most programs require at least half-time (graduate students – six graduate credit hours; doctoral students – three doctoral credit hours) of financial aid eligible coursework for eligibility during each semester. Federal Stafford Loans and work study require a student to be enrolled in at least half time. **Students who are required to take undergraduate**
deficiencies must contact the JSU Financial Aid Office for eligibility criteria. Questions pertaining to individual program requirements for maximum benefits should be addressed to the JSU Financial Aid Office.

Students who attend during the summer sessions may qualify for financial assistance if they have remaining eligibility and are enrolled at least half time.

Federal assistance is available only to students who are enrolled in a financial aid-eligible program. Special students, professional development/non-degree seeking, and transient students are, therefore, ineligible for federal aid.

Students receiving financial aid who withdraw or stop attending classes may be required to repay all or a portion of the amount of financial aid received for that term. For more information please review the Federal Official/Unofficial Withdrawal Policy on the JSU Financial Aid Office (http://www.jsu.edu/finaid/) website and select Forms, then Federal Return to Title IV Policy.

Graduate students may be required to complete undergraduate preparatory coursework (undergraduate deficiencies) when enrolling in a graduate degree program. Please note that these undergraduate preparatory courses may or may not be eligible for federal financial aid. It is recommended that all graduate students speak with the departments of their majors prior to submitting a graduate admissions application.

Graduate Program Time Length for Completion

- Certificate graduate programs that require 12 - 18 credit hours for completion have an expected completion time length of 1 academic year.
- Graduate programs that require 30 credit hours for completion have an expected completion time length of 1.5 academic years.
- Graduate programs that require 31 - 36 credit hours for completion have an expected completion time length of 2 academic years.
- Graduate programs that require 37 - 48 credit hours for completion have an expected completion time length of 2.5 academic years.
- Graduate programs that require 60 credit hours for completion have an expected completion time length of 3.5 academic years.

Satisfactory Academic Progress

In order to be eligible for federal financial aid, students must be enrolled and making progress in a financial aid-eligible program. There are criteria for meeting Satisfactory Academic Progress (SAP): cumulative Grade Point Average (GPA), pace of progression/completion, completion rate, and maximum time frame. JSU reserves the right to monitor satisfactory academic progress periodically throughout the calendar year.

The Satisfactory Academic Progress and Appeals Policy is located on the MyJSU webpage your financial aid status and on the JSU Financial Aid Office (http://www.jsu.edu/finaid/) website where you will select Forms, select the academic year you plan to attend, and then select Satisfactory Academic Progress and Appeals Policy.

Awarding, Acceptance, and Payment of Financial Aid

Students who are determined to be eligible for Federal Stafford Direct Loans and Federal Work Study should receive emails in their JSU email accounts. (The instructions listed in the email are also located on the JSU Financial Aid Office (http://www.jsu.edu/finaid/) website under FAQ’s & Hints.) The initial email will list instructions for the student to complete his/her file through MyJSU. Once the student has completed his/her financial aid file, another email should be sent to the student listing instructions for accepting the Offer of Financial Aid and completing a Master Promissory Note and Entrance Counseling. This assistance and scholarships awarded by the university are credited to the student’s account, and a check is issued to the student’s campus mail box or direct deposit for the balance, if applicable, approximately two weeks after classes begin. A student must sign up for direct deposit on MyJSU by selecting View Account, and the Make Payment.

Students may use their accepted Offer of Financial Aid to confirm classes and/or university housing and meal plan costs, if their assistance has been processed by the required payment dates. Accepted Offers of Financial Aid will appear on MyJSU. More detailed information on paying confirmation costs is located on the Office of Student Accounts (http://www.jsu.edu/bursar/) website.

Cancellation of Financial Aid

Students scheduled to receive financial aid who do not plan to attend a term for which they have pre-registered must notify, in writing, both the Financial Aid Office and the Registrar’s Office prior to the first day of classes to cancel their pre-registration and financial aid. Students who fail to do this will be enrolled in classes and receive academic and financial penalty for not attending classes.

Employment of Students

JSU offers five possible employment opportunities for students enrolled through Graduate Studies:

1. Graduate Assistantships
2. University Student Employee Program (University Aide)
3. Federal Work-Study
4. Part-Time Off-Campus Employment
5. Cooperative Education

Graduate assistants, University Aide students, and Federal Work Study students cannot work more than 26 hours per week.

Graduate Assistantships

Several salaried assistantships are awarded each year. In addition to a monthly stipend, these assistantships also cover six to nine (6-9) semester hours of graduate tuition for the fall and spring semesters and a total of six to nine (6-9) semester hours of graduate tuition during the summer sessions. Graduate assistants must report to the Human Resources Office in Bibb Graves Hall to produce evidence of identity and employment authorization within three business days of the date employment begins. If you choose to apply for employment as a graduate assistant at JSU, your transcripts and letters of recommendation will be reviewed by personnel from the units who will supervise a graduate assistantship. To apply, go to the online employment system via the Human Resources (http://www.jsu.edu/hr/student-employment/) website. For additional information, contact Graduate Studies, 256-782-5345, or email vansandt@jsu.edu.

University Student Employee Program – University Aide

Many JSU students work part-time in campus positions in a variety of departmental areas. These positions are not maintained or awarded by the Financial Aid Office and do not require a financial aid application. Once a student is hired, he/she must sign the University Aide Contract with the hiring department.
Federal Work-Study (FWSP)
This program is federally funded and is available to qualified students who demonstrate financial need. Students are employed on campus approximately 15 hours per week at minimum wage and are paid monthly. It is the student’s responsibility to find his/her position once he/she has received notice of eligibility. Funds for this program are limited, and a limited number of FWSP community service opportunities are available through the Financial Aid Office. JSU positions may be listed on the Human Resources (http://www.jsu.edu/hr/) website under Job Opportunities.

Part-Time Off-Campus Employment
Information concerning employment off campus is available on the Career Services (http://www.jsu.edu/careerservices/) website.

Graduate Cooperative Education Program at Jacksonville State University
Cooperative Education is a unique partnership between the university, industry, and business community. Professional employment allows students to apply the knowledge learned in the classroom to the workplace, in addition to the development of intellect and culture within their major fields of study. The co-op program is designed to be an integral part of the graduate student’s academic program.

Cooperative Education allows graduate students to work full-time/40 hours per week or part-time/20 hours per week in a professional workplace, while pursuing at least three credit hours (alternate schedule) and six credit hours (parallel schedule) at Jacksonville State University.

There are no fees associated with the graduate co-op program, and, if approved, students are provided full-time enrollment status.

For further information please contact Career Services (http://www.jsu.edu/careerservices/) and Mr. Carlos Acosta, cacosta@jsu.edu.

Nondiscrimination
All financial aid is awarded without regard to age, sex, race, religion, physical or mental handicap, or national origin. Federal financial aid is available only to citizens, eligible non-citizens, national, or permanent residents of the United States.

Internal Revenue Service Tax Laws
The Taxpayer Relief Act of 1997 allows qualified students and/or parents to receive benefits when filing federal income tax returns for certain educational expenses. Taxpayers who are interested in this legislation, which includes Lifetime Learning Tax Credit, should contact their tax preparers. There are other provisions for interest paid on educational loans. The university does not provide tax advice and makes no representation on the tax law.

Special Note to Students
Information provided in this catalog is of a general nature and is not intended to explain in detail all financial aid programs. Programs described herein are subject to Federal, State, and institutional guidelines and are subject to change without notice. Additional information is located in the Student Handbook (http://www.jsu.edu/studentaffairs/handbook.html) and publications prepared by the JSU Financial Aid Office (http://www.jsu.edu/finaid/). These publications also contain information about the usage of Social Security numbers, the Family Rights and Privacy Act, and the Student Right to Know Information.

Institutional and Financial Assistance Information for Students
Federal regulations require educational institutions to disclose certain information to enrolled students, prospective students, parents, and employees. This information includes:
- The Family Education Rights and Privacy Act
- Deferment procedures for students receiving FFEL/Direct Loans for Peace Corps or volunteer services
- Financial assistance programs
- General institutional information (such as curriculum and costs)
- Graduation rates
- Campus security reports
- HEOA Text Book Law
- Drug free workplace policy
- Athletic program participation rates
- Financial support data

Students may also view Jacksonville State University Consumer Information (http://www.jsu.edu/consumer/).

Tuition and Fees Financial Policies

Tuition and Fee Rates
- As a student at JSU, it is your responsibility to pay all tuition and fees by the published due date. Not doing so will result in your course registration being cancelled.
- Current tuition and fees may be found on the Office of Student Accounts (http://www.jsu.edu/bursar/fees/) webpage.
- All Tuition and Fees are Subject to Change.

Payments
Payment may be made by one of the following ways:
1. Office of Student Accounts cashier window, 2nd floor of Bibb Graves Hall
2. Online at http://my.jsu.edu using a valid checking or savings account, Visa, Mastercard, or Discover
3. By mail with a check or money order, which must be received in the Office of Student Accounts by the published due date

Students are responsible for knowing all registration and fee payment dates.

Payment Plan
Jacksonville State University offers students an installment plan to budget the costs of tuition, university housing, and other fees. Details for the payment plan may be found on the Office of Student Accounts (http://www.jsu.edu/bursar/fees/) webpage.

Checks
When paying by check, Jacksonville State University is authorized to either use the information from the check to make a one-time electronic fund transfer from your account or to process the payment as a check. In the event a check presented is not honored by the bank, JSU will charge the current maximum fee allowed by the State of Alabama for each return. Administrative withdrawal from the university could result
I. Withdrawal:

Refunds of Charge Adjustments

782-5458.

Office of Student Accounts at JSU, you agree and give express consent that the University or anyone working on their behalf, including third party vendors, may contact you at the number provided by manually dialing the number or by using automated dialing technology.

Note: Withdrawal refers to ending enrollment in all classes at JSU for the semester.

Tuition will be refunded as follows for summer semesters:

• 100% of total tuition charged if withdrawal from the summer semester occurs by the last day to register for that semester.
• 80% of total tuition charged if withdrawal from the summer semester occurs within one (1) day after the close of the registration period for that semester.
• 50% of total tuition charged if withdrawal from the summer semester occurs within two (2) days after the close of registration.
• No adjustment if withdrawal occurs thereafter.

Note: Withdrawal refers to ending enrollment in all classes at JSU for the semester.

Students who withdraw while on financial aid may have to repay all or a portion of the amount of aid received and may owe the university money. Please check with the Financial Aid Office or the Office of Student Accounts for more details. If you live in university housing, please contact the Office of Housing Operations and Residence Life for the housing refund policy.

II. Change of Course(s) or Drop:

Tuition will be refunded as follows for dropped courses during all semesters:

• 100% of total tuition charged for the dropped course if the drop occurs by the last day to register.
• No refund for dropping of a course after the last day to register for the semester.

Note: Drop refers to dropping one or more courses while still being enrolled in any other course(s) for the semester.

Fee Refunds or Charge Adjustments

I. Withdrawal

University Fees, Program Fees, and Course Fees will be refunded as follows for fall and spring semesters:

• 100% of total university fees, program fees, and course fees charged if withdrawal from all courses or the semester occurs by the last day to register for the semester.
• No adjustments to fees if withdrawal occurs thereafter.

Note: Withdrawal refers to ending enrollment in all classes at JSU for the semester.

University Fees, Program Fees, and Course Fees will be refunded as follows for summer semesters:

• 100% of total university fees, program fees, and course fees charged if withdrawal from all courses for the semester occurs by the last day to register for the semester.
• No adjustments to fees if withdrawal occurs thereafter.

Note: Withdrawal refers to ending enrollment in all classes at JSU for the semester.

International Student Financial Policies

International students are required each semester to pay tuition, fees, and residence hall charges in U.S. dollars to confirm registration. International students must conform to United States Customs and Immigration Services (USCIS) regulations concerning the USCIS Form I-20, section 8, for financial assurance. All international students are required to carry health and repatriation insurance. International students are required to be enrolled full-time for at least nine graduate hours each semester, and at least six of those hours must be taken on JSU’s campus in a face-to-face format. The U.S. government requires that all international students maintain a physical presence on the campus of the institution in which they are enrolled. Graduate classes are scheduled to accommodate that requirement, and it is the university’s expectation that all international students abide by that requirement. Failure to do so could result in the student being classified as out-of-status with U.S. Immigration.

Withholding of Credits

Students are expected to meet all financial obligations to JSU. Registration, transcripts, and/or diploma will be withheld if a student fails to meet his/her financial obligations.

In the event a student fails to satisfy a financial obligation to the University and the debt is referred to an outside attorney or agency for collection, in addition to the debt (principal plus applicable interest), the student will be responsible for all costs, charges, and expenses incurred by the University, including attorney’s fees and/or collection agency fees and expenses, not to exceed thirty-three and 1/3 percent (33.3%) of the debt, plus litigation expenses and court costs, if applicable. Debts owed the University may be referred out for collection as accounts or, where litigation has concluded, as judgments. Delinquent accounts may accrue interest at the contract rate or, where none is stated, at the maximum rate allowed by Alabama law. Any judgment obtained in favor of the University will accrue interest at the rate set by Alabama law for unpaid judgments. By providing your telephone number to JSU, you agree and give express consent that the University or anyone working on their behalf, including third party vendors, may contact you at the number provided by manually dialing the number or by using automated dialing technology.

If you have questions about charges and refunds, please contact the Office of Student Accounts at bursar@jsu.edu (//bursar@jsu.edu), (256) 782-5458.

Refunds of Charge Adjustments

I. Withdrawal:

Tuition will be refunded as follows for fall and spring semesters:

• 100% of total tuition charged if withdrawal from all courses for the semester occurs by the last day to register for the semester.
• 80% of total tuition charged if withdrawal from all courses for the semester occurs within one (1) week after the close of the registration period.
• 50% of total tuition charged if withdrawal from classes occurs within three (3) weeks after the close of registration.
• No adjustment if withdrawal occurs thereafter.

II. Change of Course(s) or Drop:

Tuition will be refunded as follows for dropped courses during all semesters:

• 100% of total tuition charged for the dropped course if the drop occurs by the last day to register.
• No refund for dropping of a course after the last day to register for the semester.

Note: Drop refers to dropping one or more courses while still being enrolled in any other course(s) for the semester.

Fee Refunds or Charge Adjustments

I. Withdrawal

University Fees, Program Fees, and Course Fees will be refunded as follows for fall and spring semesters:

• 100% of total university fees, program fees, and course fees charged if withdrawal from all courses or the semester occurs by the last day to register for the semester.
• No adjustments to fees if withdrawal occurs thereafter.

Note: Withdrawal refers to ending enrollment in all classes at JSU for the semester.

University Fees, Program Fees, and Course Fees will be refunded as follows for summer semesters:

• 100% of total university fees, program fees, and course fees charged if withdrawal from all courses for the semester occurs by the last day to register for the semester.
• No adjustments to fees if withdrawal occurs thereafter.

Note: Withdrawal refers to ending enrollment in all classes at JSU for the semester.

Students who withdraw while on financial aid may have to repay all or a portion of the amount of aid received and may owe the university money. Please check with the Financial Aid Office or the Office of Student Accounts for more details. If you live in university housing, please contact the Office of Housing Operations and Residence Life for the housing refund policy.

II. Change of Course(s) or Drop:

Tuition will be refunded as follows for dropped courses during all semesters:

• 100% of total tuition charged for the dropped course if the drop occurs by the last day to register.
• No refund for dropping of a course after the last day to register for the semester.

Note: Drop refers to dropping one or more courses while still being enrolled in any other course(s) for the semester.

Fee Refunds or Charge Adjustments

I. Withdrawal

University Fees, Program Fees, and Course Fees will be refunded as follows for fall and spring semesters:

• 100% of total university fees, program fees, and course fees charged if withdrawal from all courses or the semester occurs by the last day to register for the semester.
• No adjustments to fees if withdrawal occurs thereafter.

Note: Withdrawal refers to ending enrollment in all classes at JSU for the semester.

University Fees, Program Fees, and Course Fees will be refunded as follows for summer semesters:

• 100% of total university fees, program fees, and course fees charged if withdrawal from all courses for the semester occurs by the last day to register for the semester.
• No adjustments to fees if withdrawal occurs thereafter.

Note: Withdrawal refers to ending enrollment in all classes at JSU for the semester.
II. Change of Course(s) or Drop
University Fees, Program Fees, and Course Fees will be refunded as follows for all semesters:

• 100% of total university fees that are charged by the credit hour, program fees, and course fees for the dropped course if the drop occurs by the last day to register for the semester.
• No refund of fees for dropping a course after the last day to register for the semester.

Note: Drop refers to dropping one or more courses while still being enrolled in any other course(s) for the semester.

Out-of-State Fees
Residency determination and the application of out-of-state fees and tuition will be made in accordance with the laws of the State of Alabama. Graduate students should contact the Registrar’s Office with any questions. Petitions for in-state tuition that are granted prior to the last day of the drop/add period will be effective that semester. After the last day of the drop/add period, in-state tuition determination will apply to the next academic semester. Determination of in-state tuition is not retroactive.

Veterans Affairs In-State Residency Policy for Tuition Purposes
The following individuals shall be charged a rate of tuition not to exceed the in-state rate for tuition and fees purposes:

• A Veteran using educational assistance under either Chapter 30 (Montgomery GI Bill – Active Duty) or Chapter 33 (Post-9/11 GI Bill), of Title 38, United States Code, who lives in Alabama while attending a school located in Alabama (regardless of his/her formal state of residence) and enrolls in the school within three years of discharge or release from a period of active duty service of 90 days or more.
• Anyone using transferred Post-9/11 GI Bill benefits (38 U.S.C. § 3319) who lives in Alabama while attending school located in Alabama (regardless of his/her formal state of residence) and enrolls in the school within three years of the transferor’s discharge or release from a period of active duty service of 90 days or more.
• Anyone described above while he or she remains continuously enrolled (other than during regularly scheduled breaks between courses, semesters, or terms) at the same school. The person so described must have enrolled in the school prior to the expiration of the three year period following discharge or release as described above and must be using educational benefits under either chapter 30 or chapter 33, of title 38, United States Code.
• Anyone using transferred Post-9/11 GI Bill benefits (38 U.S.C. § 3319) who lives in Alabama while attending a school located in Alabama (regardless of his/her formal state of residence) and the transferor is a member of the uniformed service who is serving on active duty.
• Anyone using benefits under the Marine Gunnery Sergeant John David Fry Scholarship (38 U.S.C. § 3311(b)(9)) who lives in Alabama while attending a school in Alabama (regardless of his/her formal state of residence).
• Anyone using educational assistance under chapter 31, Vocational Rehabilitation/Employment (VR&E), also be charged the resident rate. Effective for courses and terms beginning after March 1, 2019, a public institution of higher learning must charge the resident rate to chapter 31 participants, as well as the other categories of individuals described above. When an institution charges those individuals more than the rate for resident students, VA is required to disapprove programs of education sponsored by VA.
• The policy shall be read to be amended as necessary to be compliant with the requirements of 38 U.S.C. 3679(c) as amended.
SCHOOL OF ARTS AND HUMANITIES

Dean: Dr. Staci Stone

The School of Arts and Humanities offers courses in humanities and arts to support the university’s general studies curriculum and educational programs, as well as traditional liberal arts, professional, and graduate programs of study leading to baccalaureate degrees and master’s degrees. The school gives highest priority to the quality of teaching delivered by its diverse and highly qualified faculty, while recognizing and promoting scholarly efforts, creative endeavors, and service, internal and external to Jacksonville State University. Using available resources, the school strives continuously for academic excellence, while keeping in mind the needs of its students.

Department of Art

Department Head: J. Seth Johnson, jsjohnson@jsu.edu

MFA Program Coordinator: Jamie Runnells, jrunnells@jsu.edu

The Department of Art offers courses leading to the Master of Fine Arts (MFA) degree with a major in Visual Communication Design and supporting courses for the Master of Arts (MA) degree in Integrated Studies. The Department of Art is accredited with the National Association of Schools of Art and Design (NASAD) and is a member of the College Art Association (CAA).

Visual Communication Design includes graphic design for print and web, typography, art direction, motion and interactive design, illustration, photomedia, and other specializations. Designers analyze, plan, and create visual solutions to communication problems.

- Visual Communication Design (Master of Fine Arts) (p. 33)

Professor

Clark, Doug (p. 165)

Johnson, J. Seth (p. 168)

Runnells, Jamie (p. 171)

Associate Professor

Anderson, William Chad (p. 164)

Lafferty, Bryce (p. 168)

McElroy, Allison (p. 169)

Miles, Sarah Cusimano (p. 170)

Assistant Professor

Dunn, Christian M. (p. 166)

Oles, John (p. 170)

Springer, Mary (p. 171)

Visual Communication Design

(Master of Fine Arts)

The MFA in Visual Communication Design is a terminal degree that allows students to concentrate in one specific discipline under the umbrella of Visual Communication Design (for example, web design or illustration) OR to complete individually crafted interdisciplinary programs of study also under the umbrella of Visual Communication Design. The course of study integrates both research and studio components and is designed to assist students in developing a professional portfolio by the completion of their degree. The 60 hour MFA program, with a possible completion time of three years, also prepares graduates to teach at the university level.

Both scholarships and teaching assistant positions are available to qualified applicants.

Application Deadlines

Applicants will only be accepted for enrollment each fall and spring semester. Deadline dates for applications and receipt of all required application materials are:

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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>February 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>October 1</td>
<td>Spring Admission</td>
</tr>
</tbody>
</table>

Applicants may be considered after these deadlines based on availability. Preference will be given to applicants for full-time study. Contact the Department of Art for more information at (256) 782-5626 or Graduate Admissions at (256) 782-5348. Applications will be accepted on an ongoing basis with the review process starting in mid-January.

Application Materials Required for the MFA with a Major in Visual Communication Design

Applications for the MFA degree with a major in Visual Communication Design must submit all of the following documentation to Graduate Admissions to be considered for admission:

- Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
- Non-refundable $35.00 application processing fee.
- Official transcripts(s) from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
- Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Two of these must be from educators and/or professionals in the field of visual communication and design. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
- Statement of Purpose – A statement of purpose should outline the applicant’s current or previous work as relevant to plans and

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602
Admission Requirements for the MFA with a Major in Visual Communication Design

In addition to meeting general admission requirements of Graduate Studies, applicants for the MFA with a major in Visual Communication Design must have an undergraduate major in Art, Graphic Design, or the equivalent, as determined by the head of the Art Department. Applicants to the MFA must meet the following admission requirements:

- Grade Point Average – At least 3.00 for the final 60 semester hours (90 quarter hours) of undergraduate study.
- Deficiencies – Admission to the MFA program is based on the extent and quality of undergraduate preparation, including courses in studio art, art history, and other academic subjects. Quality of studio preparation is judged on the basis of careful evaluation of work done at the undergraduate level. Prior to the admission of the successful applicant, the graduate faculty will determine the individual's deficiencies in art studio, art history, and general education, and inform the student of the findings. The prospective student will be given a clear indication of the prerequisites required, emphasizing that no coursework taken to compensate for deficiencies in undergraduate preparation can be counted as contributing to the minimum number of credit required for the MFA degree.

Unconditional Admission

Unconditional admission is determined by the faculty in the Art Department.

Conditional Admission

Any applicant failing to meet the requirements for unconditional admission may be conditionally admitted with the recommendation of the graduate faculty in the applicant's major and approval of the Director of Graduate Studies.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MFA with a Major in Visual Communication Design

An overall 3.00 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

Minimum semester hours required: 60

Coursework required: A minimum of 39 credit hours of studio:

- 30 credit hours must be in visual communication design studios
- A minimum of nine credit hours in art academic courses (research, theory, and art history)
- Suggested six credit hours of approved non-Art academic elective studies;
- Remaining credit hours (6) may be applied to any combination of studio, art academic, or elective courses

Studio Project required: No other options are available.

Studio Project: All MFA candidates must present for review at a public exhibition or other approved public venue.

Other requirements: Continuation in the MFA program beyond the first 30 semester hours requires an evaluation and recommendation of the MFA Committee.

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Department of Drama

Department Head: Dr. Randal Blades, rblades@jsu.edu

The Department of Drama offers supporting courses for the Master of Arts (MA) with a major in Integrated Studies. For students majoring in Secondary Education with a teaching field in English Language Arts, supporting courses are offered for the Master of Science in Education (MSE) degree. A graduate degree program is not offered in drama.

Associate Professor

Blades, Randal W. (p. 164)

Peck, Ellen M. (p. 170)

Department of English

Department Head: Dr. Robert Felgar, bfelgar@jsu.edu

MA Coordinator: Dr. Randy Davis, rdavis@jsu.edu

The Department of English offers courses leading to the Master of Arts (MA) degree with a major in English and supporting courses for the Master of Arts (MA) degree with a major in Integrated Studies. For students majoring in Secondary Education with a teaching field in English
Language Arts, supporting courses are offered for the Master of Science in Education (MSE) degree.

- English (Master of Arts) (p. 35)

**Distinguished Professor**

Di Biase, Carmine G. (p. 166)

Felgar, III, Robert P. (p. 166)

**Professor**

Davis, Randall C. (p. 165)

Gates, Joanne E. (p. 166)

Gray, Larry (p. 166)

Jones, John H. (p. 168)

Kostova, Raina (p. 168)

Reed, Teresa (p. 171)

Stone, Staci (p. 172)

**Associate Professor**

Porter, Andrea (p. 170)

**English (Master of Arts)**

**Application Deadlines**

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

**Application Materials Required for the MA with a Major in English**

Applicants for the MA with a major in English will be permitted to enroll for one semester of graduate coursework (only after degree posted transcripts have been received) while completing all other general application procedure requirements.

Applicants for the MA with a major in English must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
6. A writing sample may be requested.

**Admission Requirements for the MA with a Major in English**

In addition to meeting general admission requirements of Graduate Studies, applicants for the MA with a major in English must have an undergraduate minor in English or its equivalent, as determined by the head of the English Department.

**Unconditional Admission**

- Applicants with an undergraduate GPA of at least a 3.00 (on a 4.00 grade point scale) are eligible for unconditional admission.

**Conditional Admission**

- Applicants with an undergraduate GPA of less than 3.00 may be conditionally admitted with the recommendation of the graduate faculty in the applicant's major and approval of the Director of Graduate Studies.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

**Minimum Requirements for the MA with a Major in English**

An overall 3.00 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

**Non-Thesis Option**

Total of 30 graduate semester hours in approved English courses, including EH 501 Introduction to Graduate Study in English (3), which English MA students must successfully complete within their first 15 hours of graduate English study, and three semester hours in Shakespeare at either the undergraduate or graduate level.

**Thesis Option**

Total of 30 graduate semester hours. Minimum of 24 hours in approved English courses, including EH 501 Introduction to Graduate Study in English (3), which English MA students must successfully complete within their first 15 hours of graduate English study, and three semester hours in Shakespeare at either the undergraduate or graduate level, and six hours of thesis.

Thesis students should contact Graduate Studies to receive an orientation to the thesis process prior to enrolling in the first three semester hours of thesis, 599. This orientation can be completed either
in person or via email. The purpose of the orientation is to provide the thesis student with information concerning required forms, due dates, and to answer any questions concerning thesis options and/or procedure. For further information concerning this orientation, please contact LaRilda VanSandt, vansandt@jsu.edu, 322 Bibb Graves, (256) 782-5345. See Thesis Options and Procedures (p. 16) in this catalog for more information.

Upon advisement, students may be required to demonstrate foreign language proficiency when a chosen program of study requires translation skills.

Graduation and Comprehensive Exam
A comprehensive exam is required for this degree; please see the graduate advisor for full details. For students choosing the Thesis Option, the thesis defense serves as the comprehensive exam. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Department of History and Foreign Languages

Department Head: Dr. Gordon Harvey, gharvey@jsu.edu
MA Program Coordinator: Dr. Russel Lemmons, rlemmons@jsu.edu

The Department of History and Foreign Languages offers courses leading to the Master of Arts (MA) degree with a major in History and supporting courses for the Master of Arts (MA) degree with a major in Integrated Studies. For students majoring in Secondary Education with a teaching field in History or General Social Studies, supporting courses are offered for the Master of Science in Education (MSE) degree.

• History (Master of Arts) (p. 36)

Distinguished Professor
Harvey, Gordon E. (p. 167)
Lemmons, Russel (p. 169)

Professor
Cook, Llewellyn D. (p. 165)
Gross, Jennifer (p. 166)
Levi, Tamara J. (p. 169)
Robinson, Peter E. (p. 171)

Associate Professor
Beezley, Paul R. (p. 164)

Assistant Professor
Kaibara, Helen I. (p. 168)

History (Master of Arts)
Application Deadlines
Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MA with a Major in History
Applicants for the MA with a major in History will be permitted to enroll for one semester of graduate coursework (only after degree posted transcripts have been received) while completing all other general application procedure requirements.

Applicants for the MA with a major in History must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MA with a Major in History
In addition to meeting general admission requirements of Graduate Studies, applicants for the MA with a major in History must have an undergraduate minor in History or its equivalent, as determined by the head of the History Department.

Unconditional Admission
Applicants with an undergraduate GPA of at least a 3.00 (on a 4.00 grade point scale) are eligible for unconditional admission.
Conditional Admission
Applicants with an undergraduate GPA of less than a 3.00 may be conditionally admitted with the recommendation of the graduate faculty in the applicant’s major and approval of the Director of Graduate Studies.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MA with a Major in History
An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

Non-Thesis Option
Total of 30 graduate semester hours. Minimum of 27 hours in approved history courses, including HY 501 Historiography and Historical Methods (3). Up to three hours may be taken in a related field approved by the head of the History Department.

Thesis Option
Total of 30 graduate semester hours. Minimum of 21 hours in approved history courses, including HY 501 Historiography and Historical Methods (3), and six hours of thesis. Up to three semester hours may be taken in a related field approved by the head of the History Department.

Thesis students should contact Graduate Studies to receive an orientation to the thesis process prior to enrolling in the first three semester hours of thesis, 599. This orientation can be completed either in person or via email. The purpose of the orientation is to provide the thesis student with information concerning required forms, due dates, and to answer any questions concerning thesis options and/or procedure. For further information concerning this orientation, please contact LaRilda VanSandt, vansandt@jsu.edu, 322 Bibb Graves, (256) 782-5345. See Thesis Options and Procedures (p. 16) in this catalog for more information.

Upon advisement, students may be required to demonstrate foreign language proficiency when a chosen program of study requires translation skills.

Graduation and Comprehensive Exam
A comprehensive exam is required for this degree; please see the graduate advisor for full details. For students choosing the Thesis Option, the thesis defense serves as the comprehensive exam. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Department of Music
Department Head: Dr. Thomas McCutchen, tmccutchen@jsu.edu
MA Program Coordinator: Dr. Renee L. Baptiste, baptiste@jsu.edu

The Department of Music offers courses leading to the Master of Arts (MA) degree with a major in Music and supporting courses for the Master of Arts (MA) degree with a major in Integrated Studies.

Within the Master of Arts degree with a major in Music, students may select one of two concentrations:
1. General Music
   a. Instrumental
   b. Vocal-Choral
2. Music Education P-12 (leads to professional educator certification)
   a. Instrumental
      i. An Alternative Class A program is available for students who completed a non-teaching degree or for students who want to change teaching fields
   b. Vocal-Choral
      i. An Alternative Class A program is available for students who completed a non-teaching degree or for students who want to change teaching fields

The graduate programs in music are accredited by the National Association of Schools of Music.

- Music – General Music (Instrumental) (Master of Arts) (p. 38)
- Music – General Music (Vocal-Choral) (Master of Arts) (p. 39)
- Music Education P-12 (Instrumental) (Master of Arts) (p. 40)
- Music Education P-12 (Vocal-Choral) (Master of Arts) (p. 42)
- Music Education P-12 Alternative Class A (Instrumental) (Master of Arts) (p. 43)
- Music Education P-12 Alternative Class A (Vocal-Choral) (Master of Arts) (p. 45)

Professor
Baptiste, Renee L. (p. 164)
Freeland, Wendy (p. 166)
Gordon, Douglas L. (p. 166)
McCutchen, Thomas W. (p. 169)
Wight, Nathan N. (p. 173)

Associate Professor
Benson, Jeremy L. (p. 164)
Bodiford, Kenneth G. (p. 165)
Logsdon, John A. (p. 169)
Nevala, Andrew E. (p. 170)
Probst, Christopher (p. 170)
Woodward, James C. (p. 173)

Assistant Professor
Stovall, Jeremy (p. 172)
Music - General Music (Instrumental) (Master of Arts)

Application Deadlines
Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MA with a Major in Music (Instrumental)
Applicants for the MA with a major in Music and a general music concentration must submit all of the following documentation to Graduate Admissions to be considered for admission:

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
6. Applicants must take the graduate music diagnostic exam given by the Music Department. The examination requires students to demonstrate competence in the theory of music, knowledge of the history and literature of music, and an applied music audition.

Admission Requirements for the MA with a Major in Music (Instrumental)
Applicants are admitted on a selective basis upon review of the completed application package.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MA with a Major in Music (Instrumental)
An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00 GPA.

Non-Thesis Option
Total of 32 graduate semester hours. The student must complete:

- 16 semester hours in required music courses
- 16 semester hours in approved music electives by advisement
- Students will be required to complete a comprehensive examination

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU 511</td>
<td>Research Methods in Music and Music Education</td>
<td>3</td>
</tr>
<tr>
<td>MU 512</td>
<td>Seminar in Instrumental Music</td>
<td>3</td>
</tr>
<tr>
<td>MU 513</td>
<td>Music Literature: Renaissance and Baroque Eras</td>
<td>3</td>
</tr>
<tr>
<td>MU 514</td>
<td>Music Literatures: Classic Era</td>
<td></td>
</tr>
<tr>
<td>MU 515</td>
<td>Music Literature: Romantic Era</td>
<td></td>
</tr>
<tr>
<td>MU 508</td>
<td>Music Literature: Contemporary Era</td>
<td></td>
</tr>
<tr>
<td>MU 520</td>
<td>Music Theory: Style Analysis</td>
<td></td>
</tr>
<tr>
<td>MU 521</td>
<td>Music Theory: Style Analysis</td>
<td></td>
</tr>
<tr>
<td>MU 519</td>
<td>Advanced Conducting</td>
<td></td>
</tr>
<tr>
<td>MU 534</td>
<td>Individual Applied Music</td>
<td></td>
</tr>
<tr>
<td>MU 535</td>
<td>Individual Applied Music</td>
<td></td>
</tr>
<tr>
<td>MU 580</td>
<td>Graduate Ensemble</td>
<td></td>
</tr>
</tbody>
</table>

Electives
Approved Music Electives by Advisement 16

Total Hours 32

32 Graduate Semester Hours Required for this Degree

Thesis Option
Total of 32 graduate semester hours. The student must complete:

- 16 semester hours in required music courses
- 10 semester hours in approved music electives by advisement
- 6 hours of thesis

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU 511</td>
<td>Research Methods in Music and Music Education</td>
<td>3</td>
</tr>
<tr>
<td>MU 512</td>
<td>Seminar in Instrumental Music</td>
<td>3</td>
</tr>
<tr>
<td>MU 513</td>
<td>Music Literature: Renaissance and Baroque Eras</td>
<td>3</td>
</tr>
<tr>
<td>MU 514</td>
<td>Music Literatures: Classic Era</td>
<td></td>
</tr>
<tr>
<td>MU 515</td>
<td>Music Literature: Romantic Era</td>
<td></td>
</tr>
<tr>
<td>MU 508</td>
<td>Music Literature: Contemporary Era</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following:

- MU 519 Advanced Conducting
- MU 534 Individual Applied Music
- MU 535 Individual Applied Music
- MU 580 Graduate Ensemble
- Select four hours of the following: 4

Total Hours 32

32 Graduate Semester Hours Required for this Degree
MU 520  Music Theory: Style Analysis
MU 521  Music Theory: Style Analysis

Select four hours from the following: 4

MU 519  Advanced Conducting
MU 534  Individual Applied Music
MU 535  Individual Applied Music
MU 580  Graduate Ensemble

Thesis Option

Must complete the following for a total of 6 semester hours: 6

MU 599  Thesis

Electives

Approved Music Electives by Advisement 10

Total Hours 32

32 Graduate Semester Hours Required for this Degree

Thesis students should contact Graduate Studies to receive an orientation to the thesis process prior to enrolling in the first three semester hours of thesis, 599. This orientation can be completed either in person or via email. The purpose of the orientation is to provide the thesis student with information concerning required forms, due dates, and to answer any questions concerning thesis options and/or procedure. For further information concerning this orientation, please contact LaRilda VanSandt, vansandt@jsu.edu, 322 Bibb Graves, (256) 782-5345. See Thesis Options and Procedures (p. 16) in this catalog for more information.

Graduation and Comprehensive Exam

A comprehensive exam is required for the Non-Thesis Option of this degree; please see the graduate advisor for full details. For students choosing the Thesis Option, the thesis defense serves as the comprehensive exam. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Music - General Music (Vocal-Choral) (Master of Arts)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
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<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MA with a Major in Music (Vocal-Choral)

Applicants for the MA with a major in Music and a general music concentration may be permitted to enroll for one semester of graduate coursework (only after official degree posted transcripts have been received) while completing all other general application requirements.

Applicants for the MA with a major in Music and a general music concentration must submit all of the following documentation to Graduate Studies to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://grpcruncher.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
6. Applicants must take the graduate music diagnostic exam given by the Music Department. The examination requires students to demonstrate competence in the theory of music, knowledge of the history and literature of music, and an applied music audition.

Admission Requirements for the MA with a Major in Music (Vocal-Choral)

Applicants are admitted on a selective basis upon review of the completed application package.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MA with a Major in Music (Vocal-Choral)

An overall 3.00 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.00 GPA.

Non-Thesis Option

Total of 32 graduate semester hours. The student must complete:

- 16 semester hours in required music courses
- 16 semester hours in approved music electives by advisement
- Students will be required to complete a comprehensive examination

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU 509</td>
<td>Seminar in Choral Music</td>
<td>3</td>
</tr>
<tr>
<td>MU 511</td>
<td>Research Methods in Music and Music Education</td>
<td>3</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Music Education P-12 (Instrumental) (Master of Arts)

MU 513 Music Literature: Renaissance and Baroque Eras
MU 514 Music Literatures: Classic Era
MU 515 Music Literature: Romantic Era
MU 508 Music Literature: Contemporary Era
Select one of the following: 3
  MU 520 Music Theory: Style Analysis
  MU 521 Music Theory: Style Analysis
Select four hours of the following: 4
  MU 519 Advanced Conducting
  MU 534 Individual Applied Music
  MU 535 Individual Applied Music
  MU 580 Graduate Ensemble

Electives
Approved Music Electives by Advisement 16

Total Hours 32

32 Graduate Semester Hours Required for this Degree

Graduation and Comprehensive Exam
A comprehensive exam is required for the Non-Thesis Option of this degree; please see the graduate advisor for full details. For students choosing the Thesis Option, the thesis defense serves as the comprehensive exam. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Music Education P-12 (Instrumental) (Master of Arts)

Application Deadlines
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</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MA with a Major in Music Education P-12 (Instrumental)
Applicants for a master's degree education program must submit all of the following documentation to Graduate Studies to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor's-level professional educator certificate in Music/Instrumental. ALL certificate(s) must be valid throughout the program and at graduation.
5. Background check 1. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau
of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.

6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.

7. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

8. Applicants must take the graduate music diagnostic exam given by the Music Department. The examination requires students to demonstrate competence in the theory of music, knowledge of the history and literature of music, and an applied music audition.

1 If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

Admission Requirements for the MA with a Major in Music Education P-12 (Instrumental)

Applicants are admitted on a selective basis upon review of the completed application package.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MA with a Major in Music Education P-12 (Instrumental)

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

At least one-half of the graduate courses taken in the teaching field must be numbered 500, and no more than three hours in the teaching field may be transferred to JSU.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MU 511</td>
<td>Research Methods in Music and Music Education</td>
<td>3</td>
</tr>
<tr>
<td>MU 512</td>
<td>Seminar in Instrumental Music</td>
<td>3</td>
</tr>
<tr>
<td>Select one of the following:</td>
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</tr>
<tr>
<td>MU 513</td>
<td>Music Literature: Renaissance and Baroque Eras</td>
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</tr>
<tr>
<td>MU 514</td>
<td>Music Literatures: Classic Era</td>
<td></td>
</tr>
<tr>
<td>MU 515</td>
<td>Music Literature: Romantic Era</td>
<td></td>
</tr>
<tr>
<td>MU 508</td>
<td>Music Literature: Contemporary Era</td>
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<tr>
<td>Select one of the following:</td>
<td>3</td>
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<tr>
<td>MU 520</td>
<td>Music Theory: Style Analysis</td>
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<tr>
<td>MU 521</td>
<td>Music Theory: Style Analysis</td>
<td></td>
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<tr>
<td>Select four hours of the following:</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MU 519</td>
<td>Advanced Conducting</td>
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Required Music and Education Courses

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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 500</td>
<td>Introduction to Graduate Education and Technology (Discipline specific section required first semester of enrollment)</td>
<td>1</td>
</tr>
<tr>
<td>ESE 561</td>
<td>Foundations of Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>MU 545</td>
<td>Evaluation in Music</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives

Select 3 semester hours of approved Music Electives by advisement |

Total Hours 32

32 Graduate Semester Hours Required for this Degree

1 Students who have not previously satisfied the special education requirement at the undergraduate or graduate level must take SPE 500 Survey Course in Special Education (3). If students have previously satisfied the special education requirement, they must take EFD 552 Diversity Issues in Education (3)

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Music/Instrumental (P-12).

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has
Music Education P-12 (Vocal-Choral) (Master of Arts)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

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<tr>
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<tbody>
<tr>
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<tr>
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<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MA with a Major in Music Education P-12 (Vocal-Choral)

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://graduateapplicant.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor’s-level professional educator certificate in Music/Instrumental. All certificate(s) must be valid throughout the program and at graduation.
5. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
8. Applicants must take the graduate music diagnostic exam given by the Music Department. The examination requires students to demonstrate competence in the theory of music, knowledge of the history and literature of music, and an applied music audition.

Admission Requirements for the MA with a Major in Music Education P-12 (Vocal-Choral)

Applicants are admitted on a selective basis upon review of the completed application package.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MA with a Major in Music Education P-12 (Vocal-Choral)

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

At least one-half of the graduate courses taken in the teaching field must be numbered 500, and no more than three hours in the teaching field may be transferred to JSU.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU 509</td>
<td>Seminar in Choral Music</td>
<td>3</td>
</tr>
<tr>
<td>MU 511</td>
<td>Research Methods in Music and Music Education</td>
<td>3</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MU 513</td>
<td>Music Literature: Renaissance and Baroque Eras</td>
<td>3</td>
</tr>
<tr>
<td>MU 514</td>
<td>Music Literatures: Classic Era</td>
<td></td>
</tr>
<tr>
<td>MU 515</td>
<td>Music Literature: Romantic Era</td>
<td></td>
</tr>
<tr>
<td>MU 508</td>
<td>Music Literature: Contemporary Era</td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MU 520</td>
<td>Music Theory: Style Analysis</td>
<td></td>
</tr>
<tr>
<td>MU 521</td>
<td>Music Theory: Style Analysis</td>
<td></td>
</tr>
<tr>
<td>Select four hours of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MU 519</td>
<td>Advanced Conducting</td>
<td>4</td>
</tr>
</tbody>
</table>


Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Music/Vocal-Choral (P-12).

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/)

2. Students certified in states other than Alabama who wish to apply for master’s level certification in Alabama upon completion of the master’s degree must apply for Alabama certification on the undergraduate level prior to applying for the master’s level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master’s level certification is sought. Earning a master’s degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Music Education P-12 Alternative Class A (Instrumental) (Master of Arts)

Alternative Class A Programs are for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master’s degree and recommendation for Master’s-level Alabama Class A professional educator certification.

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

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<td>Summer Admission</td>
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</table>

Any exceptions to these deadlines must be granted by the respective graduate program chair.

Application Materials Required for the Alternative Class A Program MA with a Major in Music Education P-12 (Instrumental)

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.) Applicants must hold a 2.00 GPA\(^1\) on the most recent undergraduate degree or a 3.00 GPA on the most recent master’s degree. This GPA must be documented on the official transcript of the degree-granting regionally accredited institution and must be the GPA that was used as the basis for granting the degree.

4. If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency:
   - Center for Applied Research, Evaluation and Education, Inc.
   - Educational Credential Evaluators, Inc.
   - International Consultants of Delaware
   - International Education Evaluations, Inc.
   - International Education Research Foundation, Inc.
   - Josef Silny and Associates, Inc.
   - World Education Services
   - Please see the ALSDE website (https://www.alsde.edu/sec/ec/Pages/foreigncredentials-all.aspx?navtext=Other%20Approaches%20for%20Foreign%20CredentialsWorld%20Education%20Services/) for full details.

5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

6. Alternative Class A Transcript Evaluation. Once transcripts have been received, applicants must contact Teacher Education Services (http://www.jsu.edu/education/tes/) at (256) 782-5574 for an individual evaluation concerning undergraduate course deficiencies and teacher education program eligibility requirements prior to registration for coursework.

7. Applicants must take the graduate music diagnostic exam given by the Music Department. The examination requires students to demonstrate competence in the theory of music, knowledge of the history and literature of music, and an applied music audition.

\(^1\) Applicants with below a 2.75 GPA will have additional requirements that will be assessed at the Alternative Class A Transcript Evaluation.

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**Minimum Requirements for the Alternative Class A Program MA with a Major in Music Education P-12 (Instrumental)**

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

At least one-half of the graduate courses taken in the teaching field must be numbered 500, and no more than three hours in the teaching field may be transferred to JSU.

Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU 511</td>
<td>Research Methods in Music and Music Education</td>
<td>3</td>
</tr>
<tr>
<td>MU 512</td>
<td>Seminar in Instrumental Music</td>
<td>3</td>
</tr>
<tr>
<td>MU 513</td>
<td>Music Literature: Renaissance and Baroque Eras</td>
<td>3</td>
</tr>
<tr>
<td>MU 514</td>
<td>Music Literatures: Classic Era</td>
<td>3</td>
</tr>
<tr>
<td>MU 515</td>
<td>Music Literature: Romantic Era</td>
<td>3</td>
</tr>
<tr>
<td>MU 508</td>
<td>Music Literature: Contemporary Era</td>
<td>3</td>
</tr>
<tr>
<td>MU 520</td>
<td>Music Theory: Style Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MU 521</td>
<td>Music Theory: Style Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MU 519</td>
<td>Advanced Conducting</td>
<td>3</td>
</tr>
<tr>
<td>MU 534</td>
<td>Individual Applied Music</td>
<td>3</td>
</tr>
<tr>
<td>MU 535</td>
<td>Individual Applied Music</td>
<td>3</td>
</tr>
<tr>
<td>MU 580</td>
<td>Graduate Ensemble</td>
<td>3</td>
</tr>
<tr>
<td>MU 581</td>
<td>Graduate Ensemble</td>
<td>3</td>
</tr>
</tbody>
</table>

**Required Music and Education Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 501</td>
<td>Introduction to Graduate Teacher Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 561</td>
<td>Foundations of Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>MU 545</td>
<td>Evaluation in Music</td>
<td>3</td>
</tr>
<tr>
<td>MU 571</td>
<td>Elementary Music Materials and Methods</td>
<td>3</td>
</tr>
<tr>
<td>MU 579</td>
<td>Capstone in Music Education</td>
<td>3</td>
</tr>
<tr>
<td>MU 582</td>
<td>Secondary Instrumental Music Materials and Methods</td>
<td>3</td>
</tr>
<tr>
<td>MU 588</td>
<td>Graduate Internship in Music Education, P-12(^1)</td>
<td>3</td>
</tr>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>or EFD 552</td>
<td>Diversity Issues in Education</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Hours**

43 Graduate Semester Hours Required for this Degree

\(^1\) 50% time at the elementary and 50% time at the secondary level; offered in fall and spring during public school hours.

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**Admission Requirements for the Alternative Class A Program MA with a Major in Music Education P-12 (Instrumental)**

Applicants are admitted on a selective basis upon review of the completed application package.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.
Undergraduate Requirements

59 semester hours of undergraduate coursework from the area of music to include:

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<tr>
<th>Course</th>
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<tr>
<td>Music Theory</td>
<td></td>
<td>18</td>
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<td></td>
<td>6</td>
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<td>5</td>
</tr>
<tr>
<td>Class Applied Music</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Additional Music Courses</td>
<td></td>
<td>25</td>
</tr>
<tr>
<td>Total Hours</td>
<td></td>
<td>59</td>
</tr>
</tbody>
</table>

43-102 Total Undergraduate and Graduate Semester Hours Required for this Degree

1. Instrumental techniques classes in areas of brass, woodwinds, percussion, strings, voice.
2. These must include courses in major applied instruction and include evidence of a degree level recital performance. Of the total at least 19 semester hours must be at the 300-400 level.

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master's-level professional educator certification in Music/Instrumental (P-12).

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/Alabama%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Music Education P-12 Alternative Class A (Vocal-Choral) (Master of Arts)

Alternative Class A Programs are for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master’s degree and recommendation for Master’s-level Alabama Class A professional educator certification.

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

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Any exceptions to these deadlines must be granted by the respective graduate program chair.

Application Materials Required for the Alternative Class A Program MA with a Major in Music Education P-12 (Vocal-Choral)

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://graduaterecruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.) Applicants must hold a 2.00 GPA on the most recent undergraduate degree or a 3.00 GPA on the most recent master’s degree. This GPA must be documented on the official transcript of the degree-granting
regionally accredited institution and must be the GPA that was used as the basis for granting the degree.

4. If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency:
   • Center for Applied Research, Evaluation and Education, Inc.
   • Educational Credential Evaluators, Inc.
   • International Consultants of Delaware
   • International Education Evaluations, Inc.
   • International Education Research Foundation, Inc.
   • Josef Silny and Associates, Inc.
   • World Education Services
   • Please see the ALSDE website (https://www.alsde.edu/sec/ec/Pages/foreigncredentials-all.aspx?navtext=Other%20Approaches%3a%20Foreign%20CredentialsWorld%20Education%20Services/) for full details.

5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

6. Alternative Class A Transcript Evaluation. Once transcripts have been received, applicants must contact Teacher Education Services (http://www.jsu.edu/education/tes/) at (256) 782-5574 for an individual evaluation concerning undergraduate course deficiencies and teacher education program eligibility requirements prior to registration for coursework.

7. Applicants must take the graduate music diagnostic exam given by the Music Department. The examination requires students to demonstrate competence in the theory of music, knowledge of the history and literature of music, and an applied music audition.

1 Applicants with below a 2.75 GPA will have additional requirements that will be assessed at the Alternative Class A Transcript Evaluation.

### Admission Requirements for the Alternative Class A Program MA with a Major in Music Education P-12 (Vocal-Choral)

Applicants are admitted on a selective basis upon review of the completed application package.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

### Minimum Requirements for the Alternative Class A Program MA with a Major in Music Education P-12 (Vocal-Choral)

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

At least one-half of the graduate courses taken in the teaching field must be numbered 500, and no more than three hours in the teaching field may be transferred to JSU.

Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required Music Teaching Field Courses</strong></td>
<td></td>
</tr>
<tr>
<td>MU 509 Seminar in Choral Music</td>
<td>3</td>
</tr>
<tr>
<td>MU 511 Research Methods in Music and Music Education</td>
<td>3</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
</tr>
<tr>
<td>MU 513 Music Literature: Renaissance and Baroque Eras</td>
<td>3</td>
</tr>
<tr>
<td>MU 514 Music Literatures: Classic Era</td>
<td></td>
</tr>
<tr>
<td>MU 515 Music Literature: Romantic Era</td>
<td></td>
</tr>
<tr>
<td>MU 508 Music Literature: Contemporary Era</td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
</tr>
<tr>
<td>MU 519 Advanced Conducting</td>
<td></td>
</tr>
<tr>
<td>MU 534 Individual Applied Music</td>
<td></td>
</tr>
<tr>
<td>MU 535 Individual Applied Music</td>
<td></td>
</tr>
<tr>
<td>MU 580 Graduate Ensemble</td>
<td></td>
</tr>
<tr>
<td>MU 581 Graduate Ensemble</td>
<td></td>
</tr>
</tbody>
</table>

| **Required Music and Education Courses** | |
| ED 501 Introduction to Graduate Teacher Education | 3 |
| ESE 561 Foundations of Secondary Education | 3 |
| ESE 567 Literacy Theory and Practice | 3 |
| MU 545 Evaluation in Music | 3 |
| MU 571 Elementary Music Materials and Methods | 3 |
| MU 579 Capstone in Music Education | 3 |
| MU 583 Secondary Vocal Music Materials and Methods | 3 |
| MU 588 Graduate Internship in Music Education, P-12 | 1 |
| SPE 500 Survey Course in Special Education | 2 |
| or EFD 552 Diversity Issues in Education | |

| Total Hours | 43 |

### Undergraduate Requirements

59 semester hours of undergraduate coursework from the area of music to include:

1 50% time at the elementary and 50% time at the secondary level; offered in fall and spring during public school hours.

2 SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must select EFD 552 Diversity Issues in Education (3) to satisfy this diversity program requirement.
### Course Title Credits

<table>
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<tr>
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<th>Credits</th>
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<tbody>
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<td></td>
<td>5</td>
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<tr>
<td>Class Applied music</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>Additional Music Courses</td>
<td>2</td>
<td>25</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td><strong>59</strong></td>
</tr>
</tbody>
</table>

**43-102 Total Undergraduate and Graduate Semester Hours Required for this Degree**

1. Vocal technique classes.
2. These must include courses in major applied instruction and include evidence of a degree level recital performance. Of the total at least 19 semester hours must be at the 300-400 level.

### Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Music/Vocal-Choral (P-12).

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

### Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AlabamaCertificationInstructions2020Audience.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

### Integrated Studies

**MA Program Coordinator:** Dr. Staci Stone, slstone@jsu.edu

**MA Program Advisor:** Barbara Cook, bacook@jsu.edu

The Master of Arts (MA) degree with a major in Integrated Studies (formerly Liberal Studies) is an interdisciplinary degree characterized by its flexibility. After being admitted to graduate studies, the student and the faculty advisor will plan a program of study designed to meet the student’s specific needs. Courses must be selected from two or more fields of study. Electives approved by the advisor may be taken in any department offering eligible graduate courses. Students will select courses from the following fields of study:

- Anthropology
- Art
- Biology
- Chemistry
- Computer Science
- Criminal Justice
- Drama
- Economics
- Emergency Management
- English
- Geography
- History
- Music
- Physics
- Political Science
- Integrated Studies (Masters of Arts) (p. 47)

### Integrated Studies (Masters of Arts) Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>July 1</td>
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</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

### Application Materials Required for the MA with a Major in Integrated Studies

Applicants for the MA with a major in Integrated Studies will be permitted to enroll for one semester of graduate coursework (only after degree posted transcripts have been received) while completing all other general application procedure requirements.
Applicants for the MA with a major in Integrated Studies must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MA with a Major in Integrated Studies

Applicants who meet general admission requirements to Graduate Studies are eligible for admission to this program. A particular undergraduate major is not specified for admission to this program.

Unconditional Admission

- Students with a cumulative GPA of 3.00 or higher for their last 60 hours of undergraduate coursework will be unconditionally admitted.

Conditional Admission

- Students with a cumulative GPA below 3.00 for their last 60 hours of undergraduate coursework may be conditionally admitted.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MA with a Major in Integrated Studies

An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

The student must complete a minimum of 30 graduate semester hours in approved courses, of which 18 graduate semester hours must be from two or more of the following fields of study:

- Anthropology
- Art
- Biology
- Chemistry
- Computer Science
- Criminal Justice
- Drama
- Economics
- Emergency Management
- English
- Geography
- History
- Music
- Physics
- Political Science

The remaining 12 graduate semester hours may be completed in other fields selected by the student and the advisor.

At least one-half of the graduate courses for the MA with a major in Integrated Studies must be at the 500 level or above. Students enrolled in this program may receive advisor approval to take graduate Art courses, which are numbered at the 600 level. No other 600-level courses are open to students in this program.

Integrated Studies Courses

In addition to Integrated Studies (INS) courses, other applicable courses and their descriptions are located in the various academic departments in this catalog.

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.
SCHOOL OF BUSINESS AND INDUSTRY

Dean: Dr. William T. Fielding
Associate Dean and MBA Director: Dr. Louise Clark

The mission of the School of Business and Industry is to educate a diverse undergraduate and graduate student body for successful employment and professional careers in a competitive global environment, to be productive and ethical citizens, and to be prepared for advanced studies, as well as lifelong learning.

Business Administration

MBA Director: Dr. Louise Clark, lclark@jsu.edu

The School of Business and Industry offers courses leading to the Master of Business Administration (MBA). It also offers an area of concentration in Administrative Management within the Master of Public Administration (MPA) (p. 137) degree program, housed within the Department of Political Science and Public Administration.

The school is accredited by AACSB International - Association to Advance Collegiate Schools of Business.

Research opportunities are available to graduate students under the supervision of the school's faculty members. Real-world case studies are available through the school's Small Business Development Center (http://www.jsusbdc.com/), and internships enable students to acquire on-the-job work experience.

• Business Administration - Accounting (Master of Business Administration) (p. 49)
• Business Administration - General (Master of Business Administration) (p. 51)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
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<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MBA Degree

Applicants for the MBA must submit all of the following documentation to Graduate Admissions to be considered for admission:

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. A letter of application setting forth career goals.
4. A professional resume including education, employment, and community activity involvement.
5. Official transcripts(s) from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the University.)
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework and citing potential professional leadership ability. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. Official test scores on the Graduate Management Admission Test (GMAT) (https://www.mba.com/exams/gmat/). The GMAT must be taken within the five year time frame immediately preceding enrollment. Note: A minimum acceptable GMAT score of 400 is required.
8. Students whose undergraduate degree is from an AACSB-accredited business program are exempt from the GMAT as long as their overall graduating GPA is at least a 3.00. Students applying to the MBA program who already hold a post-graduate degree are also exempt from taking the GMAT. All other applicants are required to take the GMAT and score at least 400 for admission consideration.
9. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
10. Students entering graduate courses must have a working knowledge of Microsoft Office, to include: Word, Excel, and PowerPoint.

Transfer Credit

Transfer credits are accepted from AACSB International accredited schools only.

No transfer credit(s) will be accepted once students are enrolled in the MBA program, except in cases of extreme hardship to be determined by the MBA Director and the Director of Graduate Studies.

Admission Requirements for the MBA Degree

All students seeking admission to the MBA program must have completed the application process and been admitted to the program prior to enrolling in MBA classes. Applicants are admitted on a selective basis upon review of the completed application package.

Applicants must meet one of the following admission formula requirements. For purposes of computing the undergraduate GPA, a 4.00 grade-point scale is used. The plus (+) and minus (-) grades from undergraduate transcripts are not used in calculating the GPA.
Unconditional Admission
To obtain unconditional admission into the MBA program, students must meet one of the following formula requirements:

- Have an undergraduate degree from an AACSB-accredited business program with at least an overall graduating 3.00 GPA or already hold a postgraduate degree.

or

- 200 times the undergraduate GPA on the initial undergraduate degree plus the GMAT score is equal to or greater than a total of 950 points.

- As a requirement for admission, a minimum acceptable GMAT score of 400 is required. This is in addition to the current formula score.

or

- 200 times the undergraduate GPA on the last 64 hours attempted to completion of the initial undergraduate degree plus the GMAT score is equal to or greater than a total of 1000 points.

- As a requirement for admission, a minimum acceptable GMAT score of 400 is required. This is in addition to the current formula score.

Conditional Admission
Any applicant failing to meet the requirements for unconditional admission, as defined above, may be considered for conditional admission if the student meets one of the following formula requirements:

- 200 times the GPA on the initial undergraduate degree plus the GMAT score is equal to or greater than a total of 850 points.

- As a requirement for conditional admission, a minimum acceptable GMAT score of 400 is also required. This is in addition to the current conditional formula score as indicated above.

or

- 200 times the GPA on the last 64 hours attempted toward completion of the initial undergraduate degree plus the GMAT score is equal to or greater than a total of 900 points.

- As a requirement for conditional admission, a minimum acceptable GMAT score of 400 is also required. This is in addition to the current conditional formula score as indicated above.

Students who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted within the timeframe specified in the student's admissions letter. Failure to comply will result in the student being dropped from the program.

All applications will be reviewed by a graduate committee composed of members of the graduate faculty within the School of Business and Industry and the MBA Director. The graduate committee will submit to the Director of Graduate Studies its recommendation on the conditional admission of each applicant. The Director of Graduate Studies, in conjunction with the MBA Director, will make the final decision on the conditional admission of the student.

Minimum Requirements for the MBA Degree
An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

The MBA degree with an Accounting concentration consists of 33 semester hours of graduate business courses. Students without adequate undergraduate preparation will be required to complete up to 24 semester hours of foundation courses for a total of 57 or more semester hours for the accounting concentration program.

Foundation Courses:
Credit for foundation coursework may be given for courses already completed as part of a baccalaureate degree. Students without adequate undergraduate preparation are required to complete 24 semester hours of foundation business and economics courses listed below. The MBA Director will evaluate each student’s undergraduate coursework to determine which foundation courses are required prior to the student taking MBA courses. The graduate GPA is computed on all graduate hours attempted. Although grades achieved on undergraduate foundation courses will not be included in the computation of the graduate GPA, a student must earn a grade of “B” or above in each of these specified, required courses if they are taken after the completion of the baccalaureate degree.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 504</td>
<td>Business Organization and Administration</td>
<td>3</td>
</tr>
<tr>
<td>BA 500</td>
<td>Statistics and Quantitative Methods</td>
<td>3</td>
</tr>
<tr>
<td>ACC 200</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>EC 222</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>FIN 301</td>
<td>Business Finance</td>
<td>3</td>
</tr>
<tr>
<td>FIN 292</td>
<td>Legal and Social Environment</td>
<td>3</td>
</tr>
<tr>
<td>CBA 390</td>
<td>Operations Management</td>
<td>3</td>
</tr>
<tr>
<td>MKT 301</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24</td>
</tr>
</tbody>
</table>

Students who have adequate undergraduate preparation or who have satisfied the foundation requirements may enroll in MBA courses, given that all individual course prerequisites are met. Students without adequate preparation will only be allowed to take courses in fields of study in which the prerequisite coursework has been completed.

Individuals who do not have a baccalaureate degree in a business field, but who have at least three years of prior mid-level management experience in an approved managerial position(s) may request that a portion of the foundation coursework be waived. Students must document their managerial experience(s) and approval must be granted by the graduate committee of The School of Business and Industry. Students in this category must complete a total of 18 hours of the foundation coursework, including:

<table>
<thead>
<tr>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
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<td>3</td>
</tr>
</tbody>
</table>
The remaining six hours to be taken will be based on an evaluation by the MBA Director.

After completion of foundation coursework, students may select either the MBA with a General concentration or the MBA with an Accounting concentration. The MBA with a General concentration is a total of 30 semester hours; the MBA with an Accounting concentration is a total of 33 semester hours.

### MBA Concentration: Accounting

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 512</td>
<td>Accounting Information Analysis</td>
<td>3</td>
</tr>
<tr>
<td>BA 545</td>
<td>Quantitative Methods for Business Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>BA 587</td>
<td>Business Policy and Strategy</td>
<td>3</td>
</tr>
<tr>
<td>BA 590</td>
<td>International Business</td>
<td>3</td>
</tr>
<tr>
<td>EC 515</td>
<td>Managerial Economics</td>
<td>3</td>
</tr>
<tr>
<td>FIN 515</td>
<td>Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 537</td>
<td>Business Leadership</td>
<td>3</td>
</tr>
<tr>
<td>MKT 513</td>
<td>Marketing Analysis &amp; Strategy</td>
<td>3</td>
</tr>
</tbody>
</table>

| Electives | Select nine hours of electives ¹ | 9 |

Total Hours 33

¹ Electives may be selected from graduate courses numbered 400 and above from among any of the approved accounting courses listed in this catalog.

### Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation by the given deadline of the semester in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

### Business Administration - General (Master of Business Administration)

### Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

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</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

### Application Materials Required for the MBA Degree

Applicants for the MBA must submit all of the following documentation to Graduate Admissions to be considered for admission:

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. A letter of application setting forth career goals.
4. A professional resume including education, employment, and community activity involvement.
5. Official transcripts(s) from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the University.)
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for success in graduate coursework and citing potential professional leadership ability. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. Official test scores on the Graduate Management Admission Test (GMAT) (https://www.mba.com/exams/gmat/). The GMAT must be taken within the five year time frame immediately preceding enrollment. Note: A minimum acceptable GMAT score of 400 is required.
8. Students whose undergraduate degree is from an AACSB-accredited business program are exempt from the GMAT as long as their overall graduating GPA is at least a 3.00. Students applying to the MBA program who already hold a post-graduate degree are also exempt from taking the GMAT. All other applicants are required to take the GMAT and score at least 400 for admission consideration.

### Transfer Credit

Transfer credits are accepted from AACSB International accredited schools only.

No transfer credit(s) will be accepted once students are enrolled in the MBA program, except in cases of extreme hardship to be determined by the MBA Director and the Director of Graduate Studies.

### Admission Requirements for the MBA Degree

All students seeking admission to the MBA program must have completed the application process and been admitted to the program prior to enrolling in MBA classes. Applicants are admitted on a selective basis upon review of the completed application package.

Applicants must meet one of the following admission formula requirements. For purposes of computing the undergraduate GPA, a
Minimum Requirements for the MBA Degree

An overall 3.00 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

The MBA degree with a General concentration consists of 30 semester hours of graduate business courses. Students without adequate undergraduate preparation will be required to take up to 24 semester hours of foundation courses for a total of 54 semester hours for the general concentration program.

Foundation Courses:

Credit for foundation coursework may be given for courses already completed as part of a baccalaureate degree. Students without adequate undergraduate preparation are required to complete the 24 semester hours of foundation business and economics courses listed below. The MBA Director will evaluate each student's undergraduate coursework to determine which foundation courses are required prior to the student taking MBA courses. The graduate GPA is computed on all graduate hours attempted. Although grades achieved on undergraduate foundation courses will not be included in the computation of the graduate GPA, a student must earn a grade of "B" or above in each of these specified, required courses if they are taken after the completion of the baccalaureate degree.

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<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>24</strong></td>
</tr>
</tbody>
</table>

Students who have adequate undergraduate preparation or who have satisfied the foundation requirements may enroll in MBA courses, given that all individual course prerequisites are met. Students without adequate preparation will only be allowed to take courses in fields of study in which the prerequisite coursework has been completed.

Individuals who do not have a baccalaureate degree in a business field, but who have at least three years of prior mid-level management experience in an approved managerial position(s) may request that a portion of the foundation coursework be waived. Students must document their managerial experience(s) and approval must be granted by the graduate committee of The School of Business and Industry. Students in this category must complete a total of 18 hours of the foundation coursework, including:

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</table>

4.00 grade-point scale is used. The plus (+) and minus (-) grades from undergraduate transcripts are not used in calculating the GPA.

Unconditional Admission

To obtain unconditional admission into the MBA program, students must meet one of the following formula requirements:

- Have an undergraduate degree from an AACSB-accredited business program with at least an overall graduating 3.00 GPA or already hold a post-graduate degree.

or

- 200 times the undergraduate GPA on the initial undergraduate degree plus the GMAT score is equal to or greater than a total of 950 points.
- As a requirement for admission, a minimum acceptable GMAT score of 400 is required. This is in addition to the current formula score.

or

- 200 times the undergraduate GPA on the last 64 hours attempted toward completion of the initial undergraduate degree plus the GMAT score is equal to or greater than a total of 1000 points.
- As a requirement for admission, a minimum acceptable GMAT score of 400 is required. This is in addition to the current formula score.

Conditional Admission

Any applicant failing to meet the requirements for unconditional admission, as defined above, may be considered for conditional admission if the student meets one of the following formula requirements:

- 200 times the GPA on the initial undergraduate degree plus the GMAT score is equal to or greater than a total of 850 points.
- As a requirement for conditional admission, a minimum acceptable GMAT score of 400 is also required. This is in addition to the current conditional formula score as indicated above;

or

- 200 times the GPA on the last 64 hours attempted toward the completion of the initial undergraduate degree plus the GMAT score is equal to or greater than a total of 900 points.
- As a requirement for conditional admission, a minimum acceptable GMAT score of 400 is also required. This is in addition to the current conditional formula score as indicated above.

Students who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted within the time frame specified in the student's admissions letter. Failure to comply will result in the student being dropped from the program.

All applications will be reviewed by a graduate committee composed of members of the graduate faculty within the School of Business and Industry and the MBA Director. The graduate committee will submit to the Director of Graduate Studies its recommendation on the conditional admission of each applicant. The Director of Graduate Studies, in conjunction with the MBA Director, will make the final decision on the conditional admission of the student.
The remaining six hours to be taken will be based on an evaluation by the MBA Director.

After completion of foundation coursework, students may select either the MBA with a General concentration or the MBA with an Accounting concentration. The MBA with a General concentration is a total of 30 semester hours; the MBA with an Accounting concentration is a total of 33 semester hours.

**MBA Concentration: General**

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</thead>
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<tr>
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<td>3</td>
</tr>
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<td>Business Leadership</td>
<td>3</td>
</tr>
<tr>
<td>MKT 513</td>
<td>Marketing Analysis &amp; Strategy</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives**

Select six hours of electives 1

<table>
<thead>
<tr>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>6</td>
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**Total Hours**

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
</tr>
</tbody>
</table>

1 Electives may be selected from graduate courses numbered 400 and above from among any of the approved School of Business and Industry graduate courses listed in this catalog.

**Graduation and Comprehensive Exam**

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

**Department of Finance, Economics and Accounting**

**Department Head:** Dr. Bill Scroggins, scroggins@jsu.edu

The Department of Finance, Economics and Accounting offers courses for the Master of Business Administration (MBA).

**Professor and Eminent Scholar**

Clayton, Ronnie J. (p. 165)

**Professor**

Beehler, John M. (p. 164)

Bennett, Doris (p. 164)

Carter, Michael Shawn (p. 165)

Clark, Louise J. (p. 165)

Fielding, William T. (p. 166)

Landry III, Robert J. (p. 168)

McCarty, Cynthia S. (p. 169)

Schmidt, Bill (p. 171)

Scroggins Jr., William A. (p. 171)

Sneed, Cynthia A. (p. 171)

Sneed, John E. (p. 171)

Zanzig, Jeff (p. 173)

**Associate Professor**

Boozer, Benjamin (p. 165)

Collum, Taleah (p. 165)

Hardy, Benjamin (p. 167)

Lowe, Keith (p. 169)

**Department of Management and Marketing**

**Department Head:** Dr. Brent Cunningham, brentc@jsu.edu

The Department of Management and Marketing offers courses for the Master of Business Administration (MBA) and the Master of Public Administration (MPA) with a concentration in Administrative Management.

**Professor**

Cunningham, Brent J. (p. 165)

Hearn, W. Mark (p. 167)

Thomas, James L. (p. 172)

Yi, Xiang (p. 173)

**Associate Professor**

Mertens, Dan (p. 169)

**Assistant Professor**

Kim, Chang-Hyun (p. 168)

Lee, Jihe (p. 169)

**Department of Applied Engineering**

**Department Head:** Chris Marker, cmarker@jsu.edu

**MS Program Coordinator:** Dr. Dana Ingalsbe, ingalsbe@jsu.edu

The Department of Applied Engineering offers courses leading to the Master of Science (MS) degree with a major in Manufacturing Systems.
Technology. Manufacturing Systems Technology is a field of study designed to prepare management oriented technical professionals. The program balances academic instruction with practical applications in manufacturing systems to provide graduates with a broad base of knowledge and skills needed to effectively manage and control production in manufacturing facilities.

Specifically, the purpose of this master’s program is to produce industrial leaders who:

- Make decisions to integrate appropriate technologies into manufacturing operations.
- Apply advanced principles and practices used in manufacturing systems.
- Creatively use technology in solving practical problems in the manufacturing environment.
- Manage technology systems in manufacturing industries.
- Manufacturing Systems Technology (Master of Science) (p. 54)

**Professor**
Bekhouche, Noureddine (p. 164)

**Associate Professor**
Godbey, Jessie (p. 166)
Ingalsbe, Dana (p. 167)

**Manufacturing Systems Technology (Master of Science)**

**Application Deadlines**

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

**Application Materials Required for the MS with a Major in Manufacturing Systems Technology**

Applicants for the MS with a major in Manufacturing Systems Technology may be permitted to enroll in one semester of graduate coursework (if they are a U.S. citizen and degree posted transcripts have been received) while completing all other general application procedure requirements.

Applicants for the MS with a major in Manufacturing Systems Technology must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North

Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Official tests scores on the Graduate Management Admission Test (GMAT) (https://www.mba.com/exams/gmat/) taken within five years of application. Official GMAT scores are only required for applicants whose undergraduate degree is not from an ADMET or ABET accredited program or whose degree GPA from an ADMET or ABET accredited program is below a 3.00 on a 4.00 scale.
5. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
6. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

**Admission Requirements for the MS with a Major in Manufacturing Systems Technology**

An undergraduate degree in technology is not required for admission, but candidates with other degrees may be required to complete additional undergraduate courses based on evaluation of academic and professional experiences.

Applicants are admitted on a selective basis upon review of the completed application package.

Applicants for whom the GMAT is not waived must meet one of the following admission formula requirements. For purposes of computing the undergraduate grade point average, a 4.00 grade point scale is used. The plus (+) and minus (-) grades from undergraduate transcripts are not used in calculating the GPA.

**Unconditional Admission**

Unconditional Admission Requires the Following:

- An undergraduate degree from an ADMET or ABET accredited program with a degree GPA of at least 3.00 on a 4.00 scale, or
- A minimum GMAT score of 400; and the formula score: 200 times the undergraduate GPA on the initial undergraduate degree plus the GMAT score must be equal to or greater than a total of 950 points;

**Conditional Admission**

Conditional Admission Requires the Following:

- An applicant failing to meet the requirements for unconditional admission may be considered for conditional admission upon recommendation from the departmental graduate faculty with approval from the Director of Graduate Studies.

A student admitted on a conditional basis must attain a minimum GPA of 3.00 on the first 12 semester hours of graduate courses attempted.
Failure to meet these conditions will result in the student being dropped from graduate studies.

**Minimum Requirements for the MS with a Major in Manufacturing Systems Technology**

An overall 3.00 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

A total of 30 graduate semester hours is required for the degree, including 21 semester hours (seven courses) of manufacturing systems technology courses, nine semester hours in approved electives, or comprehensive project.

**Graduation and Comprehensive Exam**

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.
School of Education

Dean: Dr. Tommy Turner

All teacher education programs are approved by the Alabama State Board of Education. The School of Education at Jacksonville State University is accredited by the National Council for Accreditation of Teacher Education (NCATE):

National Council for Accreditation of Teacher Education (NCATE)
1140 19th St NW, Suite 400
Washington, DC 20036
Telephone: (202) 223-0077

Accreditation includes the initial teacher preparation and advanced levels of professional education programs offered at JSU.

Teacher education programs may be altered at any time to meet changes in federal and Alabama State Department of Education regulations.

Table Definitions

| MA | Master of Arts |
| MS | Master of Science |
| MSE | Master of Science in Education |
| EdS | Education Specialist |

Alternative Class A Program

The School of Education offers Alternative Class A Programs for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master’s degree and recommendation for Master’s-level Alabama Class A professional educator certification.

Alabama Professional Educator Certificates

The Alabama Professional Educator Certificate licenses an individual to teach in the Alabama public school system. Alabama has three classes of Professional Educator Certification: Class B, Class A, and Class AA. Individuals may apply for the Class B certificate after completing a bachelor’s-level teacher education program, the Class A certificate after completing a master’s-level teacher education program, and the Class AA certificate after completing an education specialist program. Each class has a different pay structure, which varies by county.

Graduate Degrees and Professional Educator Certification Programs in Education Available at JSU

<table>
<thead>
<tr>
<th>Major</th>
<th>Teaching/Instructional Support Field</th>
<th>Degrees Offered</th>
<th>Alternative Class Program Availability</th>
<th>Alabama Professional Education Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Counselor Education</td>
<td>Clinical Mental Health Counseling</td>
<td>MS EdS</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Counselor Education (P-12)</td>
<td>School Counseling</td>
<td>MS EdS</td>
<td>A AA</td>
<td></td>
</tr>
<tr>
<td>Early Childhood Education (P-3)</td>
<td></td>
<td>MSE</td>
<td></td>
<td>A</td>
</tr>
<tr>
<td>Early Childhood Special Education (P-3)</td>
<td></td>
<td>MSE</td>
<td></td>
<td>A</td>
</tr>
<tr>
<td>Elementary Education (K-6)</td>
<td></td>
<td>MSE Available</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>Instructional Leadership (P-12)</td>
<td></td>
<td>MSE EdS</td>
<td>A AA</td>
<td></td>
</tr>
<tr>
<td>Instructional Technology</td>
<td></td>
<td>MS</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Library Media (P-12)</td>
<td></td>
<td>MSE EdS</td>
<td>A AA</td>
<td></td>
</tr>
<tr>
<td>Music Education (P-12)</td>
<td>Instrumental</td>
<td>MA</td>
<td>Available</td>
<td>A</td>
</tr>
<tr>
<td>Vocal-Choral</td>
<td>MA</td>
<td>Available</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>Physical Education (P-12)</td>
<td></td>
<td>MSE EdS</td>
<td>Available</td>
<td>A AA</td>
</tr>
<tr>
<td>Reading Specialist (P-12)</td>
<td></td>
<td>MSE</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>Secondary Education</td>
<td>Biology (6-12)</td>
<td>MSE</td>
<td>Available</td>
<td>A</td>
</tr>
<tr>
<td>Business Marketing Education (6-12)</td>
<td></td>
<td>MSE</td>
<td>Available</td>
<td>A</td>
</tr>
<tr>
<td>English Language Arts (6-12)</td>
<td></td>
<td>MSE</td>
<td>Available</td>
<td>A</td>
</tr>
<tr>
<td>Family and Consumer Sciences (6-12)</td>
<td></td>
<td>MSE</td>
<td>Available</td>
<td>A</td>
</tr>
<tr>
<td>General Science (6-12)</td>
<td></td>
<td>MSE</td>
<td>Available</td>
<td>A</td>
</tr>
<tr>
<td>General Social Studies (6-12)</td>
<td></td>
<td>MSE</td>
<td>Available</td>
<td>A</td>
</tr>
<tr>
<td>History (6-12)</td>
<td></td>
<td>MSE</td>
<td>Available</td>
<td>A</td>
</tr>
<tr>
<td>Mathematics (6-12)</td>
<td></td>
<td>MSE</td>
<td>Available</td>
<td>A</td>
</tr>
<tr>
<td>Special Education Collaborative Teacher (K-6) (6-12)</td>
<td></td>
<td>MSE</td>
<td>Available</td>
<td>A</td>
</tr>
<tr>
<td>Sport Management</td>
<td></td>
<td>MS</td>
<td>A</td>
<td></td>
</tr>
</tbody>
</table>
Teacher Leader

*A Reduced Credit Hour Option for Certification in Instructional Leadership at the Master's Degree Level is also available.

Department of Counseling and Instructional Support

Department Head: Dr. Stacey Gill, sgill@jsu.edu

The mission of the Counseling and Instructional Support department is to provide to students instruction related to knowledge, skills, and dispositions of the specific area of their major. A strong commitment to instructional technology and school improvement is recognized by all faculty members in the department.

- Counselor Education - Clinical Mental Health Counseling (Education Specialist) (p. 57)
- Counselor Education - Clinical Mental Health Counseling (Master of Science) (p. 58)
- Counselor Education - School Counseling P-12 (Education Specialist) (p. 59)
- Counselor Education - School Counseling P-12 (Master of Science) (p. 61)
- Instructional Leadership P-12 (Education Specialist) (p. 63)
- Instructional Leadership P-12 (Master of Science in Education) (p. 64)
- Instructional Leadership P-12 (Reduced Credit Hour Option) (p. 66)
- Instructional Technology (Master of Science) (p. 67)
- Library Media P-12 (Education Specialist) (p. 68)
- Library Media P-12 (Master of Science in Education) (p. 70)
- Teacher Leader (Education Specialist) (p. 72)

Professor

Kiser, Jerry D. (p. 168)
Turner, Tommy (p. 172)
Wallace, Melanie (p. 172)
Walsh, Joseph (p. 172)
Webb, Sheila A. (p. 173)

Associate Professor

Barnes, Jimmy H. (p. 164)
McGahey, James T. (p. 169)
Wilson, Priscilla (p. 173)

Assistant Professor

Paynter, Kelly (p. 170)
Stephens, Wendy S. (p. 171)
Warfield, Kimberly (p. 173)
Young, William (p. 173)

Counselor Education - Clinical Mental Health Counseling (Education Specialist)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the EdS in Clinical Mental Health Counseling

Applicants for an Education Specialist (EdS) program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

Applicants will not be considered for admission until all required documents are received by Graduate Studies.

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Master's degree in Clinical Mental Health Counseling, Marriage and Family Counseling, Community Counseling, or a related field.
5. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check, including Clinical Mental Health Counseling, through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
6. Professional resume.
7. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
8. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
9. Applicants whose packages are complete will be contacted to schedule an appointment for a writing sample and an interview with faculty members of the program.

**Admission Requirements for the EdS in Clinical Mental Health Counseling**

Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package.

**Minimum Requirements for the EdS in Clinical Mental Health Counseling**

An overall GPA of 3.25 is required on all coursework attempted for the education specialist degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Any course completed for the master's degree may not be repeated or counted for the EdS degree. Graduate courses at the 400 level will not count as credit towards the EdS degree.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECG 634</td>
<td>Advanced Counseling Theories</td>
<td>3</td>
</tr>
<tr>
<td>ECG 637</td>
<td>Advanced Career Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 691</td>
<td>Action Research Counseling I (to be taken toward the end of the program)</td>
<td>3</td>
</tr>
<tr>
<td>ECG 692</td>
<td>Action Research in Counseling II (must be taken in the last semester of enrollment)</td>
<td>3</td>
</tr>
<tr>
<td>ECG 646</td>
<td>Advanced Group Procedures in Counseling</td>
<td>3</td>
</tr>
</tbody>
</table>

**Concentration Requirements**

Select fifteen semester hours by advisement from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECG 501</td>
<td>Assessment in Counseling</td>
</tr>
<tr>
<td>ECG 526</td>
<td>Professional Ethics and Legal Issues</td>
</tr>
<tr>
<td>ECG 527</td>
<td>Organization and Administration of Counseling Services</td>
</tr>
<tr>
<td>ECG 528</td>
<td>Introduction to Play Therapy</td>
</tr>
<tr>
<td>ECG 529</td>
<td>Children and Grief</td>
</tr>
<tr>
<td>ECG 530</td>
<td>Couple, Marriage and Family Counseling</td>
</tr>
<tr>
<td>ECG 535</td>
<td>Rehabilitation Counseling</td>
</tr>
<tr>
<td>ECG 540</td>
<td>Psychopathology: Diagnosis and Treatment of DSM Disorders</td>
</tr>
<tr>
<td>ECG 559</td>
<td>Geriatric Counseling</td>
</tr>
<tr>
<td>ECG 560</td>
<td>Substance and Behavioral Addictions in Counseling</td>
</tr>
<tr>
<td>ECG 565</td>
<td>Psychopharmacology</td>
</tr>
<tr>
<td>ECG 573</td>
<td>Introduction to Student Personnel</td>
</tr>
<tr>
<td>ECG 578</td>
<td>Issues in Student Personnel</td>
</tr>
<tr>
<td>ECG 588</td>
<td>Crisis Counseling Intervention Strategies</td>
</tr>
<tr>
<td>ECG 589</td>
<td>Psychological First Aid &amp; Disaster Counseling</td>
</tr>
<tr>
<td>ECG 593</td>
<td>Internship in School Counseling</td>
</tr>
<tr>
<td>ECG 594</td>
<td>Internship in School Counseling</td>
</tr>
<tr>
<td>ECG 655</td>
<td>Holistic Counseling: Spirit, Soul and Body</td>
</tr>
<tr>
<td>ECG 693</td>
<td>Supervision in Counseling</td>
</tr>
<tr>
<td>EFD 560</td>
<td>Psychological Principles of Learning</td>
</tr>
<tr>
<td>EFD 615</td>
<td>Leadership in Education</td>
</tr>
</tbody>
</table>

Total Hours: 30 Graduate Semester Hours Required for this Degree

**Graduation and Comprehensive Exam**

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

**Counselor Education - Clinical Mental Health Counseling (Master of Science)**

**Application Deadlines**

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

**Application Materials Required for the MS in Clinical Mental Health Counseling**

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University,
700 Pelham Road North
Jacksonville, Alabama
36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Background check. Any candidate applying for admission to a state-approved teacher education program or the Clinical Mental Health Counseling program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.

Note: Admission decisions to Clinical Mental Health Counseling are not necessarily totally determined by the background check results;
conversation will ensue regarding appropriate field placements and career options.

5. Professional resume.
6. Statement of Goals: Summary (typed, one page, double-spaced) of the applicant’s reasons for pursuing the program.
7. Letter of Expectations: Summary (typed, one-page, double-spaced) of what the applicant expects is required for this master's program.
8. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
9. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
10. Applicants whose packages are complete will be contacted to schedule an appointment for a writing sample and an interview with faculty members of the program.

Admission Requirements for the MS in Clinical Mental Health Counseling

Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package.

Minimum Requirements for the MS in Clinical Mental Health Counseling

An overall 3.00 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

The Clinical Mental Health Counseling program at Jacksonville State University is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECG 501</td>
<td>Assessment in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EFD 500</td>
<td>Research in Education</td>
<td>3</td>
</tr>
<tr>
<td>EPY 525</td>
<td>Lifespan Development</td>
<td>3</td>
</tr>
<tr>
<td>ECG 506</td>
<td>Professional Counseling Orientation and Technology</td>
<td>3</td>
</tr>
<tr>
<td>ECG 523</td>
<td>Social &amp; Cultural Diversity in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 525</td>
<td>Pre-Practicum: Skills &amp; Techniques in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 526</td>
<td>Professional Ethics and Legal Issues</td>
<td>3</td>
</tr>
<tr>
<td>ECG 533</td>
<td>Theory and Process</td>
<td>3</td>
</tr>
<tr>
<td>ECG 556</td>
<td>Career Development</td>
<td>3</td>
</tr>
<tr>
<td>ECG 585</td>
<td>Practicum: Applied Skills &amp; Techniques in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 591</td>
<td>Group Procedures in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 595</td>
<td>Clinical Experience I in Mental Health Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 596</td>
<td>Clinical Experience II in Mental Health Counseling</td>
<td>3</td>
</tr>
</tbody>
</table>

Clinical Mental Health Counseling Concentration Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECG 530</td>
<td>Couple, Marriage and Family Counseling</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECG 540</td>
<td>Psychopathology: Diagnosis and Treatment of DSM Disorders</td>
<td>3</td>
</tr>
<tr>
<td>ECG 558</td>
<td>Counseling Children/Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>ECG 560</td>
<td>Substance and Behavioral Addictions in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 565</td>
<td>Psychopharmacology</td>
<td>3</td>
</tr>
<tr>
<td>ECG 588</td>
<td>Crisis Counseling Intervention Strategies</td>
<td>3</td>
</tr>
<tr>
<td>ECG 589</td>
<td>Psychological First Aid &amp; Disaster Counseling</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours 60

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Counselor Education - School Counseling P-12 (Education Specialist)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the EdS in School Counseling P-12

Applicants for an Education Specialist (EdS) program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

Applicants will not be considered for admission until all required documents are received by Graduate Studies.

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Master's-level professional educator certificate in School Counseling. ALL certificate(s) must be valid throughout the program and at graduation.

5. Applicants must have completed two full years of full-time acceptable P-12 professional educational work experience prior to admission to the program and will document their educational experience on the state-approved Supplemental EXP Form (https://www.alsde.edu/sec/ec/Misc%20Docs/SUPPLEMENT%20EXP%20df#search=Supplement%20EXP). Applicants should contact their superintendent's office/central office for completion of this form.

6. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.

7. Professional resume.

8. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.

9. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

10. Applicants whose packages are complete will be contacted to schedule an appointment for a writing sample and an interview with faculty members of the program.

1. If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

### Admission Requirements for the EdS in School Counseling P-12

Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package.

### Minimum Requirements for the EdS in School Counseling P-12

An overall GPA of 3.50 is required on all coursework attempted for the education specialist degree. Transfer credit cannot be used to raise the GPA to the required 3.50.

Any course completed for the master's degree or for master's level professional educator certification may not be repeated or counted for the EdS degree. Graduate courses at the 400 level will not count as credit towards the EdS degree.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECG 634</td>
<td>Advanced Counseling Theories</td>
<td>3</td>
</tr>
<tr>
<td>ECG 637</td>
<td>Advanced Career Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 691</td>
<td>Action Research Counseling I (to be taken toward the end of the program)</td>
<td>3</td>
</tr>
<tr>
<td>ECG 692</td>
<td>Action Research in Counseling II</td>
<td>3</td>
</tr>
<tr>
<td>ECG 693</td>
<td>Supervision in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 571</td>
<td>Introduction to Student Personnel</td>
<td>3</td>
</tr>
<tr>
<td>ECG 573</td>
<td>Issues in Student Personnel</td>
<td>3</td>
</tr>
<tr>
<td>ECG 578</td>
<td>Crisis Counseling Intervention Strategies</td>
<td>3</td>
</tr>
<tr>
<td>ECG 589</td>
<td>Psychological First Aid &amp; Disaster Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 595</td>
<td>Clinical Experience I in Mental Health Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 596</td>
<td>Clinical Experience II in Mental Health Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 655</td>
<td>Holistic Counseling: Spirit, Soul and Body</td>
<td>3</td>
</tr>
<tr>
<td>EGD 693</td>
<td>Supervision in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EGD 650</td>
<td>Survey Course in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>or EGD 645 Contemporary Challenges in Multicultural Education</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Concentration Requirements

Select twelve semester hours, by advisement, from the following: 12

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGD 656</td>
<td>Substance and Behavioral Addictions in Counseling</td>
</tr>
<tr>
<td>EGD 572</td>
<td>Psychopharmacology</td>
</tr>
<tr>
<td>EGD 573</td>
<td>Introduction to Student Personnel</td>
</tr>
<tr>
<td>EGD 578</td>
<td>Issues in Student Personnel</td>
</tr>
<tr>
<td>EGD 588</td>
<td>Crisis Counseling Intervention Strategies</td>
</tr>
<tr>
<td>EGD 595</td>
<td>Psychological First Aid &amp; Disaster Counseling</td>
</tr>
<tr>
<td>EGD 596</td>
<td>Clinical Experience I in Mental Health Counseling</td>
</tr>
<tr>
<td>EGD 655</td>
<td>Holistic Counseling: Spirit, Soul and Body</td>
</tr>
<tr>
<td>EGD 693</td>
<td>Supervision in Counseling</td>
</tr>
</tbody>
</table>

### Total Hours 30

### 30 Graduate Semester Hours Required for this Degree

1. Students who have not previously satisfied the special education requirement at the undergraduate or graduate level must take SPE 500 Survey Course in Special Education (3). If course was taken for prior level certification, the student must take EGD 552 Diversity Issues in Education (3) or EGD 645 Contemporary Challenges in Multicultural Education (3).

### Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Education Specialist professional educator certification in School Counseling P-12.

**Please Note:** Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.
Alabama Class AA Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must meet all required admission criteria and complete a program of study at a college or university that has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Students certified in states other than Alabama who wish to apply for certification in Alabama upon completion of the education specialist degree must apply for Alabama certification on the undergraduate and master's levels prior to applying for the education specialist level certification. Earning an education specialist degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate and master's certificates from Alabama.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Counselor Education - School Counseling P-12 (Master of Science)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Overview of Two Options for School Counseling Majors

Students applying to the School Counseling program have two options for application and degree completion:

1. Traditional Certification Option (for applicants who already hold a professional educator certificate in some area of education)

2. CACREP Option (for applicants who do not already hold a professional educator certificate)

Both options lead to eligibility for Master's-level professional educator certification in School Counseling P-12.

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Traditional Certification</th>
<th>CACREP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admission Requirements</td>
<td>State</td>
<td>State</td>
</tr>
<tr>
<td>Bachelor's degree from a regionally</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>accredited institution or the equivalent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>from an international institution</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Valid Bachelor’s- or Master’s-level</td>
<td>Required</td>
<td>Not Required</td>
</tr>
<tr>
<td>professional educator certificate in a</td>
<td></td>
<td></td>
</tr>
<tr>
<td>teaching field or another area of</td>
<td></td>
<td></td>
</tr>
<tr>
<td>instructional support</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two full years of full-time acceptable</td>
<td>Required</td>
<td>Not Required</td>
</tr>
<tr>
<td>P-12 professional educational work</td>
<td></td>
<td></td>
</tr>
<tr>
<td>experience prior to unconditional</td>
<td></td>
<td></td>
</tr>
<tr>
<td>admission to program</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clear background check</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>Program Completion Requirements</td>
<td>State</td>
<td>State</td>
</tr>
<tr>
<td>Completion of all program coursework</td>
<td>Required</td>
<td>Required</td>
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<tr>
<td>with a minimum 3.25 GPA</td>
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<tr>
<td>Passing score on the appropriate Praxis</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>Subject Assessment (must be completed</td>
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<tr>
<td>prior to ECG 593, Internship in School</td>
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<td></td>
</tr>
<tr>
<td>Counseling)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Satisfactory completion of oral and</td>
<td>Required</td>
<td>Required</td>
</tr>
<tr>
<td>written examinations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Additional Certification Requirements 1</td>
<td>State</td>
<td>State</td>
</tr>
<tr>
<td>Passing score on the National Counseling</td>
<td>Not Required</td>
<td>Required</td>
</tr>
<tr>
<td>Exam (NCE) (must be completed prior to</td>
<td></td>
<td></td>
</tr>
<tr>
<td>enrollment in ECG 594, Internship in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>School Counseling)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 Individuals seeking certification in states other than Alabama are responsible for contacting those state certification offices regarding school counseling certification requirements.
Application Materials Required for the MS in School Counseling P-12

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
5. Professional resume.
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. Traditional Certification Option Only: Applicants must have completed a minimum of two full years of full-time, acceptable P-12 professional educational work experience prior to unconditional admission to the program and will document their educational experience on the state-approved Supplemental EXP Form (https://www.aladeu.edu/sec/ec/Misc%20Docs/SUPPLEMENT%20EXP.pdf#search=Supplement%20EXP). Applicants should contact their superintendent’s office central office for completion of this form.
8. Traditional Certification Option Only: Valid Bachelor’s- or Master’s-level professional educator certificate in a teaching field or another area of instructional support. All certificate(s) must be valid throughout the program and at graduation.
9. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
10. Applicants whose packages are complete will be contacted to schedule an appointment for a writing sample and an interview with faculty members of the program.

Admission Requirements for the MS in School Counseling P-12

Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package. With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

Minimum Requirements for the MS in School Counseling P-12

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Successful completion of the Praxis Subject Assessment(s) is required prior to taking Internship.

The School Counseling program at Jacksonville State University is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education</td>
<td>0-3</td>
</tr>
</tbody>
</table>

Course Title Credits

Special Education Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECG 501</td>
<td>Assessment in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EFD 500</td>
<td>Research in Education</td>
<td>3</td>
</tr>
<tr>
<td>EPY 525</td>
<td>Lifespan Development</td>
<td>3</td>
</tr>
</tbody>
</table>

Basic Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>ECG 506</td>
<td>Professional Counseling Orientation and Technology (Required first semester of enrollment)</td>
<td>3</td>
</tr>
<tr>
<td>ECG 525</td>
<td>Pre-Practicum: Skills &amp; Techniques in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 526</td>
<td>Professional Ethics and Legal Issues</td>
<td>3</td>
</tr>
<tr>
<td>ECG 553</td>
<td>Theory and Process</td>
<td>3</td>
</tr>
<tr>
<td>ECG 556</td>
<td>Career Development</td>
<td>3</td>
</tr>
<tr>
<td>ECG 585</td>
<td>Practicum: Applied Skills &amp; Techniques in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 591</td>
<td>Group Procedures in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 593</td>
<td>Internship in School Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 594</td>
<td>Internship in School Counseling</td>
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</table>

School Counseling Concentration Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ECG 523</td>
<td>Social &amp; Cultural Diversity in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ECG 527</td>
<td>Organization and Administration of Counseling Services</td>
<td>3</td>
</tr>
<tr>
<td>ECG 558</td>
<td>Counseling Children/Adolescents</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours 45-48 Graduate Semester Hours Required for this Degree

1 Students who have not previously satisfied the special education requirement at the undergraduate or graduate level must take SPE 500 Survey Course in Special Education (3).

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.
Completion of this program leads to eligibility for Master’s-level professional educator certification in School Counseling P-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see theAlabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Students certified in states other than Alabama who wish to apply for master’s level certification in Alabama upon completion of the master’s degree must apply for Alabama certification on the undergraduate level prior to applying for the master’s level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master’s level certification is sought. Earning a master’s degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Instructional Leadership P-12 (Education Specialist)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Application Materials Required for the EdS in Instructional Leadership P-12

Applicants for an Education Specialist (EdS) program must submit all of the following documentation to Graduate Studies to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

Applicants will not be considered for admission until all required documents are received by Graduate Studies.

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Alabama Class A professional leadership certificate or a valid Alabama Class A professional educator certificate in Instructional Leadership or one of the other Alabama Class A leadership designations (Instructional Leader, Principal, Superintendent, Superintendent-Principal, Educational Administrator, Supervisor (any subject and/or grade level), Administrator of Career and Technical Education). ALL certificate(s) must be valid throughout the program and at graduation.
5. Applicants must have completed a minimum of three full years of full-time, acceptable P-12 professional educational experience, which must include at least one full year of full-time P-12 teaching experience prior to admission to the program and will document their educational experience on the state-approved Supplemental EXP Form (https://www.alsde.edu/sec/ec/Misc%20Docs/SUPPLEMENT%20EXP.pdf#search=Supplement%20EXP). Applicants should contact their superintendent’s office/central office for completion of this form.
6. Applicants must meet ONE of the following criteria:
   a. Be currently serving as a superintendent, assistant or associate superintendent, assistant to the superintendent, principal, assistant principal, supervisor (any subject and/or grade level), administrator of career and technical education, coordinator, or evaluator. Or
   b. Document three years of employment in an instructional leadership position for which one of the certificates is proper certification according to the current edition of the Subject and Personnel Codes of the Alabama State Department of Education. Or
   c. Demonstrate each of the abilities in the Class A Instructional Leadership standards prior to admission to the Class AA Instructional Leadership program or prior to completion of the Class AA Instructional Leadership program.
7. Professional resume.
8. Three Graduate Reference Forms. One of the references must be from the applicant’s principal or district supervisor. The other two references must be from individuals who can provide qualitative assessment of an applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically.
Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.


10. Most recent performance appraisals.

11. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

12. Applicants whose packages are complete will be contacted to schedule an appointment for a writing sample and an interview with faculty members of the program.

13. Through the professional resume, graduate reference forms, statement of goals, performance appraisals, writing sample, and/or interview portfolio, applicants must present a.) evidence of ability to lead student achievement and b.) evidence of leadership and management potential.

Admission Requirements for the EdS in Instructional Leadership P-12

Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package.

Individuals must be unconditionally admitted to the Class AA Instructional Leadership program before enrolling in any Instructional Leadership (IL) courses in the Class AA Instructional Leadership program.

Minimum Requirements for the EdS in Instructional Leadership P-12

An overall GPA of 3.50 is required on all coursework attempted for the education specialist degree. Transfer credit cannot be used to raise the GPA to the required 3.50.

Any course completed for the master’s degree or for master’s level professional educator certification may not be repeated or counted for the EdS degree. Graduate courses at the 400 level will not count as credit towards the EdS degree.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFD 615</td>
<td>Leadership in Education</td>
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<tr>
<td>EFD 620</td>
<td>Measurement and Evaluation in Education</td>
<td>3</td>
</tr>
<tr>
<td>EFD 645</td>
<td>Contemporary Challenges in Multicultural Education</td>
<td>3</td>
</tr>
<tr>
<td>IL 612</td>
<td>Planning and Managing Facilities and Programs</td>
<td>3</td>
</tr>
<tr>
<td>IL 614</td>
<td>Internship in Personnel Development I</td>
<td>3</td>
</tr>
<tr>
<td>IL 620</td>
<td>Internship in Personnel Development II</td>
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<td>IL 632</td>
<td>Research in Instructional Leadership</td>
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</tr>
<tr>
<td>IL 650</td>
<td>Seminar in Curriculum Development</td>
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<tr>
<td>IL 691</td>
<td>Problems in Instructional Leadership I and Internship</td>
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<td>IL 692</td>
<td>Problems in Instructional Leadership II and Internship</td>
<td>3</td>
</tr>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education</td>
<td>0-3</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>30-33</td>
</tr>
</tbody>
</table>

1 Students who have not previously taken the special education requirement at the undergraduate or graduate level must take SPE 500 Survey Course in Special Education (3).

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Education Specialist professional leadership certification in Instructional Leadership P-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class AA Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must meet all required admission criteria and complete a program of study at a college or university that has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/Alabama%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Instructional Leadership P-12 (Master of Science in Education)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:
Application Materials Required for the MSE in Instructional Leadership P-12

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

- Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
- Non-refundable $35.00 application processing fee.
- Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
- Valid Alabama Bachelor's-level professional educator certificate in a teaching field or a valid Alabama Master's-level professional educator certificate in a teaching field or instructional support area. All certificate(s) must be valid throughout the program and at graduation.

Note: Applicants must have a valid Alabama Master's-level professional educator certificate for the Reduced Credit Hour Option.

- Background check¹. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
- Must have a minimum of three full years (or six full semesters) of full-time, acceptable professional experience in a P-12 setting, which must include at least one full year of full-time P-12 classroom teaching experience prior to unconditional admission to the program and will document their educational experience on the state-approved Supplemental EXP Form (https://www.alsde.edu/sec/ec/Misc %20Docs/SUPPLEMENT%20EXP.pdf#search=Supplement%20EXP). Applicants should contact their superintendent's office/central office for completion of this form.
- Professional resume.
- Statement of Goals: Summary (typed, one page, double-spaced) of the applicant's reasons for pursuing the program.
- Letter of Expectations: Summary (typed, one-page, double-spaced) of what the applicant expects is required for this master's program.
- Copy of applicant's most recent performance appraisal.

1. Three Graduate Reference Forms. One of the references must be from the applicant's principal or superintendent. The other two references must be from individuals who can provide qualitative assessment of an applicant's potential for success in graduate coursework. For the Reduced 18-hour Certificate in Instructional Leadership, references must be from a principal and a superintendent. The other reference must be from an individual who can provide qualitative assessment of an applicant's potential for success in graduate coursework.

12. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

13. Applicants whose packages are complete will be contacted to schedule an appointment for a writing sample and an interview with faculty members of the program.

14. Through the professional resume, graduate reference forms, performance appraisals, writing sample, and/or interview portfolio, applicants must present a.) evidence of ability to improve student achievement and b.) evidence of leadership and management potential, including evidence of most recent accomplishments in the area of educational leadership.

¹ If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

Admission Requirements for the MSE in Instructional Leadership P-12

Applicants are admitted on a selective basis upon review of the completed application package.

Individuals must be unconditionally admitted to the (Class A) Instructional Leadership program before enrolling in any Instructional Leadership (IL) courses in the program.

Minimum Requirements for the MSE in Instructional Leadership P-12

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Successful completion of the appropriate Praxis Subject Assessment(s) is required before taking Internship.

<table>
<thead>
<tr>
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<td>EFD 502</td>
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<td>EFD 552</td>
<td>Diversity Issues in Education</td>
<td>3</td>
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<td>EIM 503</td>
<td>Technology-Enhanced Teaching and Learning¹</td>
<td>3</td>
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<tr>
<td>IL 504</td>
<td>Graduate Education and Technology (Required first</td>
<td>3</td>
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<td></td>
<td>semester of enrollment)</td>
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<tr>
<td>IL 510</td>
<td>Action Research</td>
<td>3</td>
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<tr>
<td>IL 553</td>
<td>Leading for Learning</td>
<td>3</td>
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<td>IL 555</td>
<td>Management of the Learning Organization I</td>
<td>3</td>
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<td>IL 556</td>
<td>Management of the Learning Organization II</td>
<td>3</td>
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<tr>
<td>IL 562</td>
<td>Leading Change for Student Learning</td>
<td>3</td>
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<tr>
<td>IL 564</td>
<td>Law and Ethics</td>
<td>3</td>
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<tr>
<td>IL 566</td>
<td>Internship in Instructional Leadership</td>
<td>3</td>
</tr>
<tr>
<td>IL 576</td>
<td>Internship in Instructional Leadership and Residency</td>
<td>3</td>
</tr>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education²</td>
<td>0-3</td>
</tr>
</tbody>
</table>

Total Hours 36-39
36-39 Graduate Semester Hours Required for this Degree

1. Students may substitute EIM 504 Learning Through Interactive Technologies (3) or EIM 505 Digital Literacy in the Classroom (3) if they have met the prerequisites.

2. Students who have not previously satisfied the special education requirement at the undergraduate or graduate level must take SPE 500 Survey Course in Special Education (3).

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Instructional Leadership P-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/).

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Instructional Leadership P-12 (Reduced Credit Hour Option)

JSU offers a Reduced Credit Hour Option for Professional Educator Certification in Instructional Leadership at the Master’s Degree Level for individuals who already hold a valid Alabama Master’s-level professional educator certificate in a teaching field or instructional support area.

Please review the Graduate Certificate Disclosure (http://www.jsu.edu/graduate/disclosure.html) information.

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

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<tr>
<th>Date</th>
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</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Application Materials Required for the MSE in Instructional Leadership P-12

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Alabama Bachelor’s-level professional educator certificate in a teaching field or a valid Alabama Master’s-level professional educator certificate in a teaching field or instructional support area. All certificate(s) must be valid throughout the program and at graduation.

Note: Applicants must have a valid Alabama Master’s-level professional educator certificate for the Reduced Credit Hour Option.

5. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.

6. Must have a minimum of three full years (or six full semesters) of full-time, acceptable professional experience in a P-12 setting, which must include at least one full year of full-time P-12 classroom teaching experience prior to unconditional admission to the program and will document their educational experience on the state-approved Supplemental EXP Form (https://www.alsde.edu/sec/ec/Misc%20Docs/SUPPLEMENT%20EXP.pdf#search=Supplement%20EXP).
Applicants should contact their superintendent's office/central office for completion of this form.

7. Professional resume.
8. Statement of Goals: Summary (typed, one page, double-spaced) of the applicant's reasons for pursuing the program.
9. Letter of Expectations: Summary (typed, one-page, double-spaced) of what the applicant expects is required for this master's program.
10. Copy of applicant's most recent performance appraisal.
11. Three Graduate Reference Forms. One of the references must be from the applicant's principal or superintendent. The other two references must be from individuals who can provide qualitative assessment of an applicant's potential for success in graduate coursework. For the Reduced 18-hour Certificate in Instructional Leadership, references must be from a principal and a superintendent. The other reference must be from an individual who can provide qualitative assessment of an applicant's potential for success in graduate coursework.
12. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
13. Applicants whose packages are complete will be contacted to schedule an appointment for a writing sample and an interview with faculty members of the program.
14. Through the professional resume, graduate reference forms, performance appraisals, writing sample, and/or interview portfolio, applicants must present a.) evidence of ability to improve student achievement and b.) evidence of leadership and management potential, including evidence of most recent accomplishments in the area of educational leadership.

If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

Admission Requirements for the MSE in Instructional Leadership P-12

Applicants are admitted on a selective basis upon review of the completed application package.

Individuals must be unconditionally admitted to the (Class A) Instructional Leadership program before enrolling in any Instructional Leadership (IL) courses in the program.

Please review the Graduate Certificate Disclosure (http://www.jsu.edu/graduate/disclosure.html) information.

Reduced Credit Hour Option for Certification in Instructional Leadership at the Master's Degree Level

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<tr>
<td>IL 510</td>
<td>Action Research</td>
<td>3</td>
</tr>
<tr>
<td>IL 555</td>
<td>Management of the Learning Organization I</td>
<td>3</td>
</tr>
<tr>
<td>IL 564</td>
<td>Law and Ethics</td>
<td>3</td>
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<tr>
<td>IL 566</td>
<td>Internship in Instructional Leadership</td>
<td>3</td>
</tr>
<tr>
<td>IL 576</td>
<td>Internship in Instructional Leadership and Residency</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours 18

18 Graduate Semester Hours Required for this Option

Graduation and Comprehensive Exam

A comprehensive exam is required for this reduced credit hour option; please see the graduate advisor for full details. All students must apply for completion (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/Registrar/academic-calendar/) in which they plan to complete. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master's-level professional educator certification in Instructional Leadership P-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students' programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students' programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/).

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Instructional Technology (Master of Science)

The Instructional Technology program will equip individuals with the knowledge and skills necessary to guide educational practitioners in the use of emerging technologies to improve teaching and learning.
Program participants will develop knowledge and skills in foundations of instructional design, software applications, e-learning modules and course development, and assessment and evaluation techniques. This program is not a professional educator certification program.

Application Deadlines
Deadline dates for applications and receipt of all required application materials are:

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<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MS in Instructional Technology
Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
5. If currently an educator, a copy of the candidate’s Professional Educator Certificate.
6. A professional curriculum vita or resume.
7. International student applicants must see the International Students Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MS in Instructional Technology
Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package.

Minimum Requirements for the MS in Instructional Technology
An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Graduation and Comprehensive Exam
A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Library Media P-12 (Education Specialist)
Application Deadlines
Deadline dates for applications and receipt of all required application materials are:
Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the EdS in Library Media P-12

Applicants for an Education Specialist (EdS) program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

Applicants will not be considered for admission until all required documents are received by Graduate Studies.

1. Completed JSU Graduate Application for Admission (https://grrecruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Master’s-level professional educator certificate in Library Media. ALL certificate(s) must be valid throughout the program and at graduation.
5. Applicants must have completed two full years of full-time acceptable P-12 professional educational work experience prior to admission to the program and will document their educational experience on the state-approved Supplemental EXP Form (https://www.alsde.edu/sec/ec/Misc%20Docs/SUPPLEMENT%20EXP.pdf#search=Supplement%20EXP). Applicants should contact their superintendent’s office/central office for completion of this form.
6. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
7. Professional resume.
8. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
9. International student applicants must see the International Student Recruiter.jsu.edu/Apply/Account/Login/).
10. Applicants whose packages are complete will be contacted to schedule an appointment for a writing sample and an interview with faculty members of the program.

If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

Admission Requirements for the EdS in Library Media P-12

Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package.

Minimum Requirements for the EdS in Library Media P-12

An overall GPA of 3.50 is required on all coursework attempted for the education specialist degree. Transfer credit cannot be used to raise the GPA to the required 3.50.

Any course completed for the master’s degree or for master’s level professional educator certification may not be repeated or counted for the EdS degree. Graduate courses at the 400 level will not count as credit towards the EdS degree.

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<th>Credits</th>
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<tr>
<td>EIM 620</td>
<td>Educational Multi-Media and Video</td>
<td>3</td>
</tr>
<tr>
<td>EIM 624</td>
<td>Advanced Digital Photography in Education</td>
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</tr>
<tr>
<td>LM 612</td>
<td>Advanced Materials for Children and Young Adults</td>
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Total Hours: 30-34

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

1 Students who did not take ED 500 Introduction to Graduate Education and Technology (1) [discipline specific section] as a master’s student at JSU are required to take the course as part of their EdS program. Required in the first semester of enrollment.
2 Students who have not previously satisfied the special education requirement at the undergraduate or graduate level must take SPE 500 Survey Course in Special Education (3).
Completion of this program leads to eligibility for Education Specialist professional educator certification in Library Media P-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class AA Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must meet all required admission criteria and complete a program of study at a college or university that has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.
2. Students certified in states other than Alabama who wish to apply for certification in Alabama upon completion of the education specialist degree must apply for Alabama certification on the undergraduate and master’s levels prior to applying for the education specialist level certification. Earning an education specialist degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate and master’s certificates from Alabama.
3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Library Media P-12 (Master of Science in Education)

Application Materials Required for the MSE in Library Media P-12

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor’s-level professional educator certificate in any area of education. All certificate(s) must be valid throughout the program and at graduation.
5. Background check1. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
6. Applicants must have completed two full years of full-time acceptable P-12 professional educational work experience prior to unconditional admission to the program and will document their educational experience on the state-approved Supplemental EXP Form (https://www.alsde.edu/sec/ec/Misc%20Docs/SUPPLEMENT%20EXPpdf#search=Supplement%20EXP). Applicants should contact their superintendent’s office/central office for completion of this form.
7. Professional resume.
8. Statement of Goals: Summary (typed, one page, double-spaced) of the applicant’s reasons for pursuing the program.
9. Letter of Expectations: Summary (typed, one-page, double-spaced) of what the applicant expects is required for this master’s program.
10. Copy of applicant’s most recent performance appraisal.
11. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
12. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
13. Applicants whose packages are complete will be contacted to schedule an appointment for a writing sample and an interview with faculty members of the program.
14. Through the professional resume, statement of goals, letter of expectations, performance appraisal, graduate reference forms, writing sample, and/or interview portfolio, applicants must present evidence of ability to improve student achievement.

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

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<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.
If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

Admission Requirements for the MSE in Library Media P-12

Applicants are admitted on a selective basis upon review of the completed application package.

Minimum Requirements for the MSE in Library Media P-12

An overall 3.25 GPA is required prior to Internship. Transfer credit cannot be used to raise the GPA to the required 3.25.

Successful completion of the appropriate Praxis Subject Assessment(s) is required prior to Internship.

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master's-level professional educator certification in Library Media P-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services website (http://www.jsu.edu/education/tes/).

2. Students certified in states other than Alabama who wish to apply for master's level certification in Alabama upon completion of the master's degree must apply for Alabama certification on the undergraduate level prior to applying for the master's level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master's level certification is sought. Earning a master's degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Failure to meet the requirements will result in the certificate being revoked.

Course Title Credits
Prerequisite Courses
ED 500 Introduction to Graduate Education and Technology 1 0-4
SPE 500 Survey Course in Special Education 2

Foundational Courses
EFD 500 Research in Education 3
EFD 552 Diversity Issues in Education 3
EFD 560 Psychological Principles of Learning 3

Library Media Courses
EIM 504 Learning Through Interactive Technologies 3
EIM 505 Digital Literacy in the Classroom 3
EIM 551 Technology in School Environments 3
LM 512 Children and Young Adult Literature 3
LM 513 Management of Media Centers 3
LM 530 Librarian as Instructional Partner 3
LM 531 Trends, Issues, Innovation and Leadership in Libraries and Schools 3
LM 532 Collection Management, Cataloging, and Reference 3
LM 515 Internship in Media Services 3

Total Hours 36-40

36-40 Graduate Semester Hours Required for this Degree

1. Discipline specific section required first semester of enrollment.
2. Students who have not previously satisfied the special education requirement at the undergraduate, graduate level must take SPE 500 Survey Course in Special Education (3).
3. Prospective media specialists who already have experience as a classroom teacher can choose to substitute an appropriate elective (as per advisement by LM staff) for EFD 560 Psychological Principles of Learning (3) if desired. Electives could include classes such as EIM 503 Technology-Enhanced Teaching and Learning (3), EED 509 Advanced Twenty-First Century Teaching and Learning (3), ESE 505 Education Methods, Assessment, and Technology in Secondary Schools (3) or SPE 520 Technology for SPE (3).
Teacher Leader (Education Specialist)

Application Materials Required for the EdS in Teacher Leader

Applicants for an Education Specialist (EdS) program must submit all of the following documentation to Graduate Admissions to be considered for admission:

1. Completed JSU Graduate Application for Admission (https://grrecruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Master's-level professional educator certificate in any teaching field or area of instructional support. ALL certificate(s) must be valid throughout the program and at graduation.
5. Applicants must have completed a minimum of three full years of full-time teaching experience in a P-12 setting prior to admission to the program and will document their educational experience on the state-approved Supplemental EXP Form (https://www.alsde.edu/sec/ec/Misc%20Docs/SUPPLEMENT%20EXP.pdf?search=Supplement%20EXP). Applicants should contact their superintendent’s office/central office for completion of this form.
6. Professional resume.
7. Three Graduate Reference Forms. One of the references must be from the applicant’s principal or district supervisor. The other two references must be from individuals who can provide qualitative assessment of an applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
8. International student applicants must see the International Student Recruiter website (https://www.alsde.edu/sec/central-office-for-completion-of-this-form/).
9. Applicants whose packages are complete will be contacted to schedule an appointment for a writing sample and an interview with faculty members of the program.
10. Through the professional resume, graduate reference forms, writing sample, and/or interview portfolio, applicants must present evidence of ability to positively affect student achievement and evidence of collaborative leadership potential.

Admission Requirements for the EdS in Teacher Leader

Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package.

Minimum Requirements for the EdS in Teacher Leader

An overall GPA of 3.50 is required on all coursework attempted for the education specialist degree. Transfer credit cannot be used to raise the GPA to the required 3.50.

Any course completed for the master's degree or for master's level professional educator certification may not be repeated or counted for the EdS degree. Graduate courses at the 400 level will not count as credit towards the EdS degree.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFD 615</td>
<td>Leadership in Education</td>
<td>3</td>
</tr>
<tr>
<td>EFD 620</td>
<td>Measurement and Evaluation in Education</td>
<td>3</td>
</tr>
<tr>
<td>EFD 645</td>
<td>Contemporary Challenges in Multicultural Education</td>
<td>3</td>
</tr>
<tr>
<td>EFD 670</td>
<td>Facilitating Quality Instruction in Mathematics with Colleagues</td>
<td>3</td>
</tr>
<tr>
<td>EFD 672</td>
<td>Facilitating Quality Instruction in Literacy with Colleagues</td>
<td>3</td>
</tr>
<tr>
<td>EFD 691</td>
<td>Advanced Research in Education I</td>
<td>3</td>
</tr>
<tr>
<td>EFD 692</td>
<td>Advanced Research in Education II</td>
<td>3</td>
</tr>
<tr>
<td>IL 614</td>
<td>Internship in Personnel Development I</td>
<td>3</td>
</tr>
<tr>
<td>IL 620</td>
<td>Internship in Personnel Development II</td>
<td>3</td>
</tr>
<tr>
<td>IL 650</td>
<td>Seminar in Curriculum Development</td>
<td>3</td>
</tr>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours: 30-33

30-33 Graduate Semester Hours Required for this Degree

Students who have not previously satisfied the special education requirement at the undergraduate or graduate level must take SPE 500 Survey Course in Special Education (3).

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Education Specialist professional educator certification in Teacher Leader.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently,
modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

**Alabama Class AA Professional Educator Certification Requirements**

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must meet all required admission criteria and complete a program of study at a college or university that has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions [here](http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services [website](http://www.jsu.edu/education/tes/).

2. Students certified in states other than Alabama who wish to apply for certification in Alabama upon completion of the education specialist degree must apply for Alabama certification on the undergraduate and master’s levels prior to applying for the education specialist level certification. Earning an education specialist degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate and master’s certificates from Alabama.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

**Department of Curriculum and Instruction**

*Department Head: Dr. Melinda Staubs, mstaubs@jsu.edu*

The Department of Curriculum & Instruction offers Master of Science in Education (MSE) degrees in Early Childhood Education, Elementary Education, Early Childhood Special Education, Special Education Collaborative Teacher, and Reading Specialist for those who already hold initial certification. We also offer an alternative route for receiving a Master of Science in Education degree for those who have a bachelor’s degree outside of education. The Alternative Class A Master of Science in Education (MSE) programs include Early Childhood Education, Elementary Education, and Special Education Collaborative Teacher. These alternative programs are designed to fully equip candidates to be effective educators.

- Early Childhood Education P-3 (Master of Science in Education) (p. 73)
- Early Childhood Education P-3 Alternative Class A (Master of Science in Education) (p. 75)
- Early Childhood Special Education P-3 (Master of Science in Education) (p. 76)
- Elementary Education K-6 (Master of Science in Education) (p. 78)
- Elementary Education K-6 Alternative Class A (Master of Science in Education) (p. 79)
- Reading Specialist P-12 (Master of Science in Education) (p. 81)
- Special Education Collaborative Teacher K-6/6-12 (Master of Science in Education) (p. 83)
- Special Education Collaborative Teacher K-6/6-12 Alternative Class A (Master of Science in Education) (p. 84)

**Professor**

Beard, Lawrence (p. 164)

Gardner, Teresa (p. 166)

Staubs, Melinda (p. 171)

Thornburg, Gena (p. 172)

**Associate Professor**

Bavonese, Janet L. (p. 164)

Connor, Cynthia (p. 165)

Johns, Kyoko M. (p. 168)

Troncale, Jennifer M. (p. 172)

**Early Childhood Education P-3 (Master of Science in Education)**

**Application Deadlines**

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
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<tr>
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</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

**Application Materials Required for the MSE in Early Childhood Education P-3**

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission [here](https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)

4. Valid Bachelor’s-level professional educator certificate in Early Childhood Education P-3. ALL certificate(s) must be valid throughout the program and at graduation.

5. Background check^1. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.

6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.

7. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

^1 If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

**Admission Requirements for the MSE in Early Childhood Education P-3**

Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package.

With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

**Minimum Requirements for the MSE in Early Childhood Education P-3**

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EED 509</td>
<td>Advanced Twenty-First Century Teaching and Learning</td>
<td>3</td>
</tr>
<tr>
<td>EED 550</td>
<td>Diversity in Today's Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EED 554</td>
<td>Integrating STEM and STEAM Into Practice</td>
<td>3</td>
</tr>
<tr>
<td>EFD 500</td>
<td>Research in Education</td>
<td>3</td>
</tr>
<tr>
<td>RDG 546</td>
<td>Multicultural Literature</td>
<td>3</td>
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<tr>
<td>ECE 513</td>
<td>Individualization of Education for Young Children</td>
<td>3</td>
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<tr>
<td>ECE 530</td>
<td>Practicum for Young Children</td>
<td>3</td>
</tr>
<tr>
<td>ECE 540</td>
<td>Intervention in the Early Childhood Classroom</td>
<td>3</td>
</tr>
<tr>
<td>ECE 545</td>
<td>Literacy Interventions in the Early Childhood Classroom</td>
<td>3</td>
</tr>
<tr>
<td>RDG 538</td>
<td>Teaching Reading in ECE</td>
<td>3</td>
</tr>
</tbody>
</table>

**Teaching Field Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE 545</td>
<td>Literacy Interventions in the Early Childhood Classroom</td>
<td>3</td>
</tr>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>or EED 548</td>
<td>Materials and Methods for the Multicultural Classroom</td>
<td>3</td>
</tr>
<tr>
<td>or RDG 530</td>
<td>Methods and Materials for Reading: Teaching Students with Exceptionalities in the Inclusive Setting</td>
<td>3</td>
</tr>
<tr>
<td>or SPE 532</td>
<td>Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Hours**

33 Graduate Semester Hours Required for this Degree

1. SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must select EED 548 Materials and Methods for the Multicultural Classroom (3), RDG 530 Methods and Materials for Reading: Teaching Students with Exceptionalities in the Inclusive Setting (3), or SPE 532 Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom (3).

**Graduation and Comprehensive Exam**

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Early Childhood Education P-3.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

**Alabama Class A Professional Educator Certification Requirements**

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL...
2. Students certified in states other than Alabama who wish to apply for master's level certification in Alabama upon completion of the master’s degree must apply for Alabama certification on the undergraduate level prior to applying for the master’s level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master’s level certification is sought. Earning a master’s degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Early Childhood Education P-3 Alternative Class A (Master of Science in Education)

The School of Education offers Alternative Class A Programs for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master’s degree and recommendation for Master’s-level Alabama Class A professional educator certification.

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the respective graduate program chair.

Application Materials Required for the Alternative Class A MSE in Early Childhood Education P-3

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.) Applicants must hold a 2.00 GPA on the most recent undergraduate degree or a 3.00 GPA on the most recent master’s degree. This GPA must be documented on the official transcript of the degree-granting regionally accredited institution and must be the GPA that was used as the basis for granting the degree.
4. If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency:
   - Center for Applied Research, Evaluation and Education, Inc.
   - Educational Credential Evaluators, Inc.
   - International Consultants of Delaware
   - International Education Evaluations, Inc.
   - International Education Research Foundation, Inc.
   - Josef Silny and Associates, Inc.
   - World Education Services
   - Please see the ALSDE website (https://www.alsde.edu/sec/ec/Pages/foreigncredentials-all.aspx?navtext=Other%20Approaches%3a%20Foreign%20Credentials/World%20Education%20Services/) for full details.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
6. Alternative Class A Transcript Evaluation. Once transcripts have been received, applicants must contact Teacher Education Services (http://www.jsu.edu/education/tes/) at (256) 782-5574 for an individual evaluation concerning undergraduate course deficiencies and teacher education program eligibility requirements prior to registration for coursework.

Admission Requirements for the Alternative Class A MSE in Early Childhood Education P-3

Applicants are admitted on a selective basis upon review of the completed application package.

Admission to graduate studies is not equivalent to unconditional admission to an approved teacher education program.

If applicable, all deficiency courses and teacher education program eligibility requirements must be completed prior to unconditional admission to the teacher education program.

Minimum Requirements for the Alternative Class A MSE in Early Childhood Education P-3

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ECE 533</td>
<td>Enhancing Learning Through Children’s Literature</td>
<td>3</td>
</tr>
<tr>
<td>ED 501</td>
<td>Introduction to Graduate Teacher Education</td>
<td>3</td>
</tr>
</tbody>
</table>
ED 510 Academic Research for the Teacher 3
ED 530 Methods for Language and Literacy Development 3
ED 550 Diversity in Today's Classroom 3
RDG 520 Teaching Reading 3
RDG 521 Practicum in Teaching Reading 3
RDG 547 Diagnosing Reading Abilities 3
ED 595 Internship in Education 3
ED 596 Reflective Practices in Education 3

Teaching Field Requirements
ECE 500 Materials and Methods 3
ECE 501 Behavior and Development in Early Childhood 3
ECE 507 Assessment in Early Childhood Education 3
EED 509 Advanced Twenty-First Century Teaching and Learning 3
EED 511 Mathematics for Children 3
EED 512 Science for Children 3
EED 513 Curriculum Integration in Teaching Social Studies 3
ECE 530 Practicum for Young Children 3
EED 514 Practicum in Content Block 3

Diversity Requirements
SPE 500 Survey Course in Special Education 3
or EED 548 Materials and Methods for the Multicultural Classroom
or RDG 530 Methods and Materials for Reading: Teaching Students with Exceptionalities in the Inclusive Setting
or SPE 532 Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom

Total Hours 60

60 Graduate Semester Hours Required for this Degree.

1. ED 595 Internship in Education (3) is equivalent to undergraduate student teaching and requires a semester long internship in the public schools. This must be scheduled during the last semester of coursework.

2. SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate level, candidates must select EED 548 Materials and Methods for the Multicultural Classroom (3), RDG 530 Methods and Materials for Reading: Teaching Students with Exceptionalities in the Inclusive Setting (3), or SPE 532 Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom (3).

Undergraduate Requirements

0-48 hours of undergraduate coursework to include the following:

- 12 hours of Laboratory Science
- 12 hours of English/Language Arts
- 12 hours of Social/Behavioral Sciences
- 12 hours of Math

1. SPE 532 Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom (3) is equivalent to undergraduate student teaching and requires a semester long internship in the public schools. This must be scheduled during the last semester of coursework.

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Early Childhood Education P-3.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Early Childhood Special Education P-3 (Master of Science in Education)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

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<tr>
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<td>April 1</td>
<td>Summer Admission</td>
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</tbody>
</table>
Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MSE in Early Childhood Special Education P-3

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor’s level professional educator certificate in any teaching field. All certificate(s) must be valid throughout the program and at graduation.
5. Background check ¹. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MSE in Early Childhood Special Education P-3

Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package.

With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

Minimum Requirements for the MSE in Early Childhood Special Education P-3

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Successful completion of the appropriate Praxis Subject Assessment(s) is required before Practicum, ECE 512 Practicum in Early Childhood Special Education (3)

Course Title Credits
Core Requirements
EED 550 Diversity in Today’s Classroom 3
EFD 500 Research in Education 3
SPE 509 Data Analysis K-12 3
SPE 520 Technology for SPE 3
SPE 570 Action Research in SPE 3

Teaching Field Requirements
ECE 512 Practicum in Early Childhood Special Education 3
ECE 513 Individualization of Education for Young Children 3
ECE 540 Intervention in the Early Childhood Classroom 3
ECE 545 Literacy Interventions in the Early Childhood Classroom 3
RDG 538 Teaching Reading in ECE 3
SPE 526 Methods of Autism Spectrum Disorder 3
SPE 533 Applied Behavior Analysis in SPE 3

Diversity Requirement
SPE 500 Survey Course in Special Education ¹ 3
or EED 548 Materials and Methods for the Multicultural Classroom 3
or RDG 530 Methods and Materials for Reading: Teaching Students with Exceptionalities in the Inclusive Setting 3
or SPE 532 Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom 3

Total Hours 39

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

¹ If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.
Completion of this program leads to eligibility for Master’s-level professional educator certification in Early Childhood Special Education P-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Students certified in states other than Alabama who wish to apply for master's level certification in Alabama upon completion of the master's degree must apply for Alabama certification on the undergraduate level prior to applying for the master’s level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master’s level certification is sought. Earning a master’s degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Elementary Education K-6 (Master of Science in Education)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MSE in Elementary Education K-6

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor’s-level professional educator certificate in Elementary Education. All certificate(s) must be valid throughout the program and at graduation.
5. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MSE in Elementary Education K-6

Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package.

With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

Minimum Requirements for the MSE in Elementary Education K-6

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.
Course | Title | Credits
--- | --- | ---
**Core Requirements**
EED 522 | Classroom Assessment for Learning | 3
EED 550 | Diversity in Today’s Classroom | 3
EED 509 | Advanced Twenty-First Century Teaching and Learning | 3
EFD 500 | Research in Education | 3

**Teaching Field Requirements**
EED 543 | Social Studies and Today’s Learner | 3
EED 554 | Integrating STEM and STEAM Into Practice | 3
RDG 542 | Strategic Reading Across the Curriculum | 3
RDG 545 | Teaching Language Arts | 3
RDG 546 | Multicultural Literature | 3
EED 549 | Teachers as Leaders in the Elementary Classroom (To be taken at end of program during fall or spring semester) | 3

**Diversity Requirement**
SPE 500 | Survey Course in Special Education | 3
or EED 548 | Materials and Methods for the Multicultural Classroom | 3
or RDG 530 | Methods and Materials for Reading: Teaching Students with Exceptionalities in the Inclusive Setting | 3
or SPE 532 | Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom | 3

**Total Hours** | **33**

33 Graduate Semester Hours Required for this Degree

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1. **Alabama Class A Professional Educator Certification Requirements**

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Students certified in states other than Alabama who wish to apply for master’s level certification in Alabama upon completion of the master’s degree must apply for Alabama certification on the undergraduate level prior to applying for the master’s level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master’s level certification is sought. Earning a master’s degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

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2. **Elementary Education K-6 Alternative Class A (Master of Science in Education)**

The School of Education offers Alternative Class A Programs for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master’s degree and recommendation for Master’s-level Alabama Class A professional educator certification.

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3. **Application Deadlines**

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
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<tbody>
<tr>
<td>July 1</td>
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<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the respective graduate program chair.
Application Material Required for the Alternative Class A MSE in Elementary Education K-6

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.) Applicants must hold a 2.00 GPA\(^1\) on the most recent undergraduate degree or a 3.00 GPA on the most recent master's degree. This GPA must be documented on the official transcript of the degree-granting regionally accredited institution and must be the GPA that was used as the basis for granting the degree.
4. If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency:
   - Center for Applied Research, Evaluation and Education, Inc.
   - Educational Credential Evaluators, Inc.
   - International Consultants of Delaware
   - International Education Evaluations, Inc.
   - International Education Research Foundation, Inc.
   - Josef Silny and Associates, Inc.
   - World Education Services
   - Please see the ALSDE website (https://www.alsde.edu/sec/ec/Pages/foreigncredentials-all.aspx?navtext=Other%20Approaches%3a%20Foreign%20CredentialsWorld%20Education%20Services/) for full details.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
6. Alternative Class A Transcript Evaluation. Once transcripts have been received, applicants must contact Teacher Education Services (http://www.jsu.edu/education/tes/) at (256) 782-5574 for an individual evaluation concerning undergraduate course deficiencies and teacher education program eligibility requirements prior to registration for coursework.

Admission Requirements for the Alternative Class A MSE in Elementary Education K-6

Applicants are admitted on a selective basis upon review of the completed application package.

Admission to graduate studies is not equivalent to unconditional admission to an approved teacher education program.

If applicable, all deficiency courses and teacher education program eligibility requirements must be completed prior to unconditional admission to the teacher education program.

Minimum Requirements for the Alternative Class A MSE in Elementary Education K-6

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 501</td>
<td>Introduction to Graduate Teacher Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 510</td>
<td>Academic Research for the Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EED 533</td>
<td>Enhancing Learning through Children's Literature</td>
<td>3</td>
</tr>
<tr>
<td>EED 550</td>
<td>Diversity in Today's Classroom</td>
<td>3</td>
</tr>
<tr>
<td>RDG 520</td>
<td>Teaching Reading</td>
<td>3</td>
</tr>
<tr>
<td>RDG 521</td>
<td>Practicum in Teaching Reading</td>
<td>3</td>
</tr>
<tr>
<td>RDG 547</td>
<td>Diagnosing Reading Abilities</td>
<td>3</td>
</tr>
<tr>
<td>SPE 520</td>
<td>Technology for SPE</td>
<td>3</td>
</tr>
<tr>
<td>ED 595</td>
<td>Internship in Education (^1)</td>
<td>3</td>
</tr>
<tr>
<td>ED 596</td>
<td>Reflective Practices in Education</td>
<td>3</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EED 509</td>
<td>Advanced Twenty-First Century Teaching and Learning</td>
<td>3</td>
</tr>
<tr>
<td>EED 511</td>
<td>Mathematics for Children</td>
<td>3</td>
</tr>
<tr>
<td>EED 512</td>
<td>Science for Children</td>
<td>3</td>
</tr>
<tr>
<td>EED 513</td>
<td>Curriculum Integration in Teaching Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>EED 514</td>
<td>Practicum in Content Block</td>
<td>3</td>
</tr>
<tr>
<td>EED 522</td>
<td>Classroom Assessment for Learning</td>
<td>3</td>
</tr>
<tr>
<td>EED 530</td>
<td>Methods for Language and Literacy Development</td>
<td>3</td>
</tr>
<tr>
<td>RDG 546</td>
<td>Multicultural Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

Diversity Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education (^2)</td>
<td>3</td>
</tr>
<tr>
<td>or EED 548</td>
<td>Materials and Methods for the Multicultural Classroom</td>
<td>3</td>
</tr>
<tr>
<td>or RDG 530</td>
<td>Methods and Materials for Reading: Teaching Students with Exceptionalities in the Inclusive Setting</td>
<td>3</td>
</tr>
<tr>
<td>or SPE 532</td>
<td>Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours 57

57 Graduate Semester Hours Required for this Degree

\(^1\) Applicants with below a 2.75 GPA will have additional requirements that will be assessed at the Alternative Class A Transcript Evaluation.

\(^2\) ED 595 Internship in Education (3) is equivalent to undergraduate student teaching and requires a semester long internship in the public schools. This must be scheduled during the last semester of coursework.
SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must select EED 548 Materials and Methods for the Multicultural Classroom (3), RDG 530 Methods and Materials for Reading: Teaching Students with Exceptionalities in the Inclusive Setting (3), or SPE 532 Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom (3).

Undergraduate Requirements 1

0-48 hours of undergraduate coursework to include the following:

- 12 hours of Laboratory Science
- 12 hours of English/Language Arts
- 12 hours of Social/Behavioral Sciences
- 12 hours of Math

1 Or pass the appropriate Praxis Subject Assessment.

57-105 Total Undergraduate and Graduate Semester Hours Required for this Degree

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Elementary Education K-6.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Reading Specialist P-12 (Master of Science in Education)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MSE in Reading Specialist P-12

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor’s-level professional educator certificate in Early Childhood Education, Elementary Education, or Collaborative Special Education Teacher K-6. Or
   Valid Bachelor’s-level professional educator certificate in any area of education and a passing score on the Praxis Subject Assessment in Teaching Reading validated for use in Alabama. All certificate(s) must be valid throughout the program and at graduation.
5. Background check 1. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.  
6. Applicants must have completed two full years of full-time classroom teaching experience prior to unconditional admission to the program and will document their educational experience on the state-approved
Supplemental EXP Form (https://www.alsde.edu/sec/ec/Misc %20Docs/SUPPLEMENT%20EXP.pdf#search=Supplement%20EXP). Applicants should contact their superintendent’s office/central office for completion of this form.

7. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.

8. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

Admission Requirements for the MSE in Reading Specialist P-12

Applicants are admitted on a selective basis upon review of the completed application package.

Minimum Requirements for the MSE in Reading Specialist P-12

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Successful completion of the appropriate Reading Specialist Praxis Subject Assessment is required prior to Internship.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EED 509</td>
<td>Advanced Twenty-First Century Teaching and Learning</td>
<td>3</td>
</tr>
<tr>
<td>EED 550</td>
<td>Diversity in Today's Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EFD 500</td>
<td>Research in Education</td>
<td>3</td>
</tr>
<tr>
<td>RDG 546</td>
<td>Multicultural Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

Teaching Field Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>RDG 538</td>
<td>Teaching Reading in ECE</td>
<td>3</td>
</tr>
<tr>
<td>RDG 542</td>
<td>Strategic Reading Across the Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>RDG 546</td>
<td>Teaching Language Arts</td>
<td>3</td>
</tr>
<tr>
<td>RDG 567</td>
<td>Improvement of Reading in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>RDG 572</td>
<td>Assessment of Diagnosis in Reading</td>
<td>3</td>
</tr>
<tr>
<td>RDG 573</td>
<td>Intervention Strategies for Reading Instruction</td>
<td>3</td>
</tr>
<tr>
<td>RDG 574</td>
<td>Practicum for Teachers of Reading</td>
<td>3</td>
</tr>
<tr>
<td>RDG 575</td>
<td>Internship in the Organization and Supervision of Reading Programs</td>
<td>3</td>
</tr>
</tbody>
</table>

Diversity Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>or EED 548</td>
<td>Materials and Methods for the Multicultural Classroom</td>
<td>3</td>
</tr>
<tr>
<td>or RDG 530</td>
<td>Materials and Methods for Reading: Teaching Students with Exceptionalities in the Inclusive Setting</td>
<td>3</td>
</tr>
</tbody>
</table>

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Reading Specialist P-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL %20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Students certified in states other than Alabama who wish to apply for master's level certification in Alabama upon completion of the master’s degree must apply for Alabama certification on the undergraduate level prior to applying for the master’s level...
certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master's level certification is sought. Earning a master's degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Special Education Collaborative Teacher K-6/6-12 (Master of Science in Education)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
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<tr>
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<td>Spring Admission</td>
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<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MSE in Special Education Collaborative Teacher K-6-12

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor’s-level professional educator certificate in any teaching field. All certificate(s) must be valid throughout the program and at graduation.
5. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MSE in Special Education Collaborative Teacher K-6/6-12

Applicants are admitted on a selective basis upon review of the completed application package.

Minimum Requirements for the MSE in Special Education Collaborative Teacher K-6/6-12

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

<table>
<thead>
<tr>
<th>Course</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Core Requirements</td>
<td></td>
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<tr>
<td>EED 550</td>
<td>Diversity in Today’s Classroom</td>
<td>3</td>
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<td>EFD 500</td>
<td>Research in Education</td>
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<td>SPE 509</td>
<td>Data Analysis K-12</td>
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<td>SPE 520</td>
<td>Technology for SPE</td>
<td>3</td>
</tr>
<tr>
<td>SPE 570</td>
<td>Action Research in SPE</td>
<td>3</td>
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<td>Teaching Field Requirements</td>
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<td>RDG 530</td>
<td>Methods and Materials for Reading: Teaching Students with Exceptionalities in the Inclusive Setting</td>
<td>3</td>
</tr>
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<td>SPE 525</td>
<td>Collaborative Math Strategies</td>
<td>3</td>
</tr>
<tr>
<td>SPE 527</td>
<td>Methods and Materials Severe Disabilities K-12</td>
<td>3</td>
</tr>
<tr>
<td>SPE 528</td>
<td>Methods and Materials Mild Disabilities K-12</td>
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<td>SPE 533</td>
<td>Applied Behavior Analysis in SPE</td>
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<td>Practicum if Required 1</td>
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<td>SPE 566</td>
<td>Practicum in Collaborative Special Education K-6</td>
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<tr>
<td>SPE 567</td>
<td>Practicum in Collaborative Special Education 6-12</td>
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</tr>
<tr>
<td>Diversity Requirement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education 2</td>
<td>3</td>
</tr>
<tr>
<td>or EED 548</td>
<td>Materials and Methods for the Multicultural Classroom</td>
<td></td>
</tr>
<tr>
<td>or SPE 532</td>
<td>Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom</td>
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<tr>
<td>Additional Coursework 3</td>
<td>0-6</td>
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</tr>
<tr>
<td>SPE 524</td>
<td>Methods and Strategies for Learning and Behavior</td>
<td></td>
</tr>
<tr>
<td>SPE 554</td>
<td>Medical, Legal, and Ethical Aspects of SPE</td>
<td></td>
</tr>
</tbody>
</table>

Total Hours 33-45

33-45 Graduate Semester Hours Required for this Degree
1 The practicum is required if candidate is seeking initial certification in a special education field K-6 and/or 6-12. Placement will correspond to the areas of initial certification sought through this degree.

2 SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must select EED 548 Materials and Methods for the Multicultural Classroom (3) or SPE 532 Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom (3).

3 Candidates holding Class B Certification in any teaching field other than Special Education Collaborative Teacher or any area of special education except gifted - talented must take two additional courses in Special Education Collaborative Foundations prior to any other courses in the program.

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Special Education Collaborative Teacher K-6/6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Students who hold a current certificate in a field other than Special Education Collaborative Teacher must pass the appropriate Praxis Subject Assessment prior to certification application for the Class A certificate in Special Education Collaborative Teacher.

2. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

3. Students certified in states other than Alabama who wish to apply for master’s level certification in Alabama upon completion of the master’s degree must apply for Alabama certification on the undergraduate level prior to applying for the master’s level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master’s level certification is sought. Earning a master’s degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

4. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Special Education Collaborative Teacher K-6/6-12 Alternative Class A (Master of Science in Education)

The School of Education offers Alternative Class A Programs for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master’s degree and recommendation for Master’s-level Alabama Class A professional educator certification.

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
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<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the respective graduate program chair.

Application Materials Required for the Alternative Class A MSE in Special Education Collaborative Teacher K-6/6-12

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)

Applicants must hold a 2.00 GPA¹ on the most recent undergraduate degree or a 3.00 GPA on the most recent master’s degree. This GPA

1. GPA for admission purposes is calculated on the most recent undergraduate degree (students who have previously attended JSU do not need to request a transcript from the university). GPA's calculated using the most recent bachelor’s or master’s degree are subject to the approval of the Graduate Admissions Committee.

2. Class B Certification in any teaching field other than Special Education Collaborative Teacher or any area of special education except gifted - talented must take two additional courses in Special Education Collaborative Foundations prior to any other courses in the program.
must be documented on the official transcript of the degree-granting regionally accredited institution and must be the GPA that was used as the basis for granting the degree.

4. If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency:
   • Center for Applied Research, Evaluation and Education, Inc.
   • Educational Credential Evaluators, Inc.
   • International Consultants of Delaware
   • International Education Evaluations, Inc.
   • International Education Research Foundation, Inc.
   • Josef Silny and Associates, Inc.
   • World Education Services
   • Please see the ALSDE website (https://www.alsde.edu/sec/ec/Pages/foreigncredentials-all.aspx?navtext=Other%20Approaches%3a%20Foreign%20CredentialsWorld%20Education%20Services/) for full details.

5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

6. Alternative Class A Transcript Evaluation. Once transcripts have been received, applicants must contact Teacher Education Services (http://www.jsu.edu/education/tes/) at (256) 782-5574 for an individual evaluation concerning undergraduate course deficiencies and teacher education program eligibility requirements prior to registration for coursework.

   Applicants with below a 2.75 GPA will have additional requirements that will be assessed at the Alternative Class A Transcript Evaluation.

Admission Requirements for the Alternative Class A MSE in Special Education Collaborative Teacher K-12/6-12

Applicants are admitted on a selective basis upon review of the completed application package.

Admission to graduate studies is not equivalent to unconditional admission to an approved teacher education program.

If applicable, all deficiency courses and teacher education program eligibility requirements must be completed prior to unconditional admission to the teacher education program.

Minimum Requirements for the Alternative Class A MSE in Special Education Collaborative Teacher K-6/6-12

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>ED 501</td>
<td>Introduction to Graduate Teacher Education</td>
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<tr>
<td>ED 510</td>
<td>Academic Research for the Teacher</td>
<td>3</td>
</tr>
<tr>
<td>EED 550</td>
<td>Diversity in Today’s Classroom</td>
<td>3</td>
</tr>
<tr>
<td>RDG 543</td>
<td>Teaching Struggling Readers: Methods for Collaborative Education</td>
<td>3</td>
</tr>
<tr>
<td>SPE 524</td>
<td>Methods and Strategies for Learning and Behavior</td>
<td>3</td>
</tr>
<tr>
<td>SPE 526</td>
<td>Methods of Autism Spectrum Disorder</td>
<td>3</td>
</tr>
<tr>
<td>SPE 554</td>
<td>Medical, Legal, and Ethical Aspects of SPE</td>
<td>3</td>
</tr>
<tr>
<td>ED 595</td>
<td>Internship in Education</td>
<td>1</td>
</tr>
<tr>
<td>ED 596</td>
<td>Reflective Practices in Education</td>
<td>3</td>
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</table>

Teaching Field Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SPE 520</td>
<td>Technology for SPE</td>
<td>3</td>
</tr>
<tr>
<td>SPE 533</td>
<td>Applied Behavior Analysis in SPE</td>
<td>3</td>
</tr>
<tr>
<td>SPE 535</td>
<td>Formative and Summative Assessment</td>
<td>3</td>
</tr>
<tr>
<td>SPE 536</td>
<td>Methods for Severe Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>SPE 537</td>
<td>Collaborative Teaching</td>
<td>3</td>
</tr>
<tr>
<td>SPE 555</td>
<td>Mathematics Strategies for Collaborative Special Education</td>
<td>3</td>
</tr>
<tr>
<td>SPE 564</td>
<td>Practicum in Mild Methods K-12</td>
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</tr>
<tr>
<td>SPE 565</td>
<td>Practicum in Severe Methods K-12</td>
<td>3</td>
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</table>

Diversity Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>or EED 548</td>
<td>Materials and Methods for the Multicultural Classroom</td>
<td></td>
</tr>
<tr>
<td>or RDG 530</td>
<td>Methods and Materials for Reading: Teaching Students with Exceptionalities in the Inclusive Setting</td>
<td></td>
</tr>
<tr>
<td>or SPE 532</td>
<td>Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom</td>
<td></td>
</tr>
</tbody>
</table>

Total Hours 54

54 Graduate Semester Hours Required for this Degree

1. ED 595 Internship in Education (3) is equivalent to undergraduate student teaching and requires a semester long internship in the public schools. This must be scheduled during the last semester of coursework.

2. SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must select EED 548 Materials and Methods for the Multicultural Classroom (3), RDG 530 Methods and Materials for Reading: Teaching Students with Exceptionalities in the Inclusive Setting (3), SPE 532 Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom (3).

Undergraduate Requirements

0-48 hours of undergraduate coursework to include the following:

- 12 hours of Laboratory Science
- 12 hours of English/Language Arts
- 12 hours of Social/Behavioral Sciences
- 12 hours of Math
or pass the appropriate Praxis Subject Assessment.

54-102 Total Undergraduate and Graduate Semester Hours Required for this Degree

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master's-level professional educator certification in Special Education Collaborative Teacher K-6/6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Department of Family and Consumer Sciences

Department Head: Dr. Debra Goodwin, dgoodwin@jsu.edu

The Department of Family and Consumer Sciences offers a diverse, challenging, and rewarding field of study to help individuals improve personally, to make informed consumer decisions, to enhance the quality of life for families and consumers, and to prepare for exciting professional careers.

• Secondary Education - Business Marketing Education 6-12 (Master of Science in Education) (p. 86)
• Secondary Education - Business Marketing Education 6-12 Alternative Class A (Master of Science in Education) (p. 88)
• Secondary Education - Family and Consumer Sciences 6-12 (Master of Science in Education) (p. 89)
• Secondary Education - Family and Consumer Sciences 6-12 Alternative Class A (Master of Science in Education) (p. 91)

Professor

Goodwin, Debra (p. 166)

Assistant Professor

Frazier, Jeannie (p. 166)

Secondary Education - Business Marketing Education 6-12 (Master of Science in Education)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

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<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MSE in Secondary Education: Business Marketing Education 6-12

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor's-level professional educator certificate in Business Marketing Education. All certificate(s) must be valid throughout the program and at graduation.
5. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.

6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.

7. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

1 If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

Admission Requirements for the MSE in Secondary Education: Business Marketing Education 6-12

Applicants are admitted on a selective basis upon review of the completed application package.

With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

Minimum Requirements for the MSE in Secondary Education: Business Marketing Education 6-12

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Requirements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 500</td>
<td>Introduction to Graduate Education and Technology (Discipline specific section required first semester of enrollment)</td>
<td>1</td>
</tr>
<tr>
<td>CTE 500</td>
<td>History and Philosophy of Career Technical Education</td>
<td>3</td>
</tr>
<tr>
<td>CTE 560</td>
<td>Advanced Methods for Teaching Career Technical Education</td>
<td>3</td>
</tr>
<tr>
<td>EFD 560</td>
<td>Psychological Principles of Learning</td>
<td>3</td>
</tr>
<tr>
<td>ESE 500</td>
<td>Research and Statistics in Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 502</td>
<td>Curriculum Development in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

Teaching Field Requirements
Select twelve graduate semester hours

Diversity Requirement
SPE 500 | Survey Course in Special Education

34 Graduate Semester Hours Required for this Degree

1 By faculty advisement, select 12 graduate semester hours from courses in the School of Business & Industry and/or Career & Technical Education (CTE). All 12 teaching field hours for this degree shall be 500-level. A student may transfer no more than three semester hours in the teaching field.

2 SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must choose EFD 552 Diversity Issues in Education (3) to satisfy the diversity program requirement.

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master's-level professional educator certification in Business Marketing Education 6-12

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/).

2. Students certified in states other than Alabama who wish to apply for master’s level certification in Alabama upon completion of the master’s degree must apply for Alabama certification on
Secondary Education - Business Marketing Education 6-12 Alternative Class A (Master of Science in Education)

The School of Education offers Alternative Class A Programs for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master's degree and recommendation for Master's-level Alabama Class A professional educator certification.

Application Deadlines

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<td>April 1</td>
<td>Summer Admission</td>
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</table>

Any exceptions to these deadlines must be granted by the respective graduate program chair.

Application Materials Required for the Alternative Class A MSE in Secondary Education: Business Marketing Education 6-12

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency.
   - Center for Applied Research, Evaluation and Education, Inc.
   - Educational Credential Evaluators, Inc.
   - International Consultants of Delaware
   - International Education Evaluations, Inc.
   - International Education Research Foundation, Inc.
   - Josef Silny and Associates, Inc.
   - World Education Services
   - Please see the ALSDE website (https://www.alsde.edu/sec/ec/Pages/foreigncredentials-all.aspx?navtext=Other%20Approaches%3a%20Foreign%20CredentialsWorld%20Education%20Services/) for full details.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
6. Alternative Class A Transcript Evaluation. Once transcripts have been received, applicants must contact Teacher Education Services (http://www.jsu.edu/education/tes/) at (256) 782-5574 for an individual evaluation concerning undergraduate course deficiencies and teacher education program eligibility requirements prior to registration for coursework.

Admission Requirements for the Alternative Class A MSE in Secondary Education: Business Marketing Education 6-12

Admission to graduate studies is not equivalent to unconditional admission to an approved teacher education program.

Minimum Requirements for the Alternative Class A MSE in Secondary Education: Business Marketing Education 6-12

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

<table>
<thead>
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<tbody>
<tr>
<td>ED 501</td>
<td>Introduction to Graduate Teacher Education</td>
<td>3</td>
</tr>
</tbody>
</table>
### Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Business Marketing Education 6-12.

**Please Note:** Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

### Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/).

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

### Undergraduate Requirements

Undergraduate deficiency courses other than those listed below may be required. Consult your advisor.

Students must have earned an undergraduate degree in Business, Business Administration, Marketing, Management, Accounting, Finance, or Economics or complete 32 semester hours of approved undergraduate coursework in business marketing courses with a minimum of 19 semester hours at the 300-400 level or earn a passing score on the Praxis Subject Assessment Business Education exam.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTE 500</td>
<td>History and Philosophy of Career Technical Education</td>
<td>3</td>
</tr>
<tr>
<td>CTE 506</td>
<td>Practicum in CTE</td>
<td>3</td>
</tr>
<tr>
<td>CTE 516</td>
<td>Methods of Teaching for CTE</td>
<td>3</td>
</tr>
<tr>
<td>CTE 544</td>
<td>Assessment of Learning for Career and Technical Education</td>
<td>3</td>
</tr>
<tr>
<td>CTE 550</td>
<td>Basic Competencies for Career and Technical Education</td>
<td>3</td>
</tr>
<tr>
<td>CTE 560</td>
<td>Advanced Methods for Teaching Career Technical Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 500</td>
<td>Research and Statistics in Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 502</td>
<td>Curriculum Development in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>ESE 505</td>
<td>Education Methods, Assessment, and Technology in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>ESE 561</td>
<td>Foundations of Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ED 595</td>
<td>Internship in Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 596</td>
<td>Reflective Practices in Education</td>
<td>3</td>
</tr>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>or EFD 552</td>
<td>Diversity Issues in Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours: 60

**60 Graduate Semester Hours Required for this Degree**

1. Equivalent to undergraduate student teaching and requires a semester long internship in the public schools. This must be scheduled during the last semester of coursework.

2. By faculty advisement, select 15 graduate semester hours in the School of Business & Industry and/or Career & Technical Education (CTE). All 15 teaching field hours for this degree shall be 500-level. A student may transfer no more than three semester hours in the teaching field.

3. SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must select EFD 552 Diversity Issues in Education (3) to satisfy this diversity program requirement.

### Secondary Education - Family and Consumer Sciences 6-12 (Master of Science in Education)

**Application Deadlines**

Deadline dates for applications and receipt of all required application materials are:
Admission Requirements for the MSE in Secondary Education: Family and Consumer Sciences 6-12

Applicants are admitted on a selective basis upon review of the completed application package.

With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

Minimum Requirements for the MSE in Secondary Education: Family and Consumer Sciences 6-12

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Course | Title | Credits
--- | --- | ---
ED 500 | Introduction to Graduate Education and Technology (Discipline specific section required first semester of enrollment) | 1
CTE 560 | Advanced Methods for Teaching Career Technical Education | 3
EFD 560 | Psychological Principles of Learning | 3
ESE 500 | Research and Statistics in Secondary Education | 3
ESE 502 | Curriculum Development in Secondary Schools | 3
ESE 561 | Foundations of Secondary Education | 3
ESE 567 | Literacy Theory and Practice | 3

Teaching Field Requirements

Select twelve graduate semester hours

Diversity Requirement

1. By faculty advisement, select 12 graduate semester hours in Family & Consumer Sciences (FCS) and/or Career & Technical education (CTE). All 12 teaching field hours for this degree shall be 500-level. A student may transfer no more than three semester hours in the teaching field.

2. SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate or graduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must choose EFD 552 Diversity Issues in Education (3) to satisfy the diversity program requirement.

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification Family and Consumer Science 6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently,
modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

**Alabama Class A Professional Educator Certification Requirements**

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/Alabama%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Students certified in states other than Alabama who wish to apply for master’s level certification in Alabama upon completion of the master’s degree must apply for Alabama certification on the undergraduate level prior to applying for the master’s level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master’s level certification is sought. Earning a master’s degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

**Secondary Education - Family and Consumer Sciences 6-12 Alternative Class A (Master of Science in Education)**

The School of Education offers Alternative Class A Programs for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master’s degree and recommendation for Master’s-level Alabama Class A professional educator certification.

**Application Deadlines**

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the respective graduate program chair.

**Application Materials Required for the Alternative Class A MSE in Secondary Education: Family and Consumer Science 6-12**

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

- **Graduate Admissions**
  - Jacksonville State University
  - 700 Pelham Road North
  - Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.) Applicants must hold a 2.00 GPA on the most recent undergraduate degree or a 3.00 GPA on the most recent master’s degree. This GPA must be documented on the official transcript of the degree-granting institution and must be the GPA that was used as the basis for granting the degree.
4. If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency.
   - Center for Applied Research, Evaluation and Education, Inc.
   - Educational Credential Evaluators, Inc.
   - International Consultants of Delaware
   - International Education Evaluations, Inc.
   - International Education Research Foundation, Inc.
   - Josef Silny and Associates, Inc.
   - World Education Services
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
6. Alternative Class A Transcript Evaluation. Once transcripts have been received, applicants must contact Teacher Education Services (http://www.jsu.edu/education/tes/) at (256) 782-5574 for an individual evaluation concerning undergraduate course deficiencies and teacher education program eligibility requirements prior to registration for coursework.
Admission Requirements for the Alternative Class A MSE in Secondary Education: Family and Consumer Sciences 6-12

Applicants are admitted on a selective basis upon review of the completed application package.

Admission to graduate studies is not equivalent to unconditional admission to an approved teacher education program.

If applicable, all deficiency courses and teacher education program eligibility requirements must be completed prior to unconditional admission to the teacher education program.

Minimum Requirements for the Alternative Class A MSE in Secondary Education: Family and Consumer Sciences 6-12

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

Applicants with below a 2.75 GPA will have additional requirements that will be assessed at the Alternative Class A Transcript Evaluation.

ED 595 Internship in Education (3) is equivalent to undergraduate student teaching and requires a semester long internship in the public schools. This must be scheduled during the last semester of coursework.

By faculty advisement, select 15 graduate semester hours in Family & Consumer Sciences (FCS) and/or Career & Technical Education (CTE). All 15 teaching field hours for this degree shall be 500-level. A student may transfer no more than three semester hours in the teaching field.

SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must select EFD 552 Diversity Issues in Education (3) to satisfy this diversity program requirement.

Undergraduate Requirements

Undergraduate deficiency courses other than those listed below may be required. Consult your advisor.

Students must have earned an undergraduate degree in family and consumer sciences or complete 32 semester hours of approved undergraduate coursework in family and consumer sciences with a minimum of 19 semester hours at the 300-400 levels or earn passing scores on the appropriate Praxis Subject Assessment Family and Consumer Sciences exam.

54-86 Total Undergraduate and Graduate Semester Hours Required for this Degree

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Family and Consumer Sciences 6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 501</td>
<td>Introduction to Graduate Teacher Education</td>
<td>3</td>
</tr>
<tr>
<td>CTE 506</td>
<td>Practicum in CTE</td>
<td>3</td>
</tr>
<tr>
<td>CTE 516</td>
<td>Methods of Teaching for CTE</td>
<td>3</td>
</tr>
<tr>
<td>CTE 544</td>
<td>Assessment of Learning for Career and Technical Education</td>
<td>3</td>
</tr>
<tr>
<td>CTE 550</td>
<td>Basic Competencies for Career and Technical Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 500</td>
<td>Research and Statistics in Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 502</td>
<td>Curriculum Development in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>ESE 505</td>
<td>Education Methods, Assessment, and Technology in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>ESE 561</td>
<td>Foundations of Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ED 595</td>
<td>Internship in Education ¹</td>
<td>3</td>
</tr>
<tr>
<td>ED 596</td>
<td>Reflective Practices in Education</td>
<td>3</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Diversity Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE 500</td>
</tr>
<tr>
<td>or EFD 552</td>
</tr>
</tbody>
</table>

| Total Hours           | 54       |

¹ ED 595 Internship in Education (3) is equivalent to undergraduate student teaching and requires a semester long internship in the public schools. This must be scheduled during the last semester of coursework.

² By faculty advisement, select 15 graduate semester hours in Family & Consumer Sciences (FCS) and/or Career & Technical Education (CTE). All 15 teaching field hours for this degree shall be 500-level. A student may transfer no more than three semester hours in the teaching field.

³ SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must select EFD 552 Diversity Issues in Education (3) to satisfy this diversity program requirement.
1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL\%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/).

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Department of Secondary Education

Department Head: Dr. Emily Sims, esims@jsu.edu

The mission of the Department of Secondary Education is to prepare professional educators to be knowledgeable, ethical, caring, creative decision makers and learners in a diverse society through degree programs grounded in educational research, theory, and best practices, including pedagogy rich with content knowledge, integrated technologies, innovative practices, and opportunities for reflection.

- Secondary Education - Biology 6-12 (Master of Science in Education) (p. 93)
- Secondary Education - Biology 6-12 Alternative Class A (Master of Science in Education) (p. 94)
- Secondary Education - English Language Arts 6-12 (Master of Science in Education) (p. 96)
- Secondary Education - English Language Arts 6-12 Alternative Class A (Master of Science in Education) (p. 98)
- Secondary Education - General Science 6-12 (Master of Science in Education) (p. 99)
- Secondary Education - General Science 6-12 Alternative Class A (Master of Science in Education) (p. 101)
- Secondary Education - General Social Studies 6-12 (Master of Science in Education) (p. 103)
- Secondary Education - General Social Studies 6-12 Alternative Class A (Master of Science in Education) (p. 104)
- Secondary Education - History 6-12 (Master of Science in Education) (p. 106)
- Secondary Education - History 6-12 Alternative Class A (Master of Science in Education) (p. 107)
- Secondary Education - Mathematics 6-12 (Master of Science in Education) (p. 109)
- Secondary Education - Mathematics 6-12 Alternative Class A (Master of Science in Education) (p. 110)

Professor

Akpan, Joseph (p. 164)

Associate Professor

Mitchell, Linda (p. 170)

Assistant Professor

Hammack, Russell (p. 167)

Sims, Emily (p. 171)

Secondary Education - Biology 6-12 (Master of Science in Education)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MSE in Secondary Education: Biology 6-12

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor’s-level professional educator certificate in Biology. All certificate(s) must be valid throughout the program and at graduation.
5. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
Admission Requirements for the MSE in Secondary Education: Biology 6-12

Applicants are admitted on a selective basis upon review of the completed application package.

With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

Minimum Requirements for the MSE in Secondary Education: Biology 6-12

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 500</td>
<td>1</td>
</tr>
<tr>
<td>ESE 500</td>
<td>3</td>
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<tr>
<td>ESE 502</td>
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<tr>
<td>EFD 560</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>3</td>
</tr>
<tr>
<td>ESE 573</td>
<td>3</td>
</tr>
<tr>
<td>EAD 564</td>
<td>3</td>
</tr>
</tbody>
</table>

Teaching Field Requirements

Select twelve graduate semester hours in biology

1. By faculty advisement, select 12 graduate semester hours in biology. At least six of the 12 semester hours selected must be numbered at the 500 level, and no more than three hours in the teaching field may be transferred to JSU.

2. SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must choose EFD 552 Diversity Issues in Education (3) to satisfy the diversity program requirement.

34 Graduate Semester Hours Required for this Degree

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation by the given deadline of the semester (http://www.jsu.edu.registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Biology 6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible for application for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/Alabama-Class-A.txt) on the Teacher Education Services (http://www.jsu.edu/education/tes/)

2. Students certified in states other than Alabama who wish to apply for master’s level certification in Alabama upon completion of the master’s degree must apply for Alabama certification on the undergraduate level prior to applying for the master’s level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master’s level certification is sought. Earning a master’s degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Secondary Education - Biology 6-12 Alternative Class A (Master of Science in Education)

The School of Education offers Alternative Class A Programs for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master’s degree and recommendation for Master’s-level Alabama Class A professional educator certification.
Application Deadlines
Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
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</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the respective graduate program chair.

Application Materials Required for the Alternative Class A MSE in Secondary Education: Biology 6-12
Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
   Applicants must hold a 2.00 GPA\(^1\) on the most recent undergraduate degree or a 3.00 GPA on the most recent master’s degree. This GPA must be documented on the official transcript of the degree-granting regionally accredited institution and must be the GPA that was used as the basis for granting the degree.
4. If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency:
   - Center for Applied Research, Evaluation and Education, Inc.
   - Educational Credential Evaluators, Inc.
   - International Consultants of Delaware
   - International Education Evaluations, Inc.
   - International Education Research Foundation, Inc.
   - Josef Silny and Associates, Inc.
   - World Education Services
   - Please see the ALSDE website (https://www.alsde.edu/sec/ec/Pages/foreigncredentials-all.aspx?navtext=Other%20Approaches%3a%20Foreign%20CredentialsWorld%20Education%20Services/) for full details.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
6. Alternative Class A Transcript Evaluation. Once transcripts have been received, applicants must contact Teacher Education Services (http://www.jsu.edu/education/tes/) at (256) 782-5574 for an individual evaluation concerning undergraduate course deficiencies and teacher education program eligibility requirements prior to registration for coursework.

\(^1\) Applicants with below a 2.75 GPA will have additional requirements that will be assessed at the Alternative Class A Transcript Evaluation.

Admission Requirements for the Alternative Class A MSE in Secondary Education: Biology 6-12
Applicants are admitted on a selective basis upon review of the completed application package.

Admission to graduate studies is not equivalent to unconditional admission to an approved teacher education program.

If applicable, all deficiency courses and teacher education program eligibility requirements must be completed prior to unconditional admission to the teacher education program.

Minimum Requirements for the Alternative Class A MSE in Secondary Education: Biology 6-12
An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 501</td>
<td>Introduction to Graduate Teacher Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 500</td>
<td>Research and Statistics in Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 505</td>
<td>Education Methods, Assessment, and Technology in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>ESE 510</td>
<td>Secondary Practicum One</td>
<td>2</td>
</tr>
<tr>
<td>ESE 523</td>
<td>Teaching General Science</td>
<td>3</td>
</tr>
<tr>
<td>ESE 534</td>
<td>Secondary Practicum Two</td>
<td>3</td>
</tr>
<tr>
<td>ESE 561</td>
<td>Foundations of Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ESE 573</td>
<td>Critical Inquiry in Biology and General Science</td>
<td>3</td>
</tr>
<tr>
<td>ED 595</td>
<td>Internship in Education(^1)</td>
<td>3</td>
</tr>
<tr>
<td>ED 596</td>
<td>Reflective Practices in Education</td>
<td>3</td>
</tr>
</tbody>
</table>

**Teaching Field Requirement**
Select 15 graduate semester hours in biology or marine biology\(^2\)  15

**Diversity Requirements**

| SPE 500 | Survey Course in Special Education\(^3\) | 3     |
| or EFD 552 | Diversity Issues in Education | 3     |

**Total Hours**  50

\(^1\) ED 595 Internship in Education (3) is equivalent to undergraduate student teaching and requires a semester long internship in the public schools. This must be scheduled during the last semester of coursework.

\(^2\) An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

\(^3\) Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.
By faculty advisement, select 15 graduate semester hours in biology or marine biology. At least half of the 15 semester hours selected must be numbered at the 500 level. A student may transfer no more than three semester hours in the teaching field.

SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must select EFD 552 Diversity Issues in Education (3) to satisfy this diversity program requirement.

Undergraduate Requirements

Students must have earned an undergraduate degree in biology or complete 32 semester hours of undergraduate coursework in biology with a minimum of 19 semester hours at the 300-400 levels or pass the appropriate Praxis Subject Assessment content exam.

Students must have the approval of their advisors in the School of Education before registering for undergraduate coursework required to meet the undergraduate requirements/deficiencies specified for the degree.

50-82 Total Undergraduate and Graduate Semester Hours Required for this Degree

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Biology 6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Application Materials Required for the MSE in Secondary Education: English Language Arts 6-12

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor’s-level professional educator certificate in English Language Arts. All certificate(s) must be valid throughout the program and at graduation.
5. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted...
Introduction to Graduate Education and
Law and Politics of Education
Curriculum Development in Secondary Schools
Survey Course in Special Education

If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

Admission Requirements for the MSE in Secondary Education: English Language Arts 6-12

Applicants are admitted on a selective basis upon review of the completed application package.

With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

Minimum Requirements for the MSE in Secondary Education: English Language Arts 6-12

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 500</td>
<td>Introduction to Graduate Education and Technology (Discipline specific section required first semester of enrollment)</td>
<td>1</td>
</tr>
<tr>
<td>ESE 500</td>
<td>Research and Statistics in Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 502</td>
<td>Curriculum Development in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>EFD 560</td>
<td>Psychological Principles of Learning</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ESE 572</td>
<td>Critical Inquiry in English Language Arts</td>
<td>3</td>
</tr>
<tr>
<td>EAD 564</td>
<td>Law and Politics of Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Teaching Field Requirement
Select twelve graduate semester hours in English Language Arts 1 12

Diversity Requirement
SPE 500 Survey Course in Special Education 2 3
EFD 552 Diversity Issues in Education 3

Total Hours 34

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master's-level professional educator certification in English Language Arts 6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students' programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/).

2. Students certified in states other than Alabama who wish to apply for master's level certification in Alabama upon completion of the master's degree must apply for Alabama certification on the undergraduate level prior to applying for the master's level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master's level certification is sought. Earning a master's degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

1 By faculty advisement, select 12 graduate semester hours in English Language Arts to include at least one course from two of the following areas: speech, drama, or communication. At least six of the 12 semester hours selected must be numbered at the 500 level, and no more than three hours in the teaching field may be transferred to JSU.

2 SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate or graduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must choose EFD 552 Diversity Issues in Education (3) to satisfy the diversity program requirement.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.
Secondary Education - English Language Arts 6-12 Alternative Class A (Master of Science in Education)

The School of Education offers Alternative Class A Programs for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master's degree and recommendation for Master's-level Alabama Class A professional educator certification.

Application Deadlines
Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
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<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the respective graduate program chair.

Application Materials Required for the Alternative Class A MSE in Secondary Education: English Language Arts 6-12

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.) Applicants must hold a 2.00 GPA on the most recent undergraduate degree or a 3.00 GPA on the most recent master’s degree. This GPA must be documented on the official transcript of the degree-granting regionally accredited institution and must be the GPA that was used as the basis for granting the degree.
4. If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency:
   - Center for Applied Research, Evaluation and Education, Inc.
   - Educational Credential Evaluators, Inc.
   - International Consultants of Delaware
   - International Education Evaluations, Inc.
   - International Education Research Foundation, Inc.
   - Josef Silny and Associates, Inc.
   - World Education Services
   - Please see the ALSDE website (https://www.alsde.edu/sec/ec/Pages/foreigncredentials-all.aspx?navtext=Other%20Approaches for full details.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
6. Alternative Class A Transcript Evaluation. Once transcripts have been received, applicants must contact Teacher Education Services (http://www.jsu.edu/education/tes/) at (256) 782-5574 for an individual evaluation concerning undergraduate course deficiencies and teacher education program eligibility requirements prior to registration for coursework.

1 Applicants with below a 2.75 GPA will have additional requirements that will be assessed at the Alternative Class A Transcript Evaluation.

Admission Requirements for the Alternative Class A MSE in Secondary Education: English Language Arts 6-12

Applicants are admitted on a selective basis upon review of the completed application package.

Admission to graduate studies is not equivalent to unconditional admission to an approved teacher education program.

If applicable, all deficiency courses and teacher education program eligibility requirements must be completed prior to unconditional admission to the teacher education program.

Minimum Requirements for the Alternative Class A MSE in Secondary Education: English Language Arts 6-12

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

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<td>Research and Statistics in Secondary Education</td>
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</tr>
<tr>
<td>ESE 505</td>
<td>Education Methods, Assessment, and Technology in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>ESE 510</td>
<td>Secondary Practicum One</td>
<td>2</td>
</tr>
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<td>ESE 522</td>
<td>Teaching Language Arts</td>
<td>3</td>
</tr>
<tr>
<td>ESE 534</td>
<td>Secondary Practicum Two</td>
<td>3</td>
</tr>
<tr>
<td>ESE 561</td>
<td>Foundations of Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ESE 572</td>
<td>Critical Inquiry in English Language Arts</td>
<td>3</td>
</tr>
<tr>
<td>ED 595</td>
<td>Internship in Education 1</td>
<td>3</td>
</tr>
<tr>
<td>ED 596</td>
<td>Reflective Practices in Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Teaching Field Requirement
Select fifteen graduate semester hours from the English Language Arts area 2

2 The School of Education offers a wide range of graduate courses in the English Language Arts area.
Diversity Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>or EFD 552</td>
<td>Diversity Issues in Education</td>
<td></td>
</tr>
</tbody>
</table>

Total Hours: 50

50 Graduate Semester Hours Required for this Degree

1. ED 595 Internship in Education (3) is equivalent to undergraduate student teaching and requires a semester long internship in the public schools. This must be scheduled during the last semester of coursework.

2. By faculty advisement, select 15 graduate semester hours from the English Language Arts area to include at least one course from two of the following areas: English, speech, drama, and communication. At least half of the 15 semester hours selected must be numbered at the 500 level. A student may transfer no more than three semester hours in the teaching field.

3. SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must select EFD 552 Diversity Issues in Education (3) to satisfy this diversity program requirement.

Undergraduate Requirements

Students must have earned an undergraduate degree in one of the following areas: English, drama, speech, or communications or complete 32 semester hours of undergraduate coursework with a minimum of 19 hours at the 300-400 levels with any combination of courses from areas covered by the certification or pass the appropriate Praxis Subject Assessment content exam.

For the degree in the composite field of English Language Arts, additional undergraduate coursework must be taken to remove undergraduate course deficiencies in related teaching fields. Deficiencies are determined with a formal evaluation of the students’ transcripts.

Students must have the approval of their advisors in the School of Education before registering for undergraduate coursework required to satisfy the undergraduate requirements/deficiencies specified for the composite degree.

50-82 Total Undergraduate and Graduate Semester Hours Required for this Degree

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in English Language Arts 6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Secondary Education - General Science 6-12 (Master of Science in Education)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
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<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MSE in Secondary Education: General Science 6-12

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor’s-level professional educator certificate in General Science. All certificate(s) must be valid throughout the program and at graduation.
5. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. International student applicants must see the International Student Recruiter (https://recruiter.jsu.edu/Apply/Account/Login/).

Applicants are admitted on a selective basis upon review of the completed application package.

With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

Minimum Requirements for the MSE in Secondary Education: General Science 6-12

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
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<td>Introduction to Graduate Education and Technology (Discipline specific section required first semester of enrollment)</td>
<td>1</td>
</tr>
<tr>
<td>ESE 500</td>
<td>Research and Statistics in Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 502</td>
<td>Curriculum Development in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>EFD 560</td>
<td>Psychological Principles of Learning</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in General Science 6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of
coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/).

2. Students certified in states other than Alabama who wish to apply for master’s level certification in Alabama upon completion of the master’s degree must apply for Alabama certification on the undergraduate level prior to applying for the master’s level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master’s level certification is sought. Earning a master’s degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Secondary Education - General Science 6-12 Alternative Class A (Master of Science in Education)

The School of Education offers Alternative Class A Programs for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master’s degree and recommendation for Master’s-level Alabama Class A professional educator certification.

Application Deadlines
Deadline dates for applications and receipt of all required application materials are:

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</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
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</tbody>
</table>

Any exceptions to these deadlines must be granted by the respective graduate program chair.

Application Materials Required for the Alternative Class A MSE in Secondary Education: General Science 6-12

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

- Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
- Non-refundable $35.00 application processing fee.
- Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.) Applicants must hold a 2.00 GPA on the most recent undergraduate degree or a 3.00 GPA on the most recent master’s degree. This GPA must be documented on the official transcript of the degree-granting regionally accredited institution and must be the GPA that was used as the basis for granting the degree.
- If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency: • Center for Applied Research, Evaluation and Education, Inc. • Educational Credential Evaluators, Inc. • International Consultants of Delaware • International Education Evaluations, Inc. • International Education Research Foundation, Inc. • Josef Silny and Associates, Inc. • World Education Services
- Please see the ALSDE website (https://www.alsde.edu/sec/ec/Pages/foreigncredentials-all.aspx?navtext=Other%20Approaches%3a%20Foreign%20CredentialsWorld%20Education%20Services/) for full details. 1

International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the Alternative Class A MSE in Secondary Education: General Science 6-12

Applicants are admitted on a selective basis upon review of the completed application package.

Admission to graduate studies is not equivalent to unconditional admission to an approved teacher education program.

If applicable, all deficiency courses and teacher education program eligibility requirements must be completed prior to unconditional admission to the teacher education program.

Minimum Requirements for the Alternative Class A MSE in Secondary Education: General Science 6-12

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.
Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

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<tr>
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<th>Title</th>
<th>Credits</th>
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<tbody>
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<td><strong>Core Requirements</strong></td>
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<td></td>
</tr>
<tr>
<td>ED 501</td>
<td>Introduction to Graduate Teacher Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 500</td>
<td>Research and Statistics in Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 505</td>
<td>Education Methods, Assessment, and Technology in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>ESE 510</td>
<td>Secondary Practicum One</td>
<td>2</td>
</tr>
<tr>
<td>ESE 523</td>
<td>Teaching General Science</td>
<td>3</td>
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<tr>
<td>ESE 534</td>
<td>Secondary Practicum Two</td>
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</tr>
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<td>ESE 561</td>
<td>Foundations of Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 573</td>
<td>Critical Inquiry in Biology and General Science</td>
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</tr>
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<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
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</tr>
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<td>Internship in Education</td>
<td>3</td>
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<td>ED 596</td>
<td>Reflective Practices in Education</td>
<td>3</td>
</tr>
<tr>
<td><strong>Teaching Field Requirement</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select fifteen graduate semester hours from the general science area</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td><strong>Diversity Requirement</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>or EFD 552</td>
<td>Diversity Issues in Education</td>
<td></td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td>50</td>
</tr>
</tbody>
</table>

**50 Graduate Semester Hours Required for this Degree**

1. ED 595 Internship in Education (3) is equivalent to undergraduate student teaching and requires a semester long internship in the public schools. This must be scheduled during the last semester of coursework.

2. By faculty advisement, select 15 graduate semester hours from the general science area to include at least one course from two of the following areas: biology, chemistry, Earth and space science, and physics. For Earth and space science courses, see course descriptions in the geography section of this catalog. At least half of the 15 semester hours selected must be numbered at the 500 level. A student may transfer no more than three semester hours in the teaching field.

3. SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must select EFD 552 Diversity Issues in Education (3) to satisfy this diversity program requirement.

**Undergraduate Requirements**

Students must have an undergraduate degree in biology, chemistry, physics, or Earth and space science or complete 32 semester hours of undergraduate coursework with a minimum of 19 semester hours at the 300-400 levels with any combination of courses from areas covered by the certification or pass the appropriate Praxis Subject Assessment content exam.

For the degree in the composite field of general science, additional undergraduate coursework must be taken to remove undergraduate course deficiencies in related teaching fields. Deficiencies are determined with a formal evaluation of the students’ transcripts.

Students must have the approval of their advisors in professional studies before registering for undergraduate coursework required to meet the undergraduate requirements/deficiencies specified for the composite degree.

**50-82 Total Undergraduate and Graduate Semester Hours Required for this Degree**

**Graduation and Comprehensive Exam**

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in General Science 6-12.

**Please Note:** Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

**Alabama Class A Professional Educator Certification Requirements**

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. **Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.**

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.
Secondary Education - General Social Studies 6-12 (Master of Science in Education)

Application Deadlines
Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
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<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MSE in Secondary Education: General Social Studies 6-12

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor's-level professional educator certificate in Social Studies. All certificate(s) must be valid throughout the program and at graduation.
5. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

1 If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

Admission Requirements for the MSE in Secondary Education: General Social Studies 6-12

Applicants are admitted on a selective basis upon review of the completed application package.

With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

Minimum Requirements for the MSE in Secondary Education: General Social Studies 6-12

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
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<td>ED 500</td>
<td>Introduction to Graduate Education and Technology (Discipline specific section required first semester of enrollment)</td>
<td>1</td>
</tr>
<tr>
<td>EFD 560</td>
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<td>3</td>
</tr>
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<td>ESE 500</td>
<td>Research and Statistics in Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 502</td>
<td>Curriculum Development in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ESE 571</td>
<td>Critical Inquiry in History and Social Science</td>
<td>3</td>
</tr>
<tr>
<td>EAD 564</td>
<td>Law and Politics of Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Teaching Field Requirements
Select twelve graduate semester hours in social science

Diversity Requirement
SPE 500 Survey Course in Special Education (3) missing undergraduate credit

or EFD 552 Diversity Issues in Education (3)

Total Hours

34 Graduate Semester Hours Required for this Degree

1 By faculty advisement, select 12 graduate semester hours in social science to include at least one course from two of the following areas: economics, geography, history, political science, or psychology. At least six of the 12 semester hours selected must be numbered at the 500 level, and no more than three hours in the teaching field may be transferred to JSU.

2 SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must choose EFD 552 Diversity Issues in Education (3) to satisfy the diversity program requirement.

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the
Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification Social Studies 6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services. (http://www.jsu.edu/education/tes/)

2. Students certified in states other than Alabama who wish to apply for master’s level certification in Alabama upon completion of the master’s degree must apply for Alabama certification on the undergraduate level prior to applying for the master’s level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master’s level certification is sought. Earning a master’s degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Secondary Education - General Social Studies 6-12 Alternative Class A (Master of Science in Education)

The School of Education offers Alternative Class A Programs for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master’s degree and recommendation for Master’s-level Alabama Class A professional educator certification.

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>July 1</td>
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<tr>
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<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the respective graduate program chair.

Application Materials Required for the Alternative Class A MSE in Secondary Education: General Social Studies 6-12

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.) Applicants must hold a 2.00 GPA on the most recent undergraduate degree or a 3.00 GPA on the most recent master’s degree. This GPA must be documented on the official transcript of the degree-granting institution and must be the GPA that was used as the basis for granting the degree.
4. If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency.
   * Center for Applied Research, Evaluation and Education, Inc.
   * Educational Credential Evaluators, Inc.
   * International Consultants of Delaware
   * International Education Evaluations, Inc.
   * International Education Research Foundation, Inc.
   * Josef Silny and Associates, Inc.
   * World Education Services
   * Please see the ALSDE website (https://www.alsde.edu/sec/ec/Pages/foreigncredentials-all.aspx?navtext=Other%20Approaches%3a%20Foreign%20CredentialsWorld%20Education%20Services/) for full details.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
6. Alternative Class A Transcript Evaluation. Once transcripts have been received, applicants must contact Teacher Education Services (http://www.jsu.edu/education/tes/) at (256) 782-5574 for an individual evaluation concerning undergraduate course deficiencies and teacher
Admission Requirements for the Alternative Class A MSE in Secondary Education: General Social Studies 6-12

Applicants are admitted on a selective basis upon review of the completed application package.

Admission to graduate studies is not equivalent to unconditional admission to an approved teacher education program.

If applicable, all deficiency courses and teacher education program eligibility requirements must be completed prior to unconditional admission to the teacher education program.

Minimum Requirements for the Alternative Class A MSE in Secondary Education: General Social Studies 6-12

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
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<tr>
<td>ED 501</td>
<td>Introduction to Graduate Teacher Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 500</td>
<td>Research and Statistics in Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 505</td>
<td>Education Methods, Assessment, and Technology in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>ESE 510</td>
<td>Secondary Practicum One</td>
<td>2</td>
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<td>ESE 521</td>
<td>Teaching Social Studies</td>
<td>3</td>
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<td>ESE 534</td>
<td>Secondary Practicum Two</td>
<td>3</td>
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<td>ESE 561</td>
<td>Foundations of Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
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</tr>
<tr>
<td>ESE 571</td>
<td>Critical Inquiry in History and Social Science</td>
<td>3</td>
</tr>
<tr>
<td>ED 595</td>
<td>Internship in Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 596</td>
<td>Reflective Practices in Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Teaching Field Requirement
Select fifteen graduate semester hours from the social studies area

Diversity Requirement
SPE 500 Survey Course in Special Education or EFD 552 Diversity Issues in Education

Total Hours 50 Graduate Semester Hours Required for this Degree

1. By faculty advisement, select 15 graduate semester hours from the social studies area to include at least one course from two of the following areas: economics, geography, history, political science, and psychology. At least half of the 15 semester hours selected must be numbered at the 500 level. A student may transfer no more than three semester hours in the teaching field.

2. SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must select EFD 552 Diversity Issues in Education (3) to satisfy this diversity program requirement.

3. SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must select EFD 552 Diversity Issues in Education (3) to satisfy this diversity program requirement.

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master's level professional educator certification in General Social Studies 6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students' programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends
to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

### Secondary Education - History 6-12 (Master of Science in Education)

#### Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
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<td>July 1</td>
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</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

#### Application Materials Required for the MSE in Secondary Education: History 6-12

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

- **Graduate Admissions**
  - Jacksonville State University
  - 700 Pelham Road North
  - Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor’s-level professional educator certificate in History or Social Studies. All certificate(s) must be valid throughout the program and at graduation.
5. Background check$^1$. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

$^1$ If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

### Admission Requirements for the MSE in Secondary Education: History 6-12

Applicants are admitted on a selective basis upon review of the completed application package.

With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

### Minimum Requirements for the MSE in Secondary Education: History 6-12

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

<table>
<thead>
<tr>
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<td>EFD 560</td>
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<td>ESE 567</td>
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<td>ESE 571</td>
<td>Critical Inquiry in History and Social Science</td>
<td>3</td>
</tr>
<tr>
<td>EAD 564</td>
<td>Law and Politics of Education</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Teaching Field Requirement

Select twelve graduate semester hours in history$^1$.

#### Diversity Requirement

Select one of the following:

- SPE 500 Survey Course in Special Education$^2$
- EFD 552 Diversity Issues in Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education$^2$</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Total Hours

34 Graduate Semester Hours Required for this Degree

$^1$ By faculty advisement, select 12 graduate semester hours in history. At least six of the 12 semester hours selected must be numbered at the 500 level, and no more than three hours in the teaching field may be transferred to JSU.
SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must choose EFD 552 Diversity Issues in Education (3) to satisfy the diversity program requirement.

**Graduation and Comprehensive Exam**

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

**Completion of this program leads to eligibility for Master's-level professional educator certification in History 6-12.**

**Please Note:** Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

**Alabama Class A Professional Educator Certification Requirements**

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Students who hold a current certificate in Social Studies must pass the appropriate Praxis Subject Assessment for World and US History prior to certification application for the Class A certificate in History.
2. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/tes/) on the Teacher Education Services. (http://www.jsu.edu/education/tes/)
3. Students certified in states other than Alabama who wish to apply for master's level certification in Alabama upon completion of the master's degree must apply for Alabama certification on the undergraduate level prior to applying for the master's level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master's level certification is sought. Earning a master's degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.
4. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

**Secondary Education - History 6-12 Alternative Class A (Master of Science in Education)**

The School of Education offers Alternative Class A Programs for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master’s degree and recommendation for Master’s-level Alabama Class A professional educator certification.

**Application Deadlines**

Deadline dates for applications and receipt of all required application materials are:

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<tr>
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<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the respective graduate program chair.

**Application Materials Required for the Alternative Class A MSE in Secondary Education: History 6-12**

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

**Graduate Admissions**

Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://grrecruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Applicants must hold a 2.00 GPA\(^1\) on the most recent undergraduate degree or a 3.00 GPA on the most recent master's degree. This GPA must be documented on the official transcript of the degree-granting regionally accredited institution and must be the GPA that was used as the basis for granting the degree.
5. If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency:
   - Center for Applied Research, Evaluation and Education, Inc.
   - Educational Credential Evaluators, Inc.
   - International Consultants of Delaware
   - International Education Evaluations, Inc.
   - International Education Research Foundation, Inc.
   - International Education Research Foundation, Inc.
• Josef Silny and Associates, Inc.
• World Education Services
• Please see the ALSDE website (https://www.alsde.edu/sec/ec/Pages/foreigncredentials-all.aspx?navtext=Other%20Approaches%3a%20Foreign%20Credentials%20World%20Education%20Services/) for full details.

5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

6. Alternative Class A Transcript Evaluation. Once transcripts have been received, applicants must contact Teacher Education Services (http://www.jsu.edu/education/tes/) at (256) 782-5574 for an individual evaluation concerning undergraduate course deficiencies and teacher education program eligibility requirements prior to registration for coursework.

1 Applicants with below a 2.75 GPA will have additional requirements that will be assessed at the Alternative Class A Transcript Evaluation.

Admission Requirements for the Alternative Class A MSE in Secondary Education: History 6-12

Applicants are admitted on a selective basis upon review of the completed application package.

Admission to graduate studies is not equivalent to unconditional admission to an approved teacher education program.

If applicable, all deficiency courses and teacher education program eligibility requirements must be completed prior to unconditional admission to the teacher education program.

Minimum Requirements for the Alternative Class A MSE in Secondary Education: History 6-12

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Requirements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 501</td>
<td>Introduction to Graduate Teacher Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 500</td>
<td>Research and Statistics in Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 505</td>
<td>Education Methods, Assessment, and Technology in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>ESE 510</td>
<td>Secondary Practicum One</td>
<td>2</td>
</tr>
<tr>
<td>ESE 521</td>
<td>Teaching Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>ESE 534</td>
<td>Secondary Practicum Two</td>
<td>3</td>
</tr>
<tr>
<td>ESE 561</td>
<td>Foundations of Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ESE 571</td>
<td>Critical Inquiry in History and Social Science</td>
<td>3</td>
</tr>
<tr>
<td>ED 595</td>
<td>Internship in Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 596</td>
<td>Reflective Practices in Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in History 6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities
cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Secondary Education - Mathematics 6-12 (Master of Science in Education)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MSE in Secondary Education: Mathematics 6-12

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)

4. Valid Bachelor’s-level professional educator certificate in Mathematics. All certificate(s) must be valid throughout the program and at graduation.

5. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.

6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.

7. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MSE in Secondary Education: Mathematics 6-12

Applicants are admitted on a selective basis upon review of the completed application package.

With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

Minimum Requirements for the MSE in Secondary Education: Mathematics 6-12

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 500</td>
<td>Introduction to Graduate Education and Technology (Discipline specific section required first semester of enrollment)</td>
<td>1</td>
</tr>
<tr>
<td>ESE 500</td>
<td>Research and Statistics in Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 502</td>
<td>Curriculum Development in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>EFD 560</td>
<td>Psychological Principles of Learning</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ESE 570</td>
<td>Critical Inquiry in Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>EAD 564</td>
<td>Law and Politics of Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Teaching Field Requirements

Select twelve graduate semester hours in mathematics

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>or EFD 552</td>
<td>Diversity Issues in Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Diversity Requirement

Total Hours: 34
34 Graduate Semester Hours Required for this Degree

1. By faculty advisement, select 12 graduate semester hours in mathematics. At least 6 of the 12 semester hours selected must be numbered at the 500 level, and no more than three hours in the teaching field may be transferred to JSU.

2. SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) was taken at the undergraduate level. If SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate or graduate level, candidates must choose EFD 552 Diversity Issues in Education (3) to satisfy the diversity program requirement.

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Mathematics 6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Students certified in states other than Alabama who wish to apply for master's level certification in Alabama upon completion of the master's degree must apply for Alabama certification on the undergraduate level prior to applying for the master's level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master's level certification is sought. Earning a master's degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Secondary Education - Mathematics 6-12 Alternative Class A (Master of Science in Education)

The School of Education offers Alternative Class A Programs for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master’s degree and recommendation for Master’s-level Alabama Class A professional educator certification.

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>July 1</td>
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<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the respective graduate program chair.

Application Materials Required for the Alternative Class A MSE in Secondary Education: Mathematics 6-12

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).

2. Non-refundable $35.00 application processing fee.

3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.) Applicants must hold a 2.00 GPA¹ on the most recent undergraduate degree or a 3.00 GPA on the most recent master’s degree. This GPA must be documented on the official transcript of the degree-granting regionally accredited institution and must be the GPA that was used as the basis for granting the degree.

4. If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency:
   - Center for Applied Research, Evaluation and Education, Inc.
   - Educational Credential Evaluators, Inc.
   - International Consultants of Delaware
Admission Requirements for the Alternative Class A MSE in Secondary Education: Mathematics 6-12

Applicants are admitted on a selective basis upon review of the completed application package.

Admission to graduate studies is not equivalent to unconditional admission to an approved teacher education program.

If applicable, all deficiency courses and teacher education program eligibility requirements must be completed prior to unconditional admission to the teacher education program.

Minimum Requirements for the Alternative Class A MSE in Secondary Education: Mathematics 6-12

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 501</td>
<td>Introduction to Graduate Teacher Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 500</td>
<td>Research and Statistics in Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 505</td>
<td>Education Methods, Assessment, and Technology in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>ESE 510</td>
<td>Secondary Practicum One</td>
<td>2</td>
</tr>
<tr>
<td>ESE 520</td>
<td>Teaching Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>ESE 534</td>
<td>Secondary Practicum Two</td>
<td>3</td>
</tr>
<tr>
<td>ESE 561</td>
<td>Foundations of Secondary Education</td>
<td>3</td>
</tr>
<tr>
<td>ESE 567</td>
<td>Literacy Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>ESE 570</td>
<td>Critical Inquiry in Mathematics</td>
<td>3</td>
</tr>
</tbody>
</table>

ED 595 | Internship in Education | 3 |
ED 596 | Reflective Practices in Education | 3 |

Teaching Field Requirement
Select fifteen graduate semester hours in mathematics courses | 15 |

Diversity Requirement
SPE 500 | Survey Course in Special Education | 3 |
or EFD 552 | Diversity Issues in Education | 3 |

50 Graduate Semester Hours Required for this Degree

1. ED 595 Internship in Education (3) is equivalent to undergraduate student teaching and requires a semester long internship in the public schools. This must be scheduled during the last semester of coursework.

2. By faculty advisement, select 15 graduate semester hours in mathematics courses. At least half of the 15 semester hours selected must be numbered at the 500 level. A student may transfer no more than three semester hours in the teaching field.

3. SPE 500 Survey Course in Special Education (3) is required unless SPE 300 Survey of Exceptional Children and Youth (3) has already been taken at the undergraduate level or graduate level, candidates must select EFD 552 Diversity Issues in Education (3) to satisfy this diversity program requirement.

Undergraduate Requirements

Students must have earned an undergraduate degree in mathematics or complete 32 semester hours of undergraduate coursework in mathematics with a minimum of 19 hours at the 300-400 levels or pass the appropriate Praxis Subject Assessment content exam. Coursework must include at least 12 semester hours, or equivalent, beyond the three course JSU calculus series, including MS 441 Abstract Algebra I (3).

Students must have the approval of their advisors in professional studies and in the teaching field before registering for undergraduate coursework to meet the undergraduate requirements/deficiencies specified for the degree.

50-82 Total Undergraduate and Graduate Semester Hours Required for this Degree

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Mathematics 6-12.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.
Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/Alabama%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.
SCHOOL OF HEALTH PROFESSIONS AND WELLNESS

Dean: Dr. Christie Shelton

Associate Dean: Dr. Betsy Gulledge

The Jacksonville State University School of Health Professions and Wellness was established to deliver a top-quality education for 21st century professionals in an effort to promote health and wellness in our communities, state, nation, and around the world. The departments of nursing and kinesiology have developed graduate programs utilizing the latest evidence-based practices. It is our goal to prepare future leaders in health and wellness professions.

Department of Kinesiology

Department Head: Dr. Gina Mabrey, gmabrey@jsu.edu

Sport Management Program Coordinator: Dr. Reggie Overton, roverton1@jsu.edu

Physical Education Program Advisors:
Dr. Kory Hill, khill@jsu.edu
Dr. Majid Koozehchian, mkoozehchian@jsu.edu
Dr. Gina Mabrey, gmabrey@jsu.edu

True wellness starts with education, whether it’s helping someone gain an understanding of proper exercise habits or retraining someone’s muscles after a tragic injury. We believe the health of the mind and the body are intrinsically linked together. The key to building a healthier future starts with building strong, healthy minds and bodies today. In JSU's Department of Kinesiology, we promote wellness and professional growth through dynamic student programs that embrace leadership opportunities, active learning, innovative technology, and research. If you are passionate about living a healthy, active lifestyle and helping others achieve the same in all its forms, a degree in the field of kinesiology can move your career forward!

The Department of Kinesiology in the School of Health Professions and Wellness offers an Education Specialist degree in Physical Education P-12, a Master of Science in Education degree in Physical Education - Human Performance concentration (non-professional educator certification), a Master of Science in Education degree in Physical Education - Nutrition concentration (non-professional educator certification), a Master of Science in Education degree in Physical Education P-12, and a Master of Science degree in Sport Management (professional educator certification and non-professional certification).

- Physical Education P-12 (Education Specialist) (p. 113)
- Physical Education P-12 (Master of Science in Education) (p. 115)
- Physical Education P-12 Alternative Class A (Master of Science in Education) (p. 116)
- Physical Education - Human Performance (Master of Science in Education) (p. 118)
- Physical Education - Nutrition (Master of Science in Education) (p. 119)
- Sport Management - Non-Professional Educator Certification (Master of Science) (p. 120)
- Sport Management - Professional Educator Certification (Master of Science) (p. 121)

Professor

Hill, Kory J. (p. 167)

Overton, Reginald F. (p. 170)

Associate Professor

Mabrey, Regina (p. 169)

Physical Education P-12 (Education Specialist)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

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<tr>
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</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the EdS in Physical Education P-12

Applicants for an Education Specialist (EdS) program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

Applicants will not be considered for admission until all required documents are received by Graduate Studies.

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Master's-level professional educator certificate in Physical Education. ALL certificate(s) must be valid throughout the program and at graduation.
5. Background check. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for
success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.

7. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

1 If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

Admission Requirements for the EdS in Physical Education P-12

Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package.

With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

Minimum Requirements for the EdS in Physical Education P-12

An overall GPA of 3.50 is required on all coursework attempted for the education specialist degree. Transfer credit cannot be used to raise the GPA to the required 3.50.

Any course completed for the master's degree or for master's level professional educator certification may not be repeated or counted for the EdS degree. Graduate courses at the 400 level will not count as credit towards the EdS degree.

Course Title Credits
Core Requirements
ED 500 Introduction to Graduate Education and Technology 1 18-22
EFD 552 Diversity Issues in Education or EFD 645 Contemporary Challenges in Multicultural Education
EFD 615 Leadership in Education
EFD 620 Measurement and Evaluation in Education
EFD 691 Advanced Research in Education I
EFD 692 Advanced Research in Education II 2
EIM 610 Emerging Technology and Collaborative Tools
SPE 500 Survey Course in Special Education 3
Concentration Requirements
Select twelve graduate semester hours in physical education courses 12 4

Total Hours 30-34

30-34 Graduate Semester Hours Required for this Degree

1 Students who did not take ED 500 Introduction to Graduate Education and Technology (1) [discipline specific section] as a master's student at JSU are required to take the course as part of their EdS program. Required in the first semester of enrollment.

2 Must be taken in the last semester of enrollment.

3 Students who have not previously satisfied the special education requirement at the undergraduate or graduate level must take SPE 500 Survey Course in Special Education (3).

4 By faculty advisement, choose 12 graduate semester hours in physical education courses. Graduate courses selected to meet this concentration requirement must be numbered at the 500 or 600 levels.

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Education Specialist professional educator certification in Physical Education (P-12).

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class AA Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must meet all required admission criteria and complete a program of study at a college or university that has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Students certified in states other than Alabama who wish to apply for certification in Alabama upon completion of the education specialist degree must apply for Alabama certification on the undergraduate and master's levels prior to applying for the education specialist level certification. Earning an education specialist degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate and master’s certificates from Alabama.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.
Physical Education P-12 (Master of Science in Education)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
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<tbody>
<tr>
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<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MSE with a Concentration in (P-12) Teacher Education

Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

- Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
- Non-refundable $35.00 application processing fee.
- Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
- Valid Bachelor's-level professional educator certificate in Physical Education. All certificate(s) must be valid throughout the program and at graduation.
- Background check\(^1\). Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
- Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
- International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MSE with a Concentration in (P-12) Teacher Education

Applicants are admitted on a selective basis upon review of the completed application package.

With departmental approval, applicants may be permitted to enroll for one semester of graduate coursework while completing general application procedure requirements.

Minimum Requirements for the MSE with a Concentration in (P-12) Teacher Education

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 537</td>
<td>Diversity Issues and Trends in Wellness and Sport Studies</td>
<td>3</td>
</tr>
<tr>
<td>HPE 540</td>
<td>Law and Ethics in Wellness and Sports Studies</td>
<td>3</td>
</tr>
<tr>
<td>HPE 553</td>
<td>Applied Exercise Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>HPE 578</td>
<td>Research in Wellness and Sports Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

P-12 Teacher Education Concentration

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 500</td>
<td>Foundations of Health and Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>or HPE 502</td>
<td>Sociology of Sport</td>
<td></td>
</tr>
<tr>
<td>HPE 510</td>
<td>Health and Physical Education Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>HPE 515</td>
<td>Assessment in Health and Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>HPE 520</td>
<td>Best Practices in PE</td>
<td>3</td>
</tr>
<tr>
<td>HPE 554</td>
<td>Applied Exercise Physiology II</td>
<td>3</td>
</tr>
<tr>
<td>or HPE 583</td>
<td>Perceptual Motor Development</td>
<td></td>
</tr>
<tr>
<td>HPE 590</td>
<td>Directed Studies in HPE</td>
<td>3</td>
</tr>
</tbody>
</table>

Special Education Requirement

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education (^1)</td>
<td>1-3</td>
</tr>
</tbody>
</table>

Total Hours 30-33

30-33 Graduate Semester Hours Required for this Degree

\(^1\) Students who have not previously satisfied the special education requirement at the undergraduate or graduate level must take SPE 500 Survey Course in Special Education (3). Students who previously satisfied the special education requirement at the undergraduate level must take a state-approved diversity course by advisement. However, HPE 537 Diversity Issues and Trends in Wellness and Sport Studies (3) will meet the requirement.

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.
Completion of this program leads to eligibility for Master’s-level professional educator certification in Physical Education (P-12).

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Students certified in states other than Alabama who wish to apply for master’s level certification in Alabama upon completion of the master’s degree must apply for Alabama certification on the undergraduate level prior to applying for the master’s level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master’s level certification is sought. Earning a master’s degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Physical Education P-12 Alternative Class A (Master of Science in Education)

Alternative Class A Programs are for students who completed a non-teaching degree or for students who want to change teaching fields. Completion of the Alternative Class A program leads to the Master’s degree and recommendation for Master’s-level Alabama Class A professional educator certification.

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the respective graduate program chair.

Application Materials Required for the Alternative Class A Program MSE with a Major in Physical Education (P-12)

Applicants for a master’s degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions  
Jacksonville State University  
700 Pelham Road North  
Jacksonville, Alabama, 36265-1602

1. Completed JSU Graduate Application for Admission (https://grrecruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
   Applicants must hold a 2.00 GPA¹ on the most recent undergraduate degree or a 3.00 GPA on the most recent master’s degree. This GPA must be documented on the official transcript of the degree-granting regionally accredited institution and must be the GPA that was used as the basis for granting the degree.
4. If a degree was earned outside the United States, the student must provide a course-by-course and credit hour-by-credit hour degree evaluation prepared by a state-approved agency:
   - Center for Applied Research, Evaluation and Education, Inc.
   - Educational Credential Evaluators, Inc.
   - International Consultants of Delaware
   - International Education Evaluations, Inc.
   - International Education Research Foundation, Inc.
   - Josef Silny and Associates, Inc.
   - World Education Services
   - Please see the ALSDE website (https://www.alsde.edu/sec/ec/Pages/foreigncredentials-all.aspx?navtext=Other%20Approaches%3a%20Foreign%20CredentialsWorld%20Education%20Services/) for full details.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.
6. Alternative Class A Transcript Evaluation. Once transcripts have been received, applicants must contact Teacher Education Services (http://www.jsu.edu/education/tes/) at (256) 782-5574 for an individual evaluation concerning undergraduate course deficiencies and teacher
education program eligibility requirements prior to registration for coursework.

Applicants with below a 2.75 GPA will have additional requirements that will be assessed at the Alternative Class A Transcript Evaluation.

Admission Requirements for the Alternative Class A Program MSE with a Major in Physical Education (P-12)

Applicants are admitted on a selective basis upon review of the completed application package.

Admission to graduate studies is not equivalent to unconditional admission to an approved teacher education program.

If applicable, all deficiency courses and teacher education program eligibility requirements must be completed prior to unconditional admission to the teacher education program.

Minimum Requirements for the Alternative Class A Program MSE with a Major in Physical Education (P-12)

An overall 3.25 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

Students not enrolled for a one year period must receive department head approval before continuing coursework in the program and be re-evaluated by Teacher Education Services.

Course Title Credits
Required Courses
ED 501 Introduction to Graduate Teacher Education 3
HPE 500 Foundations of Health and Physical Education 3
HPE 510 Health and Physical Education Curriculum 3
HPE 512 Physical Education Methods I 3
HPE 513 Physical Education Methods II 3
HPE 515 Assessment in Health and Physical Education 3
HPE 520 Best Practices in PE 3
HPE 540 Law and Ethics in Wellness and Sports Studies 3
HPE 553 Applied Exercise Physiology I 3
HPE 578 Research in Wellness and Sports Studies 3
HPE 590 Directed Studies in HPE 3
ED 595 Internship in Education 3
ED 596 Reflective Practices in Education 1 3
SPE 500 Survey Course in Special Education 2 3
Total Hours 42

42 Graduate Semester Hours Required for this Degree

1. Must be taken concurrently with ED 595 Internship in Education (3).
2. Students who have not previously satisfied the special education requirement at the undergraduate or graduate level must take SPE 500 Survey Course in Special Education (3). Students who previously satisfied the special education requirement at the undergraduate or graduate level must take a state-approved diversity course by advisement.

Undergraduate Requirements

12 semester hours of undergraduate coursework in health and physical education to include the following:

Course Title Credits
BY 263 Human Anatomy and Physiology I 4
HPE 232 Sports Safety and First Aid Training 2
HPE 362 Kinesiology 3
HPE 400 Exercise Physiology 3
Total Hours 12

42-54 Total Undergraduate and Graduate Semester Hours Required for this Degree

1. Or pass the appropriate Praxis Subject Assessment.

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master’s-level professional educator certification in Physical Education (P-12).

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has
not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

**Physical Education - Human Performance (Master of Science in Education)**

The graduate concentration in Human Performance is designed to prepare students for advanced study in exercise physiology and future employment in strength and conditioning, adult fitness and wellness and corporate fitness. Special attention is also given to knowledge and skills necessary for certification (Certified Strength and Conditioning Specialist) and American College Sports Medicine certifications (e.g., Personal Trainer, Exercise Physiologist). The Human Performance program prepares graduates for interaction with both healthy populations and populations that are affected by chronic diseases (e.g., CVD, diabetes) and the functional changes that occur during exercise with these populations.

**Application Deadlines**

Deadline dates for application and receipt of all required application materials:

<table>
<thead>
<tr>
<th>Date</th>
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</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
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<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

**Application Materials Required for the MSE in Physical Education - Human Performance**

All of the following documents must be submitted to Graduate Admissions to be considered for admission:

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
5. Official scores for the General Test of the Graduate Record Exam (GRE) (https://www.ets.org/gre/) or the Miller Analogies Test (MAT) (http://www.jsu.edu/ccservices/mat.html) will be required if the undergraduate degree posted GPA is below 2.75.
6. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

**Admission Requirements for the MSE in Physical Education - Human Performance**

Applicants who meet the general admission requirements to graduate studies are eligible for admission to the MSE Physical Education degree with a concentration in Human Performance (non-professional educator certification). All applications are reviewed by graduate faculty for admission approval into the program.

A degree in Exercise Science or a closely related field is required for admission into the Human Performance Concentration.

Completion of undergraduate deficiencies may be required to meet program admission.

Applicants must meet one of the following admission requirements:

**Unconditional Admission**

- Applicants may be eligible for unconditional admission to the program with a GPA on the initial undergraduate degree of at least 2.75 on a 4.00 scale.

**Conditional Admission**

- Applicants who fail to meet the 2.75 GPA requirement for unconditional admission may be eligible for conditional admission to the program with a GRE mean score equal to or greater than 145 or a MAT score equal to or greater than 375.
- If GRE or MAT scores are required, they must be on file at JSU prior to consideration of program acceptance.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

**Minimum Requirements for the MSE in Physical Education - Human Performance**

An overall 3.00 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

Upon completion of the required 30 hours of coursework, students must pass a comprehensive examination. Accommodations will be made to support students with either onsite or offsite qualifying exam administration. Students should contact the graduate program faculty about dates of comprehensive exams.

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>HPE 537</td>
<td>Diversity Issues and Trends in Wellness and Sport Studies</td>
<td>3</td>
</tr>
</tbody>
</table>
HPE 540  Law and Ethics in Wellness and Sports Studies  3
HPE 553  Applied Exercise Physiology I  3
HPE 578  Research in Wellness and Sports Studies  3

**Human Performance Concentration**

HPE 531  Clinical Cardiopulmonary Physiology  3
HPE 539  Diet and Performance  3
HPE 554  Applied Exercise Physiology II  3
HPE 583  Perceptual Motor Development  3
HPE 590  Directed Studies in HPE  3
FCS 536  Advanced Nutritional Therapy  3
or FCS 537  Advanced Methods of Nutritional Assessment  3

Total Hours  30

30 Graduate Semester Hours Required for this Degree

**Graduation and Comprehensive Exam**

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

**Physical Education - Nutrition (Master of Science in Education)**

The graduate concentration in Nutrition at Jacksonville State University is designed to prepare students for advanced study in nutrition and future employment in the field of nutrition and related careers in wellness and corporate fitness. Special attention is also given to knowledge and skills necessary for students preparing for the ISSN Certified Sport Nutrition exam and potentially preparing for a program leading to becoming a Registered Dietitian. The Nutrition program prepares graduates for interaction with both healthy active populations and populations that are affected by chronic diseases (e.g., CVD, diabetes) and the impact of nutritional interventions in these populations.

**Application Deadlines**

Deadline dates for application and receipt of all required application materials:

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<tr>
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<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

**Application Materials Required for the MSE in Physical Education - Nutrition**

All of the following documents must be submitted to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North

Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
5. Official scores for the General Test of the Graduate Record Exam (GRE) (https://www.ets.org/gre/) or the Miller Analogies Test (MAT) (http://www.jsu.edu/ccservices/mat.html) will be required if the undergraduate degree posted GPA is below 2.75.
6. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

**Admission Requirements for the MSE in Physical Education - Nutrition**

Applicants who meet the general admission requirements to graduate studies are eligible for admission to the MSE Physical Education degree with a concentration in Nutrition (non-professional educator certification). All applications are reviewed by graduate faculty for admission approval into the program.

A degree in Exercise Science, Nutrition, or a closely related field is required for admission into the Nutrition Concentration. Completion of undergraduate deficiencies may be required to meet program admission.

Applicants must meet one of the following admission requirements:

**Unconditional Admission**

- Applicants may be eligible for unconditional admission to the program with a GPA on the initial undergraduate degree of at least 2.75 on a 4.00 scale.

**Conditional Admission**

- Applicants who fail to meet the 2.75 GPA requirement for unconditional admission may be eligible for conditional admission to the program with a GRE mean score equal to or greater than 145 or a MAT score equal to or greater than 375.
- If GRE or MAT scores are required, they must be on file at JSU prior to consideration of program acceptance.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.
Minimum Requirements for the MSE in Physical Education - Nutrition

An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

Upon completion of the required 30 hours of coursework, students must pass a comprehensive examination. Accommodations will be made to support students with either onsite or offsite qualifying exam administration. Students should contact the graduate program faculty about dates of comprehensive exams.

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HPE 537</td>
<td>Diversity Issues and Trends in Wellness and Sport Studies</td>
<td>3</td>
</tr>
<tr>
<td>HPE 540</td>
<td>Law and Ethics in Wellness and Sports Studies</td>
<td>3</td>
</tr>
<tr>
<td>HPE 553</td>
<td>Applied Exercise Physiology I</td>
<td>3</td>
</tr>
<tr>
<td>HPE 578</td>
<td>Research in Wellness and Sports Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

**Nutrition Concentration**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 531</td>
<td>Clinical Cardiopulmonary Physiology</td>
<td>3</td>
</tr>
<tr>
<td>or HPE 554</td>
<td>Applied Exercise Physiology II</td>
<td></td>
</tr>
<tr>
<td>HPE 539</td>
<td>Diet and Performance</td>
<td>3</td>
</tr>
<tr>
<td>HPE 590</td>
<td>Directed Studies in HPE</td>
<td>3</td>
</tr>
<tr>
<td>FCS 536</td>
<td>Advanced Nutritional Therapy</td>
<td>3</td>
</tr>
<tr>
<td>FCS 537</td>
<td>Advanced Methods of Nutritional Assessment</td>
<td>3</td>
</tr>
<tr>
<td>FCS 538</td>
<td>Critical issues in Nutrition and Food Science</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Hours**

30 Graduate Semester Hours Required for this Degree

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Sport Management - Non-Professional Educator Certification (Master of Science)

The chief objective of the Master of Science (MS) with a major in Sport Management (non-professional educator certification) is to provide students with the knowledge, skills, and abilities required to meet the demands of the job market in the sport industry.

Application Deadlines

Deadline dates for application and receipt of all required application materials:

<table>
<thead>
<tr>
<th>Date</th>
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</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MS with a Major in Sport Management (Non-Professional Educator Certification)

All of the following documents must be submitted to Graduate Admissions to be considered for admission:

- Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
- Non-refundable $35 application processing fee.
- Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
- Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
- A professional curriculum vita or resume.
- A letter of application explaining the applicant’s interest in the field of sport management and delineating the applicant’s career goals.
- Official scores for the General Test of the Graduate Record Exam (GRE) (https://www.ets.org/gre/) or the Miller Analogies Test (MAT) (http://www.jsu.edu/ccservices/mat.html) will be required if the undergraduate degree posted GPA is below 2.75.
- International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MS with a Major in Sport Management (Non-Professional Educator Certification)

Admission to the non-certification concentration does not require bachelor’s-level professional educator certification.

Applicants who meet the general admission requirements to graduate studies are eligible for admission to the MS with a major in sport management (non-professional educator certification). All applications are reviewed by Sport Management graduate faculty for admission approval into the program. A particular undergraduate major is not specified for admission to this program; however, a related field is recommended.
Unconditional Admission
• Applicants may be eligible for unconditional admission to the program with a GPA on the initial undergraduate degree of at least 2.75 on a 4.00 scale.

Conditional Admission
• Applicants who fail to meet the 2.75 GPA requirement for unconditional admission may be eligible for conditional admission to the program with a GRE mean score equal to or greater than 145 OR a MAT score equal to or greater than 375.
• The GRE or MAT scores must be on file at JSU prior to consideration of program acceptance.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MS with a Major in Sport Management (Non-Professional Educator Certification)
An overall 3.00 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

Upon completion of the required 30 hours of coursework, students must pass a comprehensive examination. Accommodations will be made to support students with either onsite or offsite qualifying exam administration. Students should contact the graduate program faculty about dates of comprehensive exams.

Course Title Credits
Core Requirements
HPE 525 Issues and Trends in Athletics 3
or HPE 537 Diversity Issues and Trends in Wellness and Sport Studies
HPE 540 Law and Ethics in Wellness and Sports Studies 3
HPE 563 Sport Finance 3
HPE 564 Human Resources Management in Sport 3
HPE 566 Public and Media Relations in Sport 3
HPE 567 Sport Facility Administration and Design 3
HPE 568 Administration of Athletics 3
HPE 576 Sport Marketing 3
HPE 586 Sport Promotion and Event Planning 3
HPE 591 Internship in Sport Management 3
or HPE 592 Internship in Sport Marketing and Administration
Total Hours 30

30 Graduate Semester Hours Required for this Degree

Graduation and Comprehensive Exam
A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Sport Management - Professional Educator Certification (Master of Science)
The chief objective of the Master of Science (MS) with a major in Sport Management is to provide students with the knowledge, skills, and abilities required to meet the demands of the job market in the sport industry.

Application Deadlines
Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MS in Sport Management (Professional Educator Certification)
Applicants for a master's degree education program must submit all of the following documentation to Graduate Admissions to be considered for admission:

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Valid Bachelor's-level professional educator certificate in any area of education. All certificate(s) must be valid throughout the program and at graduation.
5. Background check¹. Any candidate applying for admission to a state approved teacher education program shall be required to be fingerprinted for a criminal history background check through the Alabama State Department of Education to the Alabama Bureau of Investigation (ABI) and the Federal Bureau of Investigation (FBI). Applicants should contact Cogent Systems (https://www.aps.gemalto.com/) for directions in completing this process.
6. Applicants must have completed a minimum of two full years of full-time teaching experience in a P-12 setting prior to admission to the program and will document their educational experience on the state-approved Supplemental EXP Form (https://www.alsde.edu/sec/ec/Misc%20Docs/SUPPLEMENT%20EXP.pdf?search=Supplement%20EXP). Applicants should contact their superintendent’s office/central office for completion of this form.
Admissions Requirements for the MS in Sport Management (Professional Educator Certification)

Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package.

Minimum Requirements for the MS in Sport Management (Professional Educator Certification)

An overall 3.25 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.25.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 537</td>
<td>Diversity Issues and Trends in Wellness and Sport</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Studies</td>
<td></td>
</tr>
<tr>
<td>HPE 540</td>
<td>Law and Ethics in Wellness and Sports Studies</td>
<td>3</td>
</tr>
<tr>
<td>HPE 563</td>
<td>Sport Finance</td>
<td>3</td>
</tr>
<tr>
<td>HPE 564</td>
<td>Human Resources Management in Sport</td>
<td>3</td>
</tr>
<tr>
<td>HPE 566</td>
<td>Public and Media Relations in Sport</td>
<td>3</td>
</tr>
<tr>
<td>HPE 567</td>
<td>Sport Facility Administration and Design</td>
<td>3</td>
</tr>
<tr>
<td>HPE 568</td>
<td>Administration of Athletics</td>
<td>3</td>
</tr>
<tr>
<td>HPE 576</td>
<td>Sport Marketing</td>
<td>3</td>
</tr>
<tr>
<td>HPE 586</td>
<td>Sport Promotion and Event Planning</td>
<td>3</td>
</tr>
<tr>
<td>HPE 591</td>
<td>Internship in Sport Management</td>
<td>3</td>
</tr>
<tr>
<td>SPE 500</td>
<td>Survey Course in Special Education</td>
<td>1</td>
</tr>
</tbody>
</table>

Total Hours: 30-33

Please Note:

1. If the candidate holds a valid Alabama professional educator certificate and has already completed a background check through that process, another background check will not be required.

Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation online through the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Completion of this program leads to eligibility for Master's-level professional educator certification in Sport Management.

Please Note: Teacher education programs are approved by the Alabama State Board of Education and are, therefore, subject to periodic revision resulting from changes in State certification requirements. Subsequently, modifications in students’ programs may become necessary. Students in all graduate level teacher education programs must schedule their coursework each semester with approval of their faculty advisors.

Alabama Class A Professional Educator Certification Requirements

Issuance of Alabama professional educator certificates is the legal responsibility of the Alabama State Department of Education. Universities cannot issue a professional certificate. To be eligible to apply for certification, a student must complete an appropriate program of study at a college or university which has been approved by the State Board of Education to offer a program leading to the desired certificate. When a student completes the program of study, the institution recommends to the State Department of Education that the appropriate certificate be issued.

1. Alabama State Department of Education regulations are subject to change; therefore, it is recommended that students apply for certification upon graduation. During their last semester of coursework, students should contact Teacher Education Services, 207 Ramona Wood Hall, for information about this process. The university cannot recommend any student for certification who has not satisfied all state and university requirements for admission to and completion of an approved program. Please see the Alabama Certification Instructions (http://www.jsu.edu/education/pdf/AL%20INSTRUCTIONS%20Certification.pdf) on the Teacher Education Services (http://www.jsu.edu/education/tes/) website.

2. Students certified in states other than Alabama who wish to apply for master's level certification in Alabama upon completion of the master's degree must apply for Alabama certification on the undergraduate level prior to applying for the master's level certification. Students must be eligible for undergraduate certification in the teaching field(s) in which master's level certification is sought. Earning a master's degree at JSU does not automatically entitle a student to an Alabama certificate without first holding the appropriate undergraduate certificate.

3. Recommendation for certification must be made within 60 months of program completion. Recommendation after 60 months requires completion of a current program.

Department of Nursing

Department Head: Dr. Betsy Gulledge, gulledge@jsu.edu

Director of Online and Graduate Nursing Programs: Dr. Kimberly Helms, khelms@jsu.edu

The primary mission of the Department of Nursing in the School of Health Professions and Wellness is to provide excellence in undergraduate and graduate professional nursing education, as well as to pursue scholarly activities and provide service to the community. The department offers
courses leading to the Master of Science in Nursing (MSN) with a major in Population Health (concentrations in Emergency Management and Nursing Education); Graduate Certificates in Nursing Education and Emergency Preparedness Nursing Coordinator; and a Doctorate in Nursing Practice (BSN-DNP Family Nurse Practitioner, Adult-Gerontology Acute Care Nurse Practitioner, and Post-Master’s Doctor of Nursing Practice tracks). The baccalaureate and master's degree programs are accredited by the:

Commission on Collegiate Nursing Education (CCNE)
One Dupont Circle NW, Suite 530
Washington, D.C. 20036
Telphone: (202) 887-6791

(Please review the Graduate Certificate Disclosure (http://www.jsu.edu/graduate/disclosure.html) information.)

- Adult-Gerontology Acute Care Nurse Practitioner (Doctor of Nursing Practice) (p. 123)
- Family Nurse Practitioner (Doctor of Nursing Practice) (p. 124)
- Post-Master’s DNP (Doctor of Nursing Practice) (p. 126)
- Population Health (Master of Science in Nursing) (p. 127)
- Population Health - Emergency Management (Master of Science in Nursing) (p. 128)
- Population Health - Nursing Education (Master of Science in Nursing) (p. 129)
- Emergency Preparedness Nursing Coordinator (Graduate Certificate) (p. 130)
- Nursing Education (Graduate Certificate) (p. 131)

**Professor**

Shelton, Christie (p. 171)

**Associate Professor**

Dunn, Donna C. (p. 166)
Gulledge, Elizabeth D. (p. 167)
Helms, Kimberly (p. 167)
Keith, Leigh A. (p. 168)
Waits, Phyllis (p. 172)
Walker, Laura P. (p. 172)
Williamson, Myrna (p. 173)

**Assistant Professor**

Edge, Jr., Windon (p. 166)
Hill, Lori (p. 167)
McGrath, Lori S. (p. 169)
Stephens, Douglas (p. 171)
Wormely, Arlinda (p. 173)

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**Adult-Gerontology Acute Care Nurse Practitioner (Doctor of Nursing Practice)**

**BSN-DNP Programs**

The Doctor of Nursing Practice is a terminal degree in nursing that prepares Registered Nurses (RNs) and Nurse Practitioners (NPs) to practice at the highest level of the profession. The BSN-DNP Nurse Practitioner track prepares students to take the appropriate certification exam at completion of the program of study.

**Application Deadlines**

Applicants for the Doctor of Nursing Practice are considered for admission for the fall semester only, and all required application materials must be received in Graduate Studies by March 15.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 15</td>
<td>Fall Admission</td>
</tr>
</tbody>
</table>

Applications completed after March 15 will be considered for admission in the fall semester of the following year.

**Application Materials Required for the BSN-DNP Program in Adult-Gerontology Acute Care Nurse Practitioner**

Applicants for the BSN-DNP program must submit all of the following documentation to Graduate Studies to be considered for admission:

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35 application processing fee.
3. Official transcript with degree posted, documenting the BSN degree from a regionally accredited institution with a professionally accredited nursing program. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Unencumbered RN license in the U.S.
5. Overall GPA of 3.00 or higher on a 4.00 scale.
6. Professional resume [curriculum vitae (CV)].
7. Completed Experience Form.
8. Three Professional References. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
9. Professional interview and/or writing sample may be required.
10. No additional qualifying exam (GRE, MAT).
Admission Requirements for the BSN-DNP Program in Adult-Gerontology Acute Care Nurse Practitioner

Applicants are admitted on a selective basis upon review of the completed application package.

The DNP program does not accept transfer credits from other institutions; accordingly, 100% of the credits for the DNP degree will be earned at JSU.

Graduation Requirements

1. Completion of courses required for the selected pathway: 69 credit hours must be completed for the BSN-DNP.
2. Completion of supervised academic program practice hours: 1330 hours must be completed for the BSN-DNP.
3. Satisfactory completion of DNP project and paper.
4. Satisfactory completion of professional electronic portfolio.
5. Satisfactory completion of comprehensive exam for the BSN-DNP specialty tracks.

Progression and Retention

DNP students must maintain a 3.00 GPA. If the GPA falls below 3.00, student will be placed on academic probation per policy of the Office of Graduate Studies. A maximum of two courses with a grade of "C" may be counted toward degree completion and graduation. However, only one C is permitted in a support or specialty course. A second C in a support or specialty course must be repeated. A course may be repeated only once. A student earning a third C or lower may be dismissed from the DNP program.

Minimum Requirements for the BSN-DNP Program in Adult-Gerontology Acute Care Nurse Practitioner

An individual plan of study is provided from the Director of Student Services at time of admission.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU 607</td>
<td>Advanced Health Assessment</td>
<td>3</td>
</tr>
<tr>
<td>NU 613</td>
<td>Physio-Pathological Basis of Advanced Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NU 620</td>
<td>Pharmacology for Advanced Practice Nurses</td>
<td>3</td>
</tr>
<tr>
<td>ANP 668</td>
<td>Advanced Adult-Gerontology Acute NP I</td>
<td>3</td>
</tr>
<tr>
<td>ANP 669</td>
<td>Advanced Adult-Gerontology Acute NP Practicum I (70 Clinical Paracticum Hours)</td>
<td>1</td>
</tr>
<tr>
<td>ANP 671</td>
<td>Health Promotion/Disease Prevention and Issues for AGANP</td>
<td>2</td>
</tr>
<tr>
<td>ANP 672</td>
<td>Advanced Adult-Gerontology Acute NP II</td>
<td>3</td>
</tr>
<tr>
<td>ANP 673</td>
<td>Advanced Adult-Gerontology Acute NP Practicum II (210 Clinical Hours)</td>
<td>3</td>
</tr>
<tr>
<td>ANP 674</td>
<td>Advanced Adult-Gerontology Acute NP III</td>
<td>3</td>
</tr>
<tr>
<td>ANP 675</td>
<td>Advanced Adult-Gerontology Acute NP Practicum III (210 Clinical Hours)</td>
<td>3</td>
</tr>
<tr>
<td>ANP 676</td>
<td>Advanced Adult-Gerontology Acute NP IV</td>
<td>3</td>
</tr>
<tr>
<td>ANP 677</td>
<td>Advance Adult-Gerontology Acute NP Practicum IV (210 Clinical Hours)</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours: 69

69 Doctoral Semester Hours Required for this Degree

Graduation

All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Family Nurse Practitioner (Doctor of Nursing Practice)

BSN-DNP Programs

The Doctor of Nursing Practice is a terminal degree in nursing that prepares Registered Nurses (RNs) and Nurse Practitioners (NPs) to practice at the highest level of the profession. The BSN-DNP Nurse Practitioner track prepares students to take the appropriate certification exam at completion of the program of study.

Application Deadlines

Applicants for the Doctor of Nursing Practice are considered for admission for the fall semester only, and all required application materials must be received in Graduate Studies by March 15.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 15</td>
<td>Fall Admission</td>
</tr>
</tbody>
</table>

Applications completed after March 15 will be considered for admission in the fall semester of the following year.
Application Materials Required for the BSN-DNP program in Family Nurse Practitioner

Applicants for the BSN-DNP program must submit all of the following documentation to Graduate Studies to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35 application processing fee.
3. Official transcript with degree posted, documenting the BSN degree from a regionally accredited institution with a professionally accredited nursing program. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Unencumbered RN license in the U.S.
5. Overall GPA of 3.00 or higher on a 4.00 scale.
6. Professional resume [curriculum vitae (CV)].
7. Completed Experience Form.
8. Three Professional References. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
9. Professional interview and/or writing sample may be required.
10. No additional qualifying exam (GRE, MAT).

Admission Requirements for the BSN-DNP program in Family Nurse Practitioner

Applicants are admitted on a selective basis upon review of the completed application package.

The DNP program does not accept transfer credits from other institutions; accordingly, 100% of the credits for the DNP degree will be earned at JSU.

Graduation Requirements

1. Completion of courses required for the selected pathway: 69 credit hours must be completed for the BSN-DNP.
2. Completion of supervised academic program practice hours: 1330 hours must be completed for the BSN-DNP.
3. Satisfactory completion of DNP project and paper.
4. Satisfactory completion of professional electronic portfolio.
5. Satisfactory completion of comprehensive exam for the BSN-DNP specialty tracks.

Progression and Retention

DNP students must maintain a 3.00 GPA. If the GPA falls below 3.00, student will be placed on academic probation per policy of the Office of Graduate Studies. A maximum of two courses with a grade of "C" may be counted toward degree completion and graduation. However, only one C is permitted in a support or specialty course. A second C in a support or specialty course must be repeated. A course may be repeated only once. A student earning a third C or lower may be dismissed from the DNP program.

Minimum Requirements for the BSN-DNP program in Family Nurse Practitioner

An individual plan of study is provided from the Director of Student Services at time of admission.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU 607</td>
<td>Advanced Health Assessment</td>
<td>3</td>
</tr>
<tr>
<td>NU 613</td>
<td>Physio-pathological Basis of Advanced Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NU 620</td>
<td>Pharmacology for Advanced Practice Nurses</td>
<td>3</td>
</tr>
<tr>
<td>FNP 668</td>
<td>Advanced Family NP I</td>
<td>3</td>
</tr>
<tr>
<td>FNP 669</td>
<td>Advanced Family NP Practicum NP I</td>
<td>1</td>
</tr>
<tr>
<td>FNP 671</td>
<td>Health Promotion/Disease Prevention &amp; Issues for FNP</td>
<td>2</td>
</tr>
<tr>
<td>FNP 672</td>
<td>Advanced Family NP II</td>
<td>3</td>
</tr>
<tr>
<td>FNP 673</td>
<td>Advanced Family NP Practicum II</td>
<td>3</td>
</tr>
<tr>
<td>FNP 674</td>
<td>Advanced Family NP III</td>
<td>3</td>
</tr>
<tr>
<td>FNP 675</td>
<td>Advanced Family NP Practicum III (210 Clinical Paracticum Hours )</td>
<td>3</td>
</tr>
<tr>
<td>FNP 676</td>
<td>Advanced Family NP IV</td>
<td>3</td>
</tr>
<tr>
<td>FNP 677</td>
<td>Advanced Family NP Practicum IV (210 Clinical Paracticum Hours )</td>
<td>3</td>
</tr>
<tr>
<td>NU 702</td>
<td>BSN-DNP Online Orientation</td>
<td>0</td>
</tr>
<tr>
<td>NU 707</td>
<td>Scientific Underpinnings of Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU 708</td>
<td>Evidence-Based Practice and Quality Improvement in Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>NU 710</td>
<td>Health Care Policy and Finance</td>
<td>3</td>
</tr>
<tr>
<td>NU 711</td>
<td>Biostatistics and Translating Evidence</td>
<td>3</td>
</tr>
<tr>
<td>NU 712</td>
<td>Clinical Prevention and Population Health</td>
<td>3</td>
</tr>
<tr>
<td>NU 713</td>
<td>Organizational and Systems Leadership for the Advanced Practice Nurse</td>
<td>3</td>
</tr>
<tr>
<td>NU 715</td>
<td>Innovation Leadership and Collaboration in Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>NU 716</td>
<td>Interprofessional Health Care and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>FNP 796</td>
<td>FNP Project Planning and Development</td>
<td>3</td>
</tr>
<tr>
<td>FNP 797</td>
<td>FNP Residency I (210 Clinical Practicum Hours )</td>
<td>3</td>
</tr>
<tr>
<td>FNP 798</td>
<td>FNP Residency II (210 Clinical Practicum Hours )</td>
<td>3</td>
</tr>
<tr>
<td>FNP 799</td>
<td>FNP Residency III (210 Specialty Clinical Hours )</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours 69

69 Doctoral Semester Hours Required for this Degree

Graduation

All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.
Post-Master's DNP (Doctor of Nursing Practice)

Post-Master's DNP Program

The Doctor of Nursing Practice is a terminal degree in nursing that prepares Registered Nurses (RNs) and Nurse Practitioners (NPs) to practice at the highest level of the profession. The Post-Master’s DNP track is for nurse professionals who already have an MSN degree with approximately 500 clinical practice hours in the completed master’s program, which can be validated in writing by that program administrator. These students may or may not be nurse practitioners, but they must have completed a master’s degree with a clinical focus. The Post-Master’s DNP track is a leadership track with focus on advanced clinical practice, leadership, informatics and technology, quality indicators and outcomes improvement, and translation of evidence to practice in healthcare delivery.

Application Deadlines

Applicants for the Doctor of Nursing Practice are considered for admission for the fall semester only, and all required application materials must be received in Graduate Studies by March 15.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 15</td>
<td>Fall Admission</td>
</tr>
</tbody>
</table>

Applications completed after March 15 will be considered for admission in the fall semester of the following year.

Application Materials Required for the Post-Master’s DNP Program

Applicants for the Post-Master’s DNP must submit all of the following documentation to Graduate Studies to be considered for admission:

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcript with degree posted, documenting the Master of Science in Nursing degree from a regionally accredited institution with a professionally accredited nursing program, with a clinical focus validating approximately 500 practice hours, including, but not limited to, certified nurse practitioners. (Students who have previously attended JSU do not need to request a transcript from the university.).
4. Unencumbered RN license in the U.S.
5. Overall GPA of 3.00 or higher on a 4.00 scale
6. Professional resume (curriculum vitae (CV)).
7. Completed Experience Form.
8. Completed Verification of Clinical Practice Hours in Master’s Degree Program Form.
9. Three Professional References. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
10. Professional interview and/or writing sample may be required.
11. No additional qualifying exam (GRE, MAT).

Admission Requirements for the Post-Master’s DNP Program

Applicants are admitted on a selective basis upon review of the completed application package.

The DNP program does not accept transfer credits from other institutions; accordingly, 100% of the credits for the DNP degree will be earned at JSU.

Graduation Requirements

1. Completion of courses required for the selected pathway: 36 credit hours must be completed for the Post-Master’s DNP.
2. Completion of supervised academic program practice hours: 630 hours must be completed for the Post-Master’s DNP.
3. Satisfactory completion of DNP project and paper.
4. Satisfactory completion of professional electronic portfolio.

Progression and Retention

DNP students must maintain a 3.00 GPA. If the GPA falls below 3.00, a student will be placed on academic probation per policy of the Office of Graduate Studies. A maximum of two courses with a grade of “C” may be counted toward degree completion and graduation. However, only one C is permitted in a support or specialty course. A second C in a support or specialty course must be repeated. A course may be repeated only once. A student earning a third C or lower may be dismissed from the DNP program.

Minimum Requirements for the Post-Master’s DNP Program

An individual plan of study is provided from the Director of Student Services at time of admission.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU 701</td>
<td>Post-Master’s DNP Online Orientation</td>
<td>0</td>
</tr>
<tr>
<td>NU 707</td>
<td>Scientific Underpinnings of Advanced Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NU 708</td>
<td>Evidence-Based Practice and Quality Improvement in Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>NU 710</td>
<td>Health Care Policy and Finance</td>
<td>3</td>
</tr>
<tr>
<td>NU 711</td>
<td>Biostatistics and Translating Evidence</td>
<td>3</td>
</tr>
<tr>
<td>NU 712</td>
<td>Clinical Prevention and Population Health</td>
<td>3</td>
</tr>
<tr>
<td>NU 713</td>
<td>Organizational and Systems Leadership for the Advanced Practice Nurse</td>
<td>3</td>
</tr>
<tr>
<td>NU 715</td>
<td>Innovation Leadership and Collaboration in Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>NU 716</td>
<td>Interprofessional Health Care and Informatics</td>
<td>3</td>
</tr>
<tr>
<td>DNP 796</td>
<td>DNP Project Planning and Development</td>
<td>3</td>
</tr>
<tr>
<td>DNP 797</td>
<td>DNP Residency I (210 Practicum Hours)</td>
<td>3</td>
</tr>
<tr>
<td>DNP 798</td>
<td>DNP Residency II (210 Practicum Hours)</td>
<td>3</td>
</tr>
<tr>
<td>DNP 799</td>
<td>DNP Residency III (210 Practicum Hours)</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours 36
36 Doctoral Semester Hours Required for this Degree

Graduation
All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Population Health (Master of Science in Nursing)
The Master of Science in Nursing (MSN) degree program is designed to prepare advanced population health nurses to address the health needs of vulnerable populations and communities as they currently exist and as they will evolve in the future. Students acquire advanced knowledge and skills in community needs assessment, analysis of aggregate data, health planning, as well as program development, implementation, and evaluation. The curriculum builds on the foundation of baccalaureate education and requires 38 hours of coursework, including two courses in population health with clinical practica. A disaster management component is integrated into various courses in the curriculum. Courses in the MSN program are offered online.

Application Deadlines
To complete the admission process, the items listed below must be submitted by:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Applicants are not allowed to register or pre-register until all admission requirements have been completed and the applicant is admitted to Graduate Studies.

Application Materials Required for the MSN in Population Health
Applicants for the MSN - Population Health must submit all of the following documentation to Graduate Studies to be considered for admission:

- Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
- Non-refundable $35 application processing fee.
- Bachelor’s degree with a major in nursing from a regionally accredited university with a professionally accredited nursing program.
- Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
- Overall GPA of 3.00 or higher on a 4.00 scale (cumulative or last 64 credit hours).

Admission Requirements for the MSN in Population Health

Unconditional Admission
Applicants are admitted on a selective basis upon review of the completed application package. The Graduate Nursing Programs Admissions Committee will review applicant admission packets and determine eligibility for admission. The admissions committee will submit to the Director of Graduate Studies its recommendation on the admission of each candidate.

Conditional Admission
To be considered for Conditional Admission for the MSN, applicants must meet all of the above requirements with the following exception: Overall GPA of 2.50 or higher on a 4.00 scale (cumulative or last 64 credit hours).

Students who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to comply will result in the student being dismissed from the program.

Minimum Requirements for the MSN in Population Health
An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU 501</td>
<td>MSN Online Orientation</td>
<td>0</td>
</tr>
<tr>
<td>NU 504</td>
<td>Theories in Nursing</td>
<td>2</td>
</tr>
<tr>
<td>NU 507</td>
<td>Advanced Health Assessment</td>
<td>3</td>
</tr>
<tr>
<td>NU 513</td>
<td>Advanced Pathophysiology</td>
<td>3</td>
</tr>
<tr>
<td>NU 518</td>
<td>Organizational &amp; Systems Leadership in Population Health</td>
<td>3</td>
</tr>
<tr>
<td>NU 520</td>
<td>Advanced Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td>NU 522</td>
<td>Nursing Research</td>
<td>3</td>
</tr>
<tr>
<td>NU 527</td>
<td>Epidemiology</td>
<td>3</td>
</tr>
<tr>
<td>NU 540</td>
<td>Population Health I</td>
<td>6</td>
</tr>
<tr>
<td>NU 542</td>
<td>Transcultural Nursing &amp; Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>NU 544</td>
<td>Statistical Methods in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>NU 545</td>
<td>Population Health II</td>
<td>6</td>
</tr>
</tbody>
</table>

Total Hours 38
Graduation and Comprehensive Exam
No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Population Health - Emergency Management (Master of Science in Nursing)
The Master of Science in Nursing (MSN) degree program with a Concentration in Emergency Management is designed to prepare advanced population health nurses to address the health needs of vulnerable populations and communities. Students acquire advanced knowledge and skills in population and community needs assessment, analysis of aggregate data, and health planning, as well as program development, implementation, and evaluation. Students also acquire advanced knowledge and skills in emergency preparedness, planning, and management from the nurse coordinator perspective. Focusing on health promotion and prevention, the program allows students to select a vulnerable population focus for study across the curriculum, such as women and infants, children, teens, adults with chronic illnesses, geriatric clients, clients with ethnic or racial disparities, and infectious disease clients, to name a few. The scope of public health/population health nursing practice and concepts of disaster preparedness and management, vulnerable populations and communities. Students acquire advanced knowledge and skills in population and community needs assessment, analysis of aggregate data, and health planning, as well as program development, implementation, and evaluation. Students also acquire advanced knowledge and skills in emergency preparedness, planning, and management from the nurse coordinator perspective. Focusing on health promotion and prevention, the program allows students to select a vulnerable population focus for study across the curriculum, such as women and infants, children, teens, adults with chronic illnesses, geriatric clients, clients with ethnic or racial disparities, and infectious disease clients, to name a few. The scope of public health/population health nursing practice and concepts of disaster preparedness and management, systems leadership, and quality and safety are integrated into various courses throughout the curriculum.

Application Deadlines
To complete the admission process, the items listed below must be submitted by:

<table>
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<tr>
<th>Date</th>
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<tbody>
<tr>
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</tbody>
</table>

Applicants are not allowed to register or pre-register until all admission requirements have been completed and the applicant is admitted to Graduate Studies.

Application Materials Required for the MSN in Population Health with a Concentration in Emergency Management
Applicants for the MSN - Population Health must submit all of the following documentation to Graduate Studies to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35 application processing fee.

3. Bachelor’s degree with a major in nursing from a regionally accredited university with a professionally accredited nursing program.
4. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
5. Overall GPA of 3.00 or higher on a 4.00 scale (cumulative or last 64 credit hours).
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. Satisfactory writing sample of statement of purpose.
8. A current unencumbered RN license.
9. Professional interview may be required.
10. Admission test scores are not required (GRE, MAT).
11. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MSN in Population Health with a Concentration in Emergency Management
Unconditional Admission
Applicants are admitted on a selective basis upon review of the completed application package. The Graduate Nursing Programs Admissions Committee will review applicant admission packets and determine eligibility for admission. The admissions committee will submit to the Director of Graduate Studies its recommendation on the admission of each candidate.

Conditional Admission
To be considered for Conditional Admission for the MSN, applicants must meet all of the above requirements with the following exception: Overall GPA of 2.50 or higher on a 4.00 scale (cumulative or last 64 credit hours).

Students who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to comply will result in the student being dismissed from the program.

Minimum Requirements for the MSN in Population Health with a Concentration in Emergency Management
An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

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<td>NU 518</td>
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<td>3</td>
</tr>
<tr>
<td>NU 520</td>
<td>Advanced Pharmacology</td>
<td>3</td>
</tr>
</tbody>
</table>
NU 522 Nursing Research 3
NU 527 Epidemiology 3
NU 540 Population Health I 6
NU 542 Transcultural Nursing & Healthcare 3
NU 544 Statistical Methods in Health Care 3
NU 545 Population Health II 6

Required Courses for the Concentration in Emergency Management
EM 505 Foundations of Emergency Management 3
EM 545 Emergency Preparedness 3
EM 555 Disaster Response 3
EM 575 Medical Aspects of Emergency Management 3

Emergency Management Elective
Select one of the following EM courses: 3
- EM 548 Vulnerability and Capacity-Building
- EM 570 Biosecurity
- EM 576 Healthcare Leadership for All Hazards Incidents

Total Hours 53

53 Graduate Semester Hours Required for this Degree

Graduation and Comprehensive Exam
No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Population Health - Nursing Education (Master of Science in Nursing)
The Master of Science in Nursing (MSN) degree program with a Concentration in Nursing Education is designed to prepare advanced population health nurses to address the health needs of vulnerable populations and communities and also prepare nurses to teach in schools and colleges of nursing or clinical agencies and hospitals. Students acquire advanced knowledge and skills in population and community needs assessment, analysis of aggregate data, health planning, and program development, implementation, and evaluation, as well as acquire nurse educator competencies.

Application Deadlines
To complete the admission process, the items listed below must be submitted by:

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Applicants are not allowed to register or pre-register until all admission requirements have been completed and the applicant is admitted to Graduate Studies.

Application Materials Required for the MSN in Population Health with a Concentration in Nursing Education
Applicants for the MSN - Population Health must submit all of the following documentation to Graduate Studies to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/)
2. Non-refundable $35 application processing fee.
3. Bachelor’s degree with a major in nursing from a regionally accredited university with a professionally accredited nursing program.
4. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
5. Overall GPA of 3.00 or higher on a 4.00 scale (cumulative or last 64 credit hours).
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. Satisfactory writing sample of statement of purpose.
8. A current unencumbered RN license.
9. Professional interview may be required.
10. Admission test scores are not required (GRE, MAT).
11. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MSN in Population Health with a Concentration in Nursing Education

Unconditional Admission
Applicants are admitted on a selective basis upon review of the completed application package. The Graduate Nursing Programs Admissions Committee will review applicant admission packets and determine eligibility for admission. The admissions committee will submit to the Director of Graduate Studies its recommendation on the admission of each candidate.

Conditional Admission
To be considered for Conditional Admission for the MSN, applicants must meet all of the above requirements with the following exception: Overall GPA of 2.50 or higher on a 4.00 scale (cumulative or last 64 credit hours). Students who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to comply will result in the student being dismissed from the program.
Minimum Requirements for the MSN in Population Health with a Concentration in Nursing Education

An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

<table>
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<td>NU 520</td>
<td>Advanced Pharmacology</td>
<td>3</td>
</tr>
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<td>NU 522</td>
<td>Nursing Research</td>
<td>3</td>
</tr>
<tr>
<td>NU 527</td>
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<td>Population Health II</td>
<td>6</td>
</tr>
<tr>
<td>NU 550</td>
<td>Developing Instruction Programs in Collegiate Nursing Education</td>
<td>3</td>
</tr>
<tr>
<td>NU 551</td>
<td>Teaching, Learning, and Evaluation in Collegiate Nursing Programs</td>
<td>3</td>
</tr>
<tr>
<td>NU 552</td>
<td>Practicum in Collegiate Nursing Education</td>
<td>3</td>
</tr>
<tr>
<td>NU 553</td>
<td>Issues and Trends in Collegiate Nursing Education</td>
<td>3</td>
</tr>
<tr>
<td>NU 554</td>
<td>Introduction to Instructional Design and Online Teaching</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours 53

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation by the given deadline of the semester in which they plan to graduate. Please see the Graduation and Comprehensive Exam section of this catalog for more information.

Emergency Preparedness Nursing Coordinator (Graduate Certificate)

An Emergency Preparedness Nursing Coordinator Graduate Certificate is available for non-degree students who wish to specialize in the area of emergency management nursing. Upon satisfactorily completing the 15 hours required of the graduate certificate, an entry will be made on the student’s transcript. All courses are delivered through distance education.

A student who completes the graduate certificate in Emergency Preparedness Nursing Coordinator may apply the 15 hours credit toward the Master of Science in Nursing (MSN) in Population Health with a Concentration in Emergency Management. All coursework for the MSN must be completed within six years. Hours earned through a graduate certificate program may only be applied to one graduate degree.

Please review the Graduate Certificate Disclosure information.

Application Materials Required for the Graduate Certificate in Emergency Preparedness Nursing Coordinator

Applicants for the Graduate Certificate in Emergency Preparedness Nursing Coordinator must submit the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission.
2. Non-refundable $35.00 application processing fee.
3. Bachelor’s degree with a major in nursing from a regionally accredited university with a professionally accredited nursing program.
4. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
5. A current unencumbered RN license.
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. International student applicants must see the International Student Applicants section of this catalog for other application and enrollment requirements.

Admission Requirements for the Graduate Certificate in Emergency Preparedness Nursing Coordinator

Applicants are admitted on a selective basis upon review of the completed application package.

Minimum Requirements for the Graduate Certificate in Emergency Preparedness Nursing Coordinator

An overall 3.00 GPA is required on all coursework attempted for the graduate certificate. Transfer credit is not accepted toward a graduate certificate program.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EM 505</td>
<td>Foundations of Emergency Management</td>
<td>3</td>
</tr>
<tr>
<td>EM 545</td>
<td>Emergency Preparedness</td>
<td>3</td>
</tr>
<tr>
<td>EM 555</td>
<td>Disaster Response</td>
<td>3</td>
</tr>
<tr>
<td>EM 575</td>
<td>Medical Aspects of Emergency Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Required Emergency Management Electives
Select one of the following: 3
- EM 548 Vulnerability and Capacity-Building
- EM 570 Biosecurity
- EM 576 Healthcare Leadership for All Hazards Incidents

Total Hours 15

15 Graduate Semester Hours Required for this Graduate Certificate.

Graduation and Comprehensive Exam
No comprehensive exam is required for this Graduate Certificate. All students must apply for certificate completion (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to complete. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Nursing Education (Graduate Certificate)
The Graduate Certificate in Nursing Education is designed to prepare nurses to teach in nursing and health professional programs, health care institutions and agencies, and in the community. The certificate provides nurses with essential knowledge and skills about teaching, program development, evaluation, clinical instruction, and other aspects of the educational process in nursing. Upon satisfactorily completing the requirements of the graduate certificate, an entry will be made on the student's transcript. Courses in the graduate certificate program are offered online. The practicum is based on student needs and is planned with students in a location convenient for them.

A student who completes the graduate certificate in Nursing Education may apply the 15 hours credit toward the Master of Science in Nursing (MSN) in Population Health with a Concentration in Nursing Education. All coursework for the MSN must be completed within six years. Hours earned through a graduate certificate program may only be applied to one graduate degree.

Please review the Graduate Certificate Disclosure (http://www.jsu.edu/graduate/disclosure.html) information.

Application Materials Required for the Graduate Certificate in Nursing Education
Applicants for the Graduate Certificate in Nursing Education must submit the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Bachelor's degree with a major in nursing from a regionally accredited university with a professionally accredited nursing program.

4. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
5. A current unencumbered RN license.
6. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
7. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the Graduate Certificate in Nursing Education
Applicants are admitted on a selective basis upon review of the completed application package.

Minimum Requirements for the Graduate Certificate in Nursing Education
An overall 3.00 GPA is required on all coursework attempted for the graduate certificate. Transfer credit is not accepted toward a graduate certificate program.

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<th>Credits</th>
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<tr>
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<td>Developing Instruction Programs in Collegiate Nursing Education</td>
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<td>NU 554</td>
<td>Introduction to Instructional Design and Online Teaching</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours 15

15 Graduate Semester Hours Required for this Graduate Certificate.

Graduation and Comprehensive Exam
No comprehensive exam is required for this Graduate Certificate. All students must apply for certificate completion (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to complete. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.
SCHOOL OF HUMAN SERVICES AND SOCIAL SCIENCES

Dean: Dr. Maureen Newton

The School of Human Services and Social Sciences offers quality academic programs through traditional, hybrid, and online course offerings. We proudly serve the central Alabama region, as well as students from all over the world who want an excellent and affordable education. Our school offers professional degree programs for immediate careers at the baccalaureate, master’s, and doctoral levels and preparation for success in graduate school.

Our faculty and staff seek to serve students in a manner that leads to transformative educational and interpersonal experiences. Students work with accomplished faculty who are engaged in innovative forms of teaching, scholarship, and service. Our goal is to provide students with opportunities and experiences that lead to life-long personal and professional success.

Graduates are prepared for work in criminal justice, emergency management, public administration, psychology, and social work.

Albert P. Brewer Department of Criminal Justice

Department Head: Dr. Ronald Mellen, rmellen@jsu.edu

Graduate Program Coordinator: Dr. Kay Lang, klang3@jsu.edu

The Department of Criminal Justice offers courses leading to the Master of Science (MS) with a major in Criminal Justice and supporting courses for the Master of Arts (MA) with a major in Integrated Studies. The department also offers an area of concentration in Criminal Justice within the Master of Public Administration (MPA) (p. 139) degree program (please refer to the Department of Political Science and Public Administration section of this catalog for application materials required and admission and program requirements).

• Criminal Justice (Master of Science) (p. 132)

Distinguished Professor

Kania, Richard R.E. (p. 168)

Professor

Davis, Richards P. (p. 165)

Mellen, Ronald R.E. (p. 169)

Associate Professor

Buttram, III, H. Dean (p. 165)

Morgan, Joseph S. (p. 170)

Assistant Professor

Lang, Kay E. (p. 168)

Murtagh, Christopher (p. 170)

Criminal Justice (Master of Science)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
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</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MS with a Major in Criminal Justice

Applicants for the MS with a major in criminal justice will be permitted to enroll for one semester of graduate coursework (only after degree posted transcripts have been received) while completing all other general application procedure requirements.

Applicants for the MS with a major in criminal justice must submit the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MS with a Major in Criminal Justice

Applicants to the MS with a major in Criminal Justice must meet both Graduate Studies requirements and Department of Criminal Justice requirements.

Unconditional Admission

• Applicants to the MS with a major in Criminal Justice must have an undergraduate major in Criminal Justice or its equivalent, as determined by the Department of Criminal Justice.
• Applicants with an undergraduate GPA of at least a 2.75 (on a 4.00 scale) and 3.00 in their major are eligible for unconditional admission.

Conditional Admission
• Any applicant failing to meet the requirements for unconditional admission may be conditionally admitted with the recommendation of the graduate faculty in the Department of Criminal Justice and approval of the Director of Graduate Studies.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MS with a Major in Criminal Justice
An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

Non-Thesis Option
Course Title Credits
Required Criminal Justice Courses
CJ 500 Seminar in Contemporary Criminal Justice Issues 3
CJ 501 Applied Data Analysis for Criminal Justice 3
CJ 502 Research Methods in Criminal Justice 3
CJ 505 Criminal Justice Administration 3
CJ 521 Seminar in Criminological Theory 3
Select nine semester hours of graduate Criminal Justice electives 9
Select six semester hours of graduate courses in Criminal Justice OR in a related field 6

Total Hours 30

30 Graduate Semester Hours Required for this Degree

Thesis Option
Course Title Credits
Required Criminal Justice Courses
CJ 500 Seminar in Contemporary Criminal Justice Issues 3
CJ 501 Applied Data Analysis for Criminal Justice 3
CJ 502 Research Methods in Criminal Justice 3
CJ 505 Criminal Justice Administration 3
CJ 521 Seminar in Criminological Theory 3
Six semester hours of Thesis CJ 599 6
Select three semester hours of graduate Criminal Justice electives 3
Select six semester hours of graduate courses in Criminal Justice OR in a related field 6

Total Hours 30

30 Graduate Semester Hours Required for this Degree

1 Selected graduate courses in a related field must be approved in advance by the head of the Criminal Justice Department.

Thesis students should contact Graduate Studies to receive an orientation to the thesis process prior to enrolling in the first three semester hours of thesis, 599. This orientation can be completed either in person or via email. The purpose of the orientation is to provide the thesis student with information concerning required forms, due dates, and to answer any questions concerning thesis options and/or procedure. For further information concerning this orientation, please contact LaRilda VanSandt, vansandt@jsu.edu, 322 Bibb Graves, (256) 782-5345. See Thesis Options and Procedures (p. 16) in this catalog for more information.

Graduation and Comprehensive Exam
A comprehensive exam is required for the Non-Thesis Option of this degree; please see the graduate advisor for full details. For students choosing the Thesis Option, the thesis defense serves as the comprehensive exam. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Department of Emergency Management
Department Head: Dr. Jeff Ryan, jryan@jsu.edu
Doctoral Program Coordinator: Dr. Tanveerul Islam, tislam@jsu.edu
MS Program Advisor: Denise DaSilva, ddasilva@jsu.edu

The Department of Emergency Management offers courses leading to the Master of Science (MS) with a major in Emergency Management. This degree balances conceptual knowledge in emergency management with skill acquisition in crisis management, hazard assessment, and other analytic and management skills.

The Department of Emergency Management also offers courses for the Master of Public Administration (MPA) (p. 142) with a concentration in Emergency Management and supporting courses for the Master of Arts (MA) with a major in Integrated Studies. For information on the MPA, please refer to the Department of Political Science and Public Administration section of this catalog. For information on the MA with a major in Integrated Studies, please see the Integrated Studies section of this catalog within the School of Arts and Humanities.

A Graduate Certificate in Emergency Management is also available for non-degree students who wish to specialize in the area of emergency management. Upon satisfactorily completing the requirements of the graduate certificate, an entry will be made on the student's transcript. A student who completes the graduate certificate in emergency management may apply the 15 hours credit toward the MA with a major in Integrated Studies, MPA with a concentration in Emergency Management, or the MS with a major in Emergency Management. All coursework for the MA, MPA, and MS degrees, including the emergency management concentration coursework, must be completed within six years. Please review our Graduate Certificate Disclosure (http://www.jsu.edu/graduate/discard.html) information.

Finally, the department offers the Doctor of Science with a major in Emergency Management as well. JSU’s doctoral program provides the focused, interdisciplinary, and comprehensive analysis and applied research necessary for the complex work associated with emergency
management. The curriculum is organized around specific knowledge, skills, and professional values unique to the practice of emergency management.

All Emergency Management programs are only offered online. International students must remain in their home country to be eligible for admission to these programs.

- Emergency Management (Doctor of Science) (p. 134)
- Emergency Management (Master of Science) (p. 135)
- Emergency Management (Graduate Certificate) (p. 136)

Professor
Kushma, Jane (p. 168)
Lowe, William A. (p. 169)
Ryan, Jeffrey R. (p. 171)

Associate Professor
Huang, Shih-Kai (p. 167)
Islam, Tanveerul (p. 167)
Van Slyke, Jeffrey (p. 172)

Assistant Professor
Jerolleman, Alessandra (p. 167)
Wang, Chongming (p. 173)

Emergency Management (Doctor of Science)
The Doctor of Science degree requires a total of 60 semester credit hours. Required coursework includes 42 hours in administration and policy, practice areas, and research methods and statistics, plus a minimum of 18 hours of dissertation credit. In addition, applicants must hold a master’s degree in emergency management or a related field from a regionally accredited school. While courses are delivered online, students are required to participate in a week-long seminar on campus once each academic year, for the first three years of their program. All Emergency Management programs are only offered online. International students must remain in their home country to be eligible for admission to these programs.

Upon completion of the required 42 hours of coursework, doctoral students must pass three qualifying exams. Accommodations will be made to support students with either onsite or offsite qualifying exam administration. After students have passed all three exams, they may advance to doctoral candidacy.

Doctoral candidates will complete an applied research dissertation. The candidate must enroll for a minimum of 18 hours of dissertation credit during candidacy. All requirements for the degree must be completed in ten years.

Application Deadlines
Applicants for the Doctor of Science with a major in emergency management are considered for admission for the fall semester only, and all required application materials must be received in Graduate Studies by January 31.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 31</td>
<td>Fall Admission</td>
</tr>
</tbody>
</table>

Applications completed after January 31 will be considered for admission in the fall semester of the following year.

Application Materials Required for the DSc with a Major in Emergency Management
Applicants for the Doctor of Science in Emergency Management degree must hold a master’s degree from a regionally accredited school and must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, AL 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35 application processing fee.
3. A Statement of Purpose setting forth career goals and research interests.
4. A resume, including education, employment, and service activities.
5. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of applicant’s potential for success in doctoral coursework and citing potential professional leadership ability. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
6. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
8. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the DSc with a Major in Emergency Management
Applicants are admitted on a selective basis by the faculty members of the program, upon review of the completed application package.

Minimum Requirements for the DSc with a Major in Emergency Management
An overall 3.00 GPA is required on all coursework attempted for the doctoral degree. Transfer credit cannot be used to raise the GPA to the required 3.00.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM 802</td>
<td>Integrative Seminar (1st year)</td>
<td>2</td>
</tr>
<tr>
<td>EM 804</td>
<td>Integrative Seminar (2nd year)</td>
<td>2</td>
</tr>
<tr>
<td>EM 806</td>
<td>Integrative Seminar (3rd year)</td>
<td>2</td>
</tr>
</tbody>
</table>

**Administration and Policy**

Select three of the following: 9

- EM 812 Disaster Management Principles and Practice
- EM 814 Interdisciplinary Disaster Theory and Research
- EM 823 Institutional Context and Emergency Management Policy
- EM 825 Systems Thinking and Applications in Emergency Management

**Practice Areas**

Select two of the following: 6

- EM 832 Hazards Risk Management and Community Resilience
- EM 834 Risk-Based Response and Recovery Strategy Development and Operations
- EM 843 Emergency Management Program Management

**Research Methods and Statistics**

Select four of the following: 12

- EM 853 Research Design
- EM 855 Advanced Data Analysis
- EM 862 Cost-Benefit Analysis
- EM 864 Qualitative Research
- EM 866 Evaluation Research
- EM 868 Directed Research
- EM 869 Directed Research

**Electives**

Select three of the following: 9

- EM 871 Voluntary and Nonprofit Disaster Management
- EM 873 Health Care Systems in Disaster
- EM 875 Risk Communication
- EM 877 Crisis Leadership and Management
- EM 878 IT Applications for Emergency Management
- EM 879 Spatial Analysis and GIS for Emergency Management
- EM 882 Directed Study
- EM 884 Directed Study
- EM 886 Directed Study

**Dissertation**

- EM 899 Dissertation Research (must be repeated at least six times)

**Total Hours** 60

**60 Doctoral Semester Hours Required for this Degree**

**Graduation**

All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

**Emergency Management (Master of Science)**

**Application Deadlines**

Deadline dates for applications and receipt of all required application materials are:

- **Date**       | **Event**               |
- July 1         | Fall Admission          |
- November 1     | Spring Admission        |
- April 1        | Summer Admission        |

Any exceptions to these deadlines must be granted by the graduate program chair.

**Application Materials Required for the MS with a Major in Emergency Management**

Applicants for the MS with a major in Emergency Management must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. A statement of purpose/interest that shows why the MS degree is important to the applicant, what the applicant will bring to the program, and how the degree will benefit the applicant’s career aspirations.
5. A professional resume including academic history, employment, and voluntary/community work.
6. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

**Admission Requirements for the MS with a Major in Emergency Management**

A particular undergraduate major is not specified for admission to the program. Applicants must meet one of the following requirements:

**Unconditional Admission**

- Applicants with an undergraduate GPA of 3.00 or higher will be unconditionally admitted.

**Conditional Admission**

- Applicants with an undergraduate GPA of 2.50 to 2.99 will be conditionally admitted.
• Any applicant failing to meet the requirement for unconditional admission may be conditionally admitted with the recommendation of the graduate faculty in the applicant’s major.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MS with a Major in Emergency Management

An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

A total of 30 graduate semester hours is required for the degree with 21 required hours of emergency management courses and nine hours of approved emergency management electives.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM 505</td>
<td>Foundations of Emergency Management</td>
<td>3</td>
</tr>
<tr>
<td>EM 525</td>
<td>Disaster Recovery</td>
<td>3</td>
</tr>
<tr>
<td>EM 530</td>
<td>Research Methods in Emergency Management</td>
<td>3</td>
</tr>
<tr>
<td>EM 540</td>
<td>Hazard Mitigation</td>
<td>3</td>
</tr>
<tr>
<td>EM 545</td>
<td>Emergency Preparedness</td>
<td>3</td>
</tr>
<tr>
<td>EM 555</td>
<td>Disaster Response</td>
<td>3</td>
</tr>
<tr>
<td>EM 590</td>
<td>Capstone in Emergency Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives

Select nine hours of the following: 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM 511</td>
<td>Disasters and the Media</td>
</tr>
<tr>
<td>EM 515</td>
<td>Legal Aspects of Emergency Management</td>
</tr>
<tr>
<td>EM 521</td>
<td>Exercise Design and Evaluation</td>
</tr>
<tr>
<td>EM 526</td>
<td>Advanced Radiological Incident Operations</td>
</tr>
<tr>
<td>EM 535</td>
<td>Terrorism and Homeland Security</td>
</tr>
<tr>
<td>EM 548</td>
<td>Vulnerability and Capacity-Building</td>
</tr>
<tr>
<td>EM 565</td>
<td>Management Systems in Disaster</td>
</tr>
<tr>
<td>EM 568</td>
<td>Crisis Management for Business and Industry</td>
</tr>
<tr>
<td>EM 570</td>
<td>Biosecurity</td>
</tr>
<tr>
<td>EM 575</td>
<td>Medical Aspects of Emergency Management</td>
</tr>
<tr>
<td>EM 576</td>
<td>Healthcare Leadership for All Hazards Incidents</td>
</tr>
<tr>
<td>EM 578</td>
<td>Advanced Public Information Officer for Health and Hospital Emergencies</td>
</tr>
<tr>
<td>EM 580</td>
<td>Current Issues in Homeland Security</td>
</tr>
<tr>
<td>EM 581</td>
<td>Disaster Analysis</td>
</tr>
<tr>
<td>EM 595</td>
<td>Directed Studies</td>
</tr>
<tr>
<td>EM 596</td>
<td>Internship</td>
</tr>
<tr>
<td>EM 598</td>
<td>Emergency Management Leadership and Organizational Behavior</td>
</tr>
</tbody>
</table>

Total Hours 30

30 Graduate Semester Hours Required for this Degree

1 Elective courses should be based on student interest and career objectives and are to be chosen from any 500 level emergency management elective offerings at JSU.

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Emergency Management (Graduate Certificate)

This certificate provides students with graduate level instruction in homeland security and balances conceptual knowledge in emergency management with skill acquisition in crisis management, hazard assessment, and other analytic and management skills.

A student who completes the graduate certificate may apply the 15 hours of credit toward the MS with a major in Emergency Management, the MPA with a concentration in Emergency Management, or the MA with a major in Integrated Studies. All coursework for the MS, MPA, or MA must be completed within six years. Hours earned through a graduate certificate program may only be applied to one graduate degree.

Please review our Graduate Certificate Disclosure (http://www.jsu.edu/graduate/disclosure.html) information.

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the Graduate Certificate in Emergency Management

Applicants for the Graduate Certificate in Emergency Management must submit all the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from the postsecondary institutions awarding the bachelor’s degree. (Students who have previously attended JSU do not need to request a transcript from the university.)
Admission Requirements for the Graduate Certificate in Emergency Management

Applicants are admitted on a selective basis upon review of the completed application package.

Minimum Requirements for the Graduate Certificate in Emergency Management

An overall 3.00 GPA is required on all coursework attempted for the graduate certificate. Transfer credit is not accepted toward a graduate certificate program.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM 505</td>
<td>Foundations of Emergency Management</td>
<td>3</td>
</tr>
<tr>
<td>EM 525</td>
<td>Disaster Recovery</td>
<td>3</td>
</tr>
<tr>
<td>EM 540</td>
<td>Hazard Mitigation</td>
<td>3</td>
</tr>
<tr>
<td>EM 545</td>
<td>Emergency Preparedness</td>
<td>3</td>
</tr>
<tr>
<td>EM 555</td>
<td>Disaster Response</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

15 Graduate Semester Hours Required for this Certificate

Graduation and Comprehensive Exam

No comprehensive exam is required for this Graduate Certificate. All students must apply for certificate completion (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to complete. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Department of Political Science and Public Administration

Department Head: Dr. Timothy Barnett, tbarnett@jsu.edu

MPA Program Director: Dr. Dan Krejci, dkrejci@jsu.edu

The Department of Political Science and Public Administration offers core courses and an area of concentration in Political Science within the Master of Public Administration (MPA) degree program and supporting courses for the Master of Arts (MA) with a major in Integrated Studies. For students majoring in Secondary Education with a teaching field in General Social Studies, supporting courses are offered for the Master of Science in Education (MSE).

- Public Administration - Administrative Management (Master of Public Administration) (p. 137)
- Public Administration - Criminal Justice (Master of Public Administration) (p. 139)
- Public Administration - Education (Master of Public Administration) (p. 140)
- Public Administration - Emergency Management (Master of Public Administration) (p. 142)
- Public Administration - Political Science (Master of Public Administration) (p. 143)

Professor

Barnett, Timothy J. (p. 164)
Lester, William (p. 169)
Owens, Lori (p. 170)

Associate Professor

Hathaway, Paul L. (p. 167)
Krejci, Daniel T. (p. 168)
Saeki, Manabu (p. 171)

Assistant Professor

Gross, Benjamin I. (p. 166)

Public Administration - Administrative Management (Master of Public Administration)

The mission of Jacksonville State University’s MPA Program is to provide a diverse student population with the knowledge and core competencies to become effective public administrators. Through the use of a standardized public administration curriculum and interdisciplinary cooperation, our program is able to prepare students for leadership roles in a variety of public and non-profit organizations. Utilizing traditional classroom and online formats, our program is able to provide quality graduate education that promotes the values and ideals of public service to all students.

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MPA with a Concentration in Administrative Management

Applicants for the MPA must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602
1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
   Only applicants who do not meet the criteria for unconditional admission and have a cumulative undergraduate GPA between 2.75 and 2.99 must submit test scores for the GRE, MAT, or GMAT to be considered for conditional admission.
5. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
6. A statement of purpose/interest that shows why the MPA degree is important to the applicant, what the applicant will bring to the program, and how the degree will benefit the applicant’s career aspirations.
7. A professional resume, including academic history, employment, and voluntary/community work. Applicants with at least one year of full-time (or two years of part-time) administrative experience working for a federal, state, or local government, or a nonprofit organization, must include this experience on their resumes. Applicants should also provide a letter of reference from the federal, state, or local government agency or nonprofit organization. This letter must be on agency letterhead stating the job title, dates of employment, and nature of administrative experience and responsibilities.
8. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

### Admission Requirements for the MPA with a Concentration in Administrative Management

A particular undergraduate major is not specified for admission to this program.

#### Unconditional Admission

To be considered for unconditional admission, applicants must meet one of the following:

- A cumulative undergraduate GPA of 3.00 or higher on a 4.00 scale or
- A cumulative graduate GPA of 3.00 or higher on a 4.00 scale for applicants holding a graduate degree from an accredited institution

#### Conditional Admission

- Applicants who do not meet the criteria for unconditional admission and have a cumulative undergraduate GPA between 2.75 and 2.99 must submit test scores for the GRE, MAT, or GMAT to be considered for conditional admission.
- Applicants may be eligible for conditional admission to the program with a GRE mean score equal to or greater than 145, a MAT score equal to or greater than 375, or a GMAT score equal to or greater than 400.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

### Minimum Requirements for the MPA with a Concentration in Administrative Management

An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required Public Administration Courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSC 500</td>
<td>Foundations of Public Administration (Taken within the first two semesters)</td>
<td>3</td>
</tr>
<tr>
<td>PSC 501</td>
<td>The Analysis of Policy</td>
<td>3</td>
</tr>
<tr>
<td>PSC 502</td>
<td>Research Methods in Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>PSC 504</td>
<td>Administrative Leadership and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PSC 531</td>
<td>Public Personnel Administration</td>
<td>3</td>
</tr>
<tr>
<td>PSC 532</td>
<td>Public Finance Administration</td>
<td>3</td>
</tr>
<tr>
<td>PSC 540</td>
<td>Organizational Theory and Bureaucratic Structure</td>
<td>3</td>
</tr>
<tr>
<td>PSC 546</td>
<td>Diversity in the Workplace</td>
<td>3</td>
</tr>
<tr>
<td>PSC 597</td>
<td>Public Affairs Internship (If required — if not, then the student will take a three semester hour public administration elective course by advisement)</td>
<td>3</td>
</tr>
</tbody>
</table>

| Administrative Management Concentration Courses                                    |
| Select twelve semester hours of the following:                                  | 12 |
| MGT 504      | Business Organization and Administration            |       |
| MGT 537      | Business Leadership                                |       |
| BA 501       | Organizational Communication                        |       |
| Administartive Management course by advisement                                    | 1   |

| Total Hours | 39 |

#### 39 Graduate Semester Hours Required for this Degree

1. The remaining Administrative Management required course, as noted above, will be selected from any of the School of Business and Industry classes for which the student has met all prerequisites. This will be determined for each student based on interaction with their Administrative Management concentration advisor.

### Internship Requirements

- All degree candidates without a year of full-time (or two years of part-time) administrative experience in a federal, state, or local government agency or nonprofit organization must register for three semester hours of internship credit. The course PSC 597 Public Affairs Internship (3) requires 112 hours of work in the student’s internship area during the semester in which the course is taken. Students may complete internship responsibilities in a government agency (federal, state, or local) or a nonprofit organization. Upon successful completion of the internship, students receive a passing grade for PSC 597 Public Affairs Internship (3) (i.e., a Pass/Fail course).
• Students taking the PSC 597 Public Affairs Internship (3) must enroll in the course during their last semester of coursework.

• Students who have at least one year full-time or two years of part-time prior administrative experience with a government agency (federal, state, or local) or nonprofit organization may request a waiver of the internship requirement. (Length of relevant administrative experience is considered at the time applicants seek admission to the MPA program.) A student with appropriate administrative experience may submit a letter from his/her employer to the MPA Program Director or Graduate Student Adviser. This letter should include the time frame the student has worked for the organization and the student’s primary duties. Once the letter is received, an internship waiver will be considered. The approval authority for the internship waiver is the MPA Program Director.

• The overall goal of the internship requirement is to ensure that all MPA students have appropriate prior administrative experience. This experience ensures that MPA students have acquired sufficient exposure to the public sector and its values prior to the awarding of the MPA degree.

Graduation and Comprehensive Exam
A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Public Administration - Criminal Justice (Master of Public Administration)
The mission of Jacksonville State University’s MPA Program is to provide a diverse student population with the knowledge and core competencies to become effective public administrators. Through the use of a standardized public administration curriculum and interdisciplinary cooperation, our program is able to prepare students for leadership roles in a variety of public and non-profit organizations. Utilizing traditional classroom and on-line formats, our program is able to provide quality graduate education that promotes the values and ideals of public service to all students.

Application Deadlines
Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
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</tr>
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<td>April 1</td>
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</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MPA with a Concentration in Criminal Justice
Applicants for the MPA must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://graduate.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
5. Only applicants who do not meet the criteria for unconditional admission and have a cumulative undergraduate GPA between 2.75 and 2.99 must submit test scores for the GRE, MAT, or GMAT to be considered for conditional admission.
6. A statement of purpose/interest that shows why the MPA degree is important to the applicant, what the applicant will bring to the program, and how the degree will benefit the applicant’s career aspirations.
7. A professional resume, including academic history, employment, and voluntary/community work. Applicants with at least one year of full-time (or two years of part-time) administrative experience working for a federal, state, or local government, or a nonprofit organization, must include this experience on their resumes. Applicants should also provide a letter of reference from the federal, state, or local government agency or nonprofit organization. This letter must be on agency letterhead stating the job title, dates of employment, and nature of administrative experience and responsibilities.
8. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MPA with a Concentration in Criminal Justice
A particular undergraduate major is not specified for admission to this program.

Unconditional Admission
To be considered for unconditional admission, applicants must meet one of the following:
• A cumulative undergraduate GPA of 3.00 or higher on a 4.00 scale or
• A cumulative graduate GPA of 3.00 or higher on a 4.00 scale for
  applicants holding a graduate degree from an accredited institution

Conditional Admission
• Applicants who do not meet the criteria for unconditional admission
  and have a cumulative undergraduate GPA between 2.75 and 2.99
  must submit test scores for the GRE, MAT, or GMAT to be considered
  for conditional admission.
• Applicants may be eligible for conditional admission to the program
  with a GRE mean score equal to or greater than 145, a MAT score
  equal to or greater than 375, or a GMAT score equal to or greater than
  400.

Applicants who are granted conditional admission must achieve a GPA
of at least 3.00 on the first 12 graduate hours attempted. Failure to meet
these conditions will result in the student being dropped from graduate
studies.

Minimum Requirements for the MPA with
a Concentration in Criminal Justice
An overall 3.00 GPA is required on all coursework attempted for the
master’s degree. Transfer credit cannot be used to raise the GPA to the
required 3.00.

Course Title Credits
Required Public Administration Courses
PSC 500 Foundations of Public Administration (Taken
within the first two semesters) 3
PSC 501 The Analysis of Policy 3
PSC 502 Research Methods in Public Administration 3
PSC 504 Administrative Leadership and Ethics 3
PSC 531 Public Personnel Administration 3
PSC 532 Public Finance Administration 3
PSC 540 Organizational Theory and Bureaucratic Structure 3
PSC 546 Diversity in the Workplace 3
PSC 597 Public Affairs Internship (If required — if not, then
the student will take a three semester hour public
administration elective course by advisement) 3

Criminal Justice Concentration
Select twelve semester hours of the following: 12
CJ 500 Seminar in Contemporary Criminal Justice Issues
CJ 507 Seminar in Legal Issues
  or CJ 509 Criminal Justice Planning, Evaluation, and Grant-
  Writing

Six semester hours of Criminal Justice courses by advisement

39 Graduate Semester Hours are Required for this Degree

Internship Requirements
• All degree candidates without a year of full-time (or two years of
  part-time) administrative experience in a federal, state, or local
  government agency or nonprofit organization must register for three
  semester hours of internship credit. The course PSC 597 Public
  Affairs Internship (3) requires 112 hours of work in the student’s
  internship area during the semester in which the course is taken.
  Students may complete internship responsibilities in a government
  agency (federal, state, or local) or a nonprofit organization. Upon
  successful completion of the internship, students receive a passing
  grade for PSC 597 Public Affairs Internship (3) (i.e., a Pass/Fail
  course).
• Students taking the PSC 597 Public Affairs Internship (3) must enroll
  in the course during their last semester of coursework.
• Students who have at least one year full-time or two years of
  part-time prior administrative experience with a government
  agency (federal, state, or local) or nonprofit organization may
  request a waiver of the internship requirement. (Length of relevant
  administrative experience is considered at the time applicants
  seek admission to the MPA program.) A student with appropriate
  administrative experience may submit a letter from his/her employer
to the MPA Program Director or Graduate Student Adviser. This
  letter should include the time frame the student has worked for
  the organization and the student’s primary duties. Once the letter
  is received, an internship waiver will be considered. The approval
  authority for the internship waiver is the MPA Program Director.
• The overall goal of the internship requirement is to ensure that all
  MPA students have appropriate prior administrative experience.
  This experience ensures that MPA students have acquired sufficient
  exposure to the public sector and its values prior to the awarding of
  the MPA degree.

Graduation and Comprehensive Exam
A comprehensive exam is required for this degree; please see the
graduate advisor for full details. All students must apply for graduation
(http://www.jsu.edu/graduate/graduation.html) by the given deadline of
the semester (http://www.jsu.edu/registrar/academic-calendar/) in which
they plan to graduate. Please see the Graduation and Comprehensive
Exam (p. 17) section of this catalog for more information.

Public Administration - Education
(Master of Public Administration)
The mission of Jacksonville State University’s MPA Program is to provide
a diverse student population with the knowledge and core competencies
to become effective public administrators. Through the use of a
standardized public administration curriculum and interdisciplinary
cooperation, our program is able to prepare students for leadership roles
in a variety of public and non-profit organizations. Utilizing traditional
classroom and on-line formats, our program is able to provide quality
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Application Deadlines
Deadline dates for applications and receipt of all required application
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Any exceptions to these deadlines must be granted by the graduate
program chair.
Application Materials Required for the MPA with a Concentration in Education

Applicants for the MPA must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://graduate.jsu.edu/apply/account/login/).
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8. International student applicants must see the International Student Recruiter.jsu.edu/Apply/Account/Login/.

Admission Requirements for the MPA with a Concentration in Education

A particular undergraduate major is not specified for admission to this program.

Unconditional Admission

To be considered for unconditional admission, applicants must meet one of the following:

• A cumulative undergraduate GPA of 3.00 or higher on a 4.00 scale or
• A cumulative graduate GPA of 3.00 or higher on a 4.00 scale for applicants holding a graduate degree from an accredited institution

Conditional Admission

• Applicants who do not meet the criteria for unconditional admission and have a cumulative undergraduate GPA between 2.75 and 2.99 must submit test scores for the GRE, MAT, or GMAT to be considered for conditional admission.
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Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MPA with a Concentration in Education

An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

<table>
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<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC 500</td>
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<td>3</td>
</tr>
<tr>
<td>PSC 501</td>
<td>The Analysis of Policy</td>
<td>3</td>
</tr>
<tr>
<td>PSC 502</td>
<td>Research Methods in Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>PSC 504</td>
<td>Administrative Leadership and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PSC 531</td>
<td>Public Personnel Administration</td>
<td>3</td>
</tr>
<tr>
<td>PSC 532</td>
<td>Public Finance Administration</td>
<td>3</td>
</tr>
<tr>
<td>PSC 540</td>
<td>Organizational Theory and Bureaucratic Structure</td>
<td>3</td>
</tr>
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<td>Diversity in the Workplace</td>
<td>3</td>
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<td>PSC 597</td>
<td>Public Affairs Internship (If required — if not, then the student will take a three semester hour public administration elective course by advisement)</td>
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</tr>
</tbody>
</table>

Education Concentration Courses

Select 12-13 semester hours from the following: 12-13

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 500</td>
<td>Introduction to Graduate Education and Technology (Discipline specific section required first semester of enrollment)</td>
</tr>
</tbody>
</table>

Select four courses from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFD 500</td>
<td>Research in Education</td>
</tr>
<tr>
<td>EFD 531</td>
<td>Philosophy of Education</td>
</tr>
<tr>
<td>EFD 532</td>
<td>Social Foundations of Education</td>
</tr>
<tr>
<td>EFD 560</td>
<td>Psychological Principles of Learning</td>
</tr>
<tr>
<td>EIM 503</td>
<td>Technology-Enhanced Teaching and Learning</td>
</tr>
</tbody>
</table>

Total Hours 39-40

39-40 Graduate Semester Hours Required for this Degree
If a graduate student has not completed ED 500 Introduction to Graduate Education and Technology (1) (discipline specific section), the student must complete this course as a corequisite for the first semester of enrollment in Education courses.

**Internship Requirements**

- All degree candidates without a year of full-time (or two years of part-time) administrative experience in a federal, state, or local government agency or nonprofit organization must register for three semester hours of internship credit. The course PSC 597 Public Affairs Internship (3) requires 112 hours of work in the student’s internship area during the semester in which the course is taken. Students may complete internship responsibilities in a government agency (federal, state, or local) or a nonprofit organization. Upon successful completion of the internship, students receive a passing grade for PSC 597 Public Affairs Internship (3) (i.e., a Pass/Fail course).
- Students taking the PSC 597 Public Affairs Internship (3) must enroll in the course during their last semester of coursework.
- Students who have at least one year full-time or two years of part-time prior administrative experience with a government agency (federal, state, or local) or nonprofit organization may request a waiver of the internship requirement. (Length of relevant administrative experience is considered at the time applicants seek admission to the MPA program.) A student with appropriate administrative experience may submit a letter from his/her employer to the MPA Program Director or Graduate Student Adviser. This letter should include the time frame the student has worked for the organization and the student’s primary duties. Once the letter is received, an internship waiver will be considered. The approval authority for the internship waiver is the MPA Program Director.
- The overall goal of the internship requirement is to ensure that all MPA students have appropriate prior administrative experience. This experience ensures that MPA students have acquired sufficient exposure to the public sector and its values prior to the awarding of the MPA degree.

**Graduation and Comprehensive Exam**

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation by the given deadline of the semester in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

**Public Administration - Emergency Management (Master of Public Administration)**

The mission of Jacksonville State University’s MPA Program is to provide a diverse student population with the knowledge and core competencies to become effective public administrators. Through the use of a standardized public administration curriculum and interdisciplinary cooperation, our program is able to prepare students for leadership roles in a variety of public and non-profit organizations. Utilizing traditional classroom and on-line formats, our program is able to provide quality graduate education that promotes the values and ideals of public service to all students.

**Application Deadlines**

Deadline dates for applications and receipt of all required application materials are:

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Any exceptions to these deadlines must be granted by the graduate program chair.

**Application Materials Required for the MPA with a Concentration in Emergency Management**

Applicants for the MPA must submit all of the following documentation to Graduate Admissions to be considered for admission:

1. Completed JSU Graduate Application for Admission (https://grrecruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
   Only applicants who do not meet the criteria for unconditional admission and have a cumulative undergraduate GPA between 2.75 and 2.99 must submit test scores for the GRE, MAT, or GMAT to be considered for conditional admission.
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8. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MPA with a Concentration in Emergency Management

A particular undergraduate major is not specified for admission to this program.

Unconditional Admission

To be considered for unconditional admission, applicants must meet one of the following:

- A cumulative undergraduate GPA of 3.00 or higher on a 4.00 scale or
- A cumulative graduate GPA of 3.00 or higher on a 4.00 scale for applicants holding a graduate degree from an accredited institution

Conditional Admission

- Applicants who do not meet the criteria for unconditional admission and have a cumulative undergraduate GPA between 2.75 and 2.99 must submit test scores for the GRE, MAT, or GMAT to be considered for conditional admission.
- Applicants may be eligible for conditional admission to the program with a GRE mean score equal to or greater than 145, a MAT score equal to or greater than 375, or a GMAT score equal to or greater than 400.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MPA with a Concentration in Emergency Management

An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

Course Title Credits

**Required Public Administration Courses**

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</table>

**Emergency Management Concentration Courses**

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<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>EM 505</td>
<td>Foundations of Emergency Management</td>
</tr>
</tbody>
</table>

**Select two of the following:**

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<tr>
<td>EM 525</td>
<td>Disaster Recovery</td>
</tr>
<tr>
<td>EM 540</td>
<td>Hazard Mitigation</td>
</tr>
<tr>
<td>EM 545</td>
<td>Emergency Preparedness</td>
</tr>
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<td>EM 555</td>
<td>Disaster Response</td>
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Total Hours: 39

39 Graduate Semester Hours Required for this Degree

Internship Requirements

- All degree candidates without a year of full-time (or two years of part-time) administrative experience in a federal, state, or local government agency or nonprofit organization must register for three semester hours of internship credit. The course PSC 597 Public Affairs Internship (3) requires 112 hours of work in the student's internship area during the semester in which the course is taken. Students may complete internship responsibilities in a government agency (federal, state, or local) or a nonprofit organization. Upon successful completion of the internship, students receive a passing grade for PSC 597 Public Affairs Internship (3) (i.e., a Pass/Fail course).
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Graduation and Comprehensive Exam

A comprehensive exam is required for this degree; please see the graduate advisor for full details. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Public Administration - Political Science (Master of Public Administration)

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Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MPA with a Concentration in Political Science
Applicants for the MPA must submit all of the following documentation to Graduate Admissions:

- **Graduate Admissions**
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1. Completed JSU Graduate Application for Admission ([https://gr-recruiter.jsu.edu/Apply/Account/Login/](https://gr-recruiter.jsu.edu/Apply/Account/Login/)).
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3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Official test scores on the General Test of the Graduate Record Exam (GRE) ([https://www.ets.org/gre/](https://www.ets.org/gre/)), the Miller Analogies Test (MAT) ([https://www.pearsonassessments.com/graduate-admissions/mat/about.html](https://www.pearsonassessments.com/graduate-admissions/mat/about.html)), or the Graduate Management Admission Test (GMAT) ([https://www.mba.com/exams/gmat/](https://www.mba.com/exams/gmat/)).
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Admission Requirements for the MPA with a Concentration in Political Science
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Unconditional Admission
To be considered for unconditional admission, applicants must meet one of the following:

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Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MPA with a Concentration in Political Science
An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

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Political Science Concentration Courses
Select twelve semester hours of the following:
The Psychology Department offers courses leading to the Master of Science (MS) degree in Psychology with an emphasis in Applied Behavior Analysis. Included in the curriculum are a broad range of behaviorally focused courses. The purpose of this degree is to prepare students for careers in the application of behavior analytic techniques to the behavioral habilitation of diverse populations. The Association for Behavior Analysis International has verified the following course sequence as meeting the coursework requirements for eligibility to take the Board Certified Behavior Analyst Examination®:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 508</td>
<td>Personnel Supervision and Management</td>
<td>3</td>
</tr>
<tr>
<td>PSY 511</td>
<td>Conceptual Foundations of Behavior Analysis</td>
<td>3</td>
</tr>
<tr>
<td>PSY 521</td>
<td>Functional Assessment</td>
<td>3</td>
</tr>
<tr>
<td>PSY 528</td>
<td>Applied Behavior Analysis I</td>
<td>3</td>
</tr>
<tr>
<td>PSY 529</td>
<td>Applied Behavior Analysis II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 530</td>
<td>Single-Subject Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>PSY 538</td>
<td>Ethics and Professional Development</td>
<td>3</td>
</tr>
</tbody>
</table>

Applicants will have to meet additional experience requirements to qualify for national certification and state licensure.

- Psychology (Master of Science) (p. 145)

**Professor**

Dempsey, Heidi L. (p. 165)

Palya, William L. (p. 170)

**Associate Professor**

McKerchar, Paige (p. 169)

McKerchar, Todd (p. 169)

Robertson, Shannon E. (p. 171)

**Assistant Professor**

Bayles, Makenzie (p. 164)

Bruzek, Jennifer L. (p. 165)

**Psychology (Master of Science)**

**Application Deadlines**

Students are accepted in fall semesters only. For priority consideration, submit all of the following application materials before April 1; the final deadline is July 1.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>July 1</td>
<td>Final Deadline</td>
</tr>
</tbody>
</table>

Applications completed after July 1 will be considered for admission in the fall semester of the following year.
Application Materials Required for the MS with a Major in Psychology

Applicants for the MS with a major in Psychology must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Official scores on the General Test of the Graduate Record Exam (GRE) (http://www.ets.org/gre/) taken within five (6) years immediately preceding enrollment.
5. Three (3) Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
6. A curriculum vitae including education, employment, and other applicable psychology-related experience/skills (e.g., practicum/research experience, presentations, publications).
7. Letter of intent describing reasons for pursuing a master's degree with a major in Psychology at JSU.
8. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MS with a Major in Psychology

Admission to the M.S. in Psychology program is determined on a selective basis after careful review of all application materials. Applicants may be required to interview with the Psychology Graduate Committee so that additional information can be gathered before a final admission decision is made. Meeting the minimum standards for consideration for admission does not guarantee admission to the program, and the Psychology Graduate Committee reserves the right to make exceptions to admission requirements.

Unconditional Admission

- Unconditional admission is determined by the Psychology Graduate Committee. Applicants with at least a 3.5 undergraduate GPA, GRE score of 300, and undergraduate coursework in applied behavior analysis or experience working under a Board Certified Behavior Analyst will be given priority.

Conditional Admission

- Any applicant failing to meet the requirements for unconditional admission may be conditionally admitted with the recommendation of the Psychology Graduate Committee.
- Applicants are only admitted by this option if there are spaces available in the program.

Degree Progression Requirements for the MS with a Major in Psychology

The following degree progression requirements apply to all students accepted into the M.S. in Psychology program:

- Adhere to the standards of conduct specified in the Behavior Analyst Certification Board’s Professional and Ethical Compliance Code for Behavior Analysts.
- Maintain a cumulative GPA of at least 3.50 or obtain approval from the Psychology Graduate Committee. (At least an overall 3.00 GPA is required on all coursework attempted for the master's degree to remain in Graduate Studies. Transfer credit cannot be used to raise the GPA to the required 3.00.)
- Successfully complete a mid-program review with members of the Psychology Curriculum Committee, including an academic assessment, following completion of the program's core courses.
- Enroll continuously until the degree is complete (may be exceptions in special circumstances).

Minimum Requirements for the MS with a Major in Psychology

The Psychology Graduate Committee will evaluate each student’s undergraduate coursework and experience to determine which foundation courses are required in addition to graduate coursework. Although grades achieved in undergraduate foundation courses will not be included in the computation of the graduate GPA, students must earn a grade of B or better in each foundation course if taken after completion of their bachelor’s degree.

Undergraduate Foundation Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 201</td>
<td>Principles of Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 301</td>
<td>Research Methods and Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

Course in behavior analysis or learning

Non-Thesis Option

A minimum of 39 graduate semester hours of psychology courses, plus additional foundation courses for students without adequate undergraduate preparation; successful completion of a comprehensive examination; and a minimum grade point average of 3.00 on a 4.00 scale in all graduate coursework are required. The 39 graduate semester hours of psychology courses for the non-thesis option must include the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 508</td>
<td>Personnel Supervision and Management</td>
<td>3</td>
</tr>
<tr>
<td>PSY 511</td>
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<td>3</td>
</tr>
<tr>
<td>PSY 521</td>
<td>Functional Assessment</td>
<td>3</td>
</tr>
<tr>
<td>PSY 528</td>
<td>Applied Behavior Analysis I</td>
<td>3</td>
</tr>
<tr>
<td>PSY 529</td>
<td>Applied Behavior Analysis II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 530</td>
<td>Single-Subject Research Methods</td>
<td>3</td>
</tr>
</tbody>
</table>
Thirty-nine Graduate Semester Hours Required for this Degree

Nine hours are electives in psychology chosen from psychology graduate courses, which must meet the following requirements:

- Students must complete PSY 504 Graduate Behavior Analysis Lab (1) as an additional one credit elective and earn a grade of B or better if they have not taken PSY 221 Behavior Analysis Lab (1) or an equivalent laboratory course at the undergraduate level. If students have already received credit for this course at the undergraduate level, they may not enroll and receive graduate credit in it.
- Students must complete PSY 450 History and Systems of Psychology (3-4) as an elective if they have not taken PSY 450 History and Systems of Psychology (3-4) or an equivalent course at the undergraduate level. If students have already received credit for this course at the undergraduate level, they may not enroll and receive graduate credit in it.
- Completion of Psychology graduate courses numbered 570-595 will not count towards degree requirements for students completing the non-thesis option.
- Only six hours in Psychology graduate courses numbered 570-595 may count toward degree requirements.

Thesis Option

A minimum of 39 graduate semester hours of psychology courses, plus additional foundation courses for students without adequate undergraduate preparation; successful completion of a thesis and oral defense; and a minimum grade point average of 3.00 on a 4.00 scale in all graduate coursework is required. The 39 graduate semester hours of psychology courses for the thesis option must include the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 508</td>
<td>Personnel Supervision and Management</td>
<td>3</td>
</tr>
<tr>
<td>PSY 511</td>
<td>Conceptual Foundations of Behavior Analysis</td>
<td>3</td>
</tr>
<tr>
<td>PSY 521</td>
<td>Functional Assessment</td>
<td>3</td>
</tr>
<tr>
<td>PSY 528</td>
<td>Applied Behavior Analysis I</td>
<td>3</td>
</tr>
<tr>
<td>PSY 529</td>
<td>Applied Behavior Analysis II</td>
<td>3</td>
</tr>
<tr>
<td>PSY 530</td>
<td>Single-Subject Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>PSY 534</td>
<td>Experimental Analysis of Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PSY 538</td>
<td>Ethics and Professional Development</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives

Select nine hours of electives in psychology. The 39 graduate semester hours of psychology courses, which must meet the following requirements:

- Students must complete PSY 504 Graduate Behavior Analysis Lab (1) as an additional one credit elective and earn a grade of B or better if they have not taken PSY 221 Behavior Analysis Lab (1) or an equivalent laboratory course at the undergraduate level. If students have already received credit for this course at the undergraduate level, they may not enroll and receive graduate credit in it.
- Students must complete PSY 450 History and Systems of Psychology (3-4) as an elective if they have not taken PSY 450 History and Systems of Psychology (3-4) or an equivalent course at the undergraduate level. If students have already received credit for this course at the undergraduate level, they may not enroll and receive graduate credit in it.
- Completion of Psychology graduate courses numbered 570-595 will not count towards degree requirements for students completing the thesis option.

Thesis students should contact Graduate Studies to receive an orientation to the thesis process prior to enrolling in the first three semester hours of thesis, 599. This orientation can be completed either in person or via email. The purpose of the orientation is to provide the thesis student with information concerning required forms, due dates, and to answer any questions concerning thesis options and/or procedure. For further information concerning this orientation, please contact LaRilda VanSandt, vansandt@jsu.edu, 322 Bibb Graves, (256) 782-5345. See Thesis Options and Procedures (p. 16) in this catalog for more information.
Department of Sociology and Social Work

Department Head: Dr. Maureen Newton, mnewton@jsu.edu

MSW Program Coordinator: Dr. Kimberly Wickersham, kwickersham@jsu.edu

The Department of Sociology and Social Work offers courses leading to the Master of Social Work (MSW) degree with Advanced Generalist Specialization. This degree prepares graduates to engage in independent social work practice to address local, regional, and national workforce needs for social work services, with emphasis placed on rural and non-urban communities. The program aims to provide professionals with advanced, ethical, evidence-based social work practice and professional leadership skills at all practice levels with the goal of improving individual and societal well-being.

The Master of Social Work (MSW) program is offered in a hybrid/blended format. This design gives students a combination of learning formats, including, but not limited to, online and lecture learning. The program emphasizes a full range of high quality experiences throughout the curriculum in terms of innovative courses, creative field work/internships, relevant research, service-learning activities, and dynamic faculty-student, student-student, and community-student relationships that will prepare graduates for successful social work careers.

The program is guided by the institutional mission, program mission, professional purpose, the Council on Social Work Education (CSWE) Educational Policy and Accreditation Standards, and the National Association of Social Workers (NASW) Code of Ethics.

Two graduate degree plans exist for the Master of Social Work:

1. Traditional Two-Year MSW Degree Program (60 hours). This program is for students who do not have an undergraduate degree in social work from a program accredited by the Council on Social Work Education (CSWE) or who do not meet the academic admissions criteria to be eligible for the One-Year Advanced Standing MSW Degree Program.
2. One-Year Advanced Standing MSW Degree Program (39 hours). This program is for students who have graduated with an undergraduate degree in social work from an academic program accredited by the Council on Social Work Education (CSWE) and meet the admission/eligibility criteria set forth by the JSU social work program.

For more information specific to the MSW program, please contact the Department of Sociology and Social Work, (256) 782-8208 or visit the Social Work program website (http://www.jsu.edu/socialwork/).

• Social Work (Master of Social Work) (p. 148)

Professor
Newton, Maureen (p. 170)

Assistant Professor
Wickersham, Kimberly (p. 173)

Social Work (Master of Social Work)

Application Deadlines

Applications for the MSW program are accepted year-round.

Two-Year Traditional Program

Applicants for the Master of Social Work Two-Year Traditional Program are considered for admission and enrollment beginning in the fall semester of each academic year. All required application materials must be received by July 1. Applications received before May 15 will be given priority consideration. Applications completed after July 1 may be considered but will not receive priority and may be considered for admission in the fall semester of the following year, unless otherwise specified.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
</tbody>
</table>

One-Year Advanced Standing Program

Applicants for the Master of Social Work One-Year Advanced Standing Program are considered for admission and enrollment beginning for the summer semester of each academic year, and all required application materials must be received by April 1. Applications received before January 15 will be given priority consideration. Applications completed after April 1 may be considered but will not receive priority and may be considered for admission in the summer semester of the following year, unless otherwise specified.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Application Materials Required for the Master of Social Work

Applicants for the MSW must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Studies
Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply(Account/Login/).
The Two-Year Traditional Program is for students who:
1. Have an undergraduate social work degree from a BSW program accredited by CSWE, or
2. Meet the admissions criteria for the university and the MSW Two-Year Traditional Program.

Applicants for the MSW Two-Year Traditional Program must have an undergraduate degree from an accredited college or university with a liberal arts background, which provides preparation in the social sciences (12 hours minimum) and a curriculum that includes literature, biological and/or physical sciences, psychology, and math.

The Two-Year Traditional Program is for students who:
1. Have an undergraduate social work degree from a BSW program not accredited by CSWE, or
2. Have an undergraduate degree in a field other than social work.
3. Have an undergraduate social work degree from a BSW program accredited by CSWE, but do not meet the admissions criteria for the One-Year Advanced Standing Program, or
4. Meet the admissions criteria for the university and the MSW Two-Year Traditional Program.

The MSW Admissions Committee will review all application and admission requirements. Admission to the MSW program is determined on a selective basis. Meeting the minimum standards for consideration for admission does not guarantee admission to the MSW program. The MSW Admissions Committee may request a personal interview with applicants when deemed necessary for application evaluation.

Note: The MSW Admissions Committee reserves the right to make exceptions to admissions requirements.

One-Year Advanced Standing Program

Applicants for the MSW One-Year Advanced Standing Program must have an undergraduate degree in social work from a program accredited by the CSWE.

The One Year Advanced Standing Program is for students who:
1. Have an undergraduate degree in social work from a program accredited by CSWE, and
2. Meet the admissions criteria for the university and the MSW One-Year Advanced Standing Program.

Applicants must have a grade of "B" (3.00) or better in their BSW field education practicum and provide a copy of their previous field evaluation indicating the number of hours completed successfully. If the student is unable to obtain a copy of the field evaluation, a statement from the institution indicating the number of hours successfully completed may be submitted (this can be a copy of the page of the course catalog from the university attended that documents required number of field hours).

Applicants should have earned their BSW degree within seven years from the academic year of graduation to the academic year of enrollment. Applicants who have graduated more than seven years prior to the date of requested enrollment may be evaluated on an individual basis and considered for admission with advanced standing if consistently employed in a social work role and are practicing as a licensed baccalaureate social worker in their state of residence if this credential is available.

The MSW Admissions Committee will review all application and admission requirements. Admission to the MSW program is determined on a selective basis. Meeting the minimum standards for consideration for admission does not guarantee admission to the MSW program. The MSW Admissions Committee may request a personal interview with applicants when deemed necessary for application evaluation.

Note: The MSW Admissions Committee reserves the right to make exceptions to admissions requirements.

Unconditional Admission

- Applicants must have a minimum overall undergraduate GPA of at least 2.50 on a 4.00 scale with at least a 3.00 in the last 60 hours of the undergraduate degree.

Conditional Admission

- A student who does not meet the requirements for Unconditional Admission may be admitted on a conditional basis, provided the
student has a minimum overall undergraduate GPA of at least 2.25 on a 4.00 scale with at least a 2.75 in the last 60 hours of the undergraduate degree.

• Conditional admission requires the recommendation of the MSW Admissions Committee and approval of the MSW Program Coordinator and/or Chair of the Sociology and Social Work Department and by the Office of Graduate Studies. Students are only admitted by this option if there are spaces available in the MSW program. Conditional admission status will be reviewed and may be removed upon completion of twelve (12) hours of graduate coursework with a GPA of 3.00 or higher.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Life or Work Experience

The MSW Program does not award academic credit for life or work experience under any circumstances. There are no exceptions to this policy.

Degree Progression Policies for the Master of Social Work

All students accepted into the MSW program must:


• Enroll continuously until the degree is completed. (Exceptions may be made in special circumstances.)

• Complete field practicum (900 clock hours for Two-Year Traditional students and a minimum of 450 clock hours for One-Year Advanced Standing students) in agency settings designated by the school’s field coordinator.

Please see the MSW Program Handbook located on the Social Work Program Website (http://www.jsu.edu/socialwork/) for further information and instructions.

Minimum Requirements for the Master of Social Work

An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

The MSW curriculum is structured into two different programs: two-year traditional and one-year advanced standing. Students start as a cohort and move through the program together. The generalist required core curriculum consists of 27 credit hours and 450 hours of field placement.

Two-Year Traditional Program (60 Hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SW 505</td>
<td>Generalist Practice with Individuals</td>
<td>3</td>
</tr>
<tr>
<td>SW 506</td>
<td>Generalist Practice with Families and Groups</td>
<td>3</td>
</tr>
<tr>
<td>SW 512</td>
<td>Cultural Competence for Generalist Practice</td>
<td>3</td>
</tr>
<tr>
<td>SW 518</td>
<td>Human Behavior and the Social Environment I</td>
<td>3</td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

39 Graduate Semester Hours Required for this Degree

1 Required core curriculum course.

One-Year Advanced Standing Program (39 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer Bridge</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SW 510</td>
<td>Social Welfare Programs, Policy and Analysis 1</td>
<td>3</td>
</tr>
<tr>
<td>SW 514</td>
<td>Social Work Research and Evidence Based Practice</td>
<td>3</td>
</tr>
<tr>
<td>SW 521</td>
<td>Social Work Practices in Rural and Non-Urban Areas</td>
<td>3</td>
</tr>
<tr>
<td>SW Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SW 520</td>
<td>Psychopathology and Psychopharmacology 1</td>
<td>3</td>
</tr>
<tr>
<td>SW 524</td>
<td>Advanced Generalist Methods with Individuals and Families</td>
<td>3</td>
</tr>
<tr>
<td>SW 525</td>
<td>Advanced Generalist Methods with Groups and Organizations</td>
<td>3</td>
</tr>
<tr>
<td>SW Elective</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Spring</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SW 571</td>
<td>Field Practicum II 1 (450 hours) (32 hours a week) (2 hour bi-weekly seminar)</td>
<td>9</td>
</tr>
<tr>
<td>SW Elective(s)</td>
<td></td>
<td>6</td>
</tr>
</tbody>
</table>

Total Hours 39
Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.
SCHOOL OF SCIENCE

Dean: Dr. Tim H. Lindblom

Committed to Discovery. The School of Science at JSU offers a distinctive environment for investigation, learning, and discovery. In the classroom, laboratory, and field, our staff and faculty cultivate an atmosphere of inquiry. Alongside our students, we grapple with the big questions about our universe from a scientific perspective. With programs of study in three academic departments, we prepare undergraduate and graduate students to join the grand enterprise of discovery we call Science.

Department of Biology

Department Head: Dr. Lori Hensley, lhensley@jsu.edu

MS Program Coordinator: Dr. Sarah Wofford, swofford@jsu.edu

The Department of Biology offers courses leading to the Master of Science (MS) with a major in Biology and supporting courses for the Master of Arts (MA) with a major in Integrated Studies. For students majoring in Secondary Education with a teaching field in Biology or General Science, supporting courses are offered for the Master of Science in Education (MSE) degree.

- Biology (Master of Science) (p. 152)

Professor

Al-Hamdani, Safaa H. (p. 164)  
Blair, Benjamin G. (p. 165)  
Cline, George R. (p. 165)  
Hamissou, Mijitaba (p. 167)  
Hensley, Lori L. (p. 167)  
Lindblom, Timothy H. (p. 169)  
Murdock, Christopher (p. 170)  
Rayburn, James R. (p. 171)

Associate Professor

Sauterer, Roger (p. 171)  
Tolley-Jordan, Lori (p. 172)  
Triplett, Jimmy (p. 172)

Assistant Professor

Burns, Michael (p. 165)

Biology (Master of Science)

Students accepted to the MS with a major in Biology must decide on a track, either Non-Thesis or Thesis. Students must meet with the biology graduate program coordinator to discuss degree benchmarks and determine a track of study prior to admission into the program. An advisory committee will be selected to assist the student in developing a degree plan that satisfies university and departmental degree requirements. Requirements and benchmarks for Non-Thesis and Thesis tracks are available on the JSU Biology Department website (http://www.jsu.edu/biology/) and in the Biology Department office.

Application Deadlines

Deadline dates for applications and receipt of all required:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MS with a Major in Biology

All applicants for the MS with a major in Biology must submit the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions  
Jacksonville State University  
700 Pelham Road North  
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts(s) from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MS with a Major in Biology

Applicants to the MS with a major in Biology must meet both Graduate Studies requirements and Biology Department requirements.

Applicants to the MS with a major in Biology must have an undergraduate major in biology or its equivalent, as determined by the Biology Department, including courses equivalent to all of the following:

- BY 101 Introductory Biology I (3)
- BY 103 Introductory Biology Lab I (1)
- BY 102 Introductory Biology II (3)
- BY 104 Introductory Biology Lab II (1)
- BY 322 Genetics (4)
- BY 332 Ecology (4)
- BY 373 Cell Biology (4).
Applicants with majors in other natural sciences or mathematics will be considered for admission; however, additional courses may be required.

Unconditional Admission
To obtain unconditional admission into the MS program with a major in Biology, applicants must meet the following requirement:

• A minimum overall undergraduate GPA of 2.50 including a minimum GPA of 3.00 in the major.

Conditional Admission
Any applicant failing to meet the requirements for unconditional admission may be conditionally admitted with the recommendation of a graduate faculty sponsor(s) and approved by the graduate program committee or the department chair.

Applicants who are granted conditional admission must meet immediately with Dr. Lori Hensley, the Biology Department Head, to discuss program benchmarks and timelines. The student must also achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MS with a Major in Biology
An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

Non-Thesis Option
A minimum of 36 graduate semester hours (18 must be at the 500 level), including successful completion of an acceptable original research paper. The 36 graduate semester hours for the non-thesis option will include the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select twelve semester hours of 500-level Biology courses in which a letter grade is earned</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>BY 570 Seminar in Developmental Biology</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>BY 571 Seminar in Organismal Biology</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>BY 572 Seminar in Ecology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BY 573 Seminar in Cell Biology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BY 574 Seminar in Evolutionary Biology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BY 575 Seminar in Genetics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BY 576 Seminar in Physiology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BY 577 Seminar in Systematics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Required Research Project Course</td>
<td>BY 595 Research Project</td>
<td>3</td>
</tr>
<tr>
<td>Select eleven semester hours of committee approved electives</td>
<td>17</td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours: 36**

36 Graduate Semester Hours Required for this Degree.

Thesis Option
Space is limited for the thesis option of the program; therefore, students interested in the thesis option should contact the Chair of the Biology Department, Dr. Lori Hensley, at lhensley@jsu.edu, to inquire about applying for the thesis option after being accepted to the Master of Science in biology program.

A minimum of 30 graduate semester hours (15 hours must be at the 500 level), including successful completion of an acceptable thesis and a comprehensive examination. The 30 graduate semester hours for the thesis option will include the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select six semester hours of 500-level Biology courses in which a letter grade is earned</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Select four semester hours from the following 500-level Biology seminar courses</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BY 570 Seminar in Developmental Biology</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>BY 571 Seminar in Organismal Biology</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>BY 572 Seminar in Ecology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BY 573 Seminar in Cell Biology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BY 574 Seminar in Evolutionary Biology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BY 575 Seminar in Genetics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BY 576 Seminar in Physiology</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BY 577 Seminar in Systematics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Thesis I and II</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>BY 599 Thesis</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

**Required Biometrics or Applied Statistical Methods Course**

| BY 415 Biometrics                           | 3                                                                   |
| or MS 504 Applied Statistical Methods       | 3                                                                   |

| Select eleven semester hours of committee approved electives | 11       |

**Total Hours: 30**

30 Graduate Semester Hours Required for this Degree.

The thesis option also includes completion of a committee-directed research project. A typical research project is completed in less than three years and includes the following timeline benchmarks:

• **Year One:** Assignment of a major advisor and thesis committee, develop a research proposal (includes completion of the first BY 599 Thesis (3), meet with thesis committee.

  Thesis students should contact Graduate Studies to receive an orientation to the thesis process prior to enrolling in the first three semester hours of thesis, 599. This orientation can be completed either in person or via email. The purpose of the orientation is to provide the thesis student with information concerning required forms, due dates, and to answer any questions concerning thesis options and/or procedure. For further information concerning this orientation, please contact LaRilda VanSandt, vansandt@jsu.edu, 322 Bibb Graves, (256) 782-5345.

• **Year Two:** Completion of research project, write thesis, provide thesis committee written thesis at least three weeks prior to thesis defense.

See Thesis Options and Procedures (p. 16) in this catalog for more information.

Students not meeting benchmarks may be provided additional time as determined by their thesis committee, the department chair, or the Director of Graduate Studies. More details on thesis guidelines may be found on the JSU Biology website (http://www.jsu.edu/biology/ academic_programs.html) and in the Biology Department office.
Graduation and Comprehensive Exam
No comprehensive exam is required for the Non-Thesis Option of this degree. For students choosing the Thesis Option, the thesis defense serves as the comprehensive exam. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Department of Chemistry and Geosciences
Department Head: Dr. L. Joe Morgan, ljmorgan@jsu.edu

The Department of Chemistry and Geosciences offers supporting courses for the Master of Arts (MA) with a major in Integrated Studies. For students majoring in Secondary Education with a teaching field in General Science, supporting courses are offered for the Master of Science in Education (MSE) degree. A graduate degree program is not offered in anthropology, chemistry, geography, or physics.

Professor
Gryko, Jan (p. 167)
Hill, Miriam H. (p. 167)
Holstein, Harry (p. 167)
Morgan, L. Joe (p. 170)
Zettili, Nouredine (p. 173)

Associate Professor
Helms, Andrew B. (p. 167)
Weinkauf, Laura (p. 173)

Assistant Professor
Brock, Vicki L. Tinnon (p. 165)
McGowin, Daniel (p. 169)
Perygin, Donna (p. 170)

Department of Mathematical, Computing, and Information Sciences
Department Head: Dr. Vijaya Gompa, vgompa@jsu.edu

MS in Computer Science and Software Design Graduate Coordinator: Dr. Eric Gamess, egamess@jsu.edu

MS in Mathematics Graduate Coordinator: Dr. Youngmi Kim, ykim@jsu.edu

The Department of Mathematical, Computing, and Information Sciences offers courses leading to the Master of Science (MS) with a major in Mathematics and the Master of Science (MS) with a major in Computer Systems and Software Design with two concentrations, as well as supporting courses for the Master of Arts (MA) degree with a major in Integrated Studies. Students pursuing graduate degrees in Secondary Education who meet Mathematical, Computing, and Information Sciences Department admission requirements may take mathematics courses in their teaching field.

- Computer Systems and Software Design - General (Master of Science) (p. 154)
- Computer Systems and Software Design - Information Security and Assurance (Master of Science) (p. 156)
- Mathematics (Master of Science) (p. 158)

Distinguished Professor
Case, Janice (p. 165)

Professor
Dempsey, David W. (p. 165)
Dodd, Jeffrey J. (p. 166)
Kim, Jaedeok (p. 168)
Kim, Youngmi (p. 168)
Krishnaprasad, Sri (p. 168)
Leathrum, Thomas E. (p. 169)
Smith, Edwin H. (p. 171)

Associate Professor
Franklin, Amy P. (p. 166)
Thornton, David C. (p. 172)
Trifas, Monica (p. 172)

Computer Systems and Software Design - General (Master of Science)
Application Deadlines
Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
</tbody>
</table>

There is no Summer Admission to this program. Applications received after the deadline will be considered for the following term.

Application Materials Required for the MS with a Major in Computer Systems and Software Design - General
Applicants for the MS in CSSD must submit the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions
Jacksonville State University
700 Pelham Road North
 Admission Requirements for the MS with a Major in Computer Systems and Software Design - General

Applicants for the MS in Computer Systems and Software Design must meet at minimum one of the following two requirements to be considered for admission:

1. Have completed the equivalent of an undergraduate degree with a major in computer science, software engineering, or information systems as determined by the graduate computer science faculty.

2. Applicants with degrees in related fields with a minimum of three years' experience in systems and software design may be considered. These applicants should have the equivalent of a minor in computer science including courses equivalent to the following:
   - CS 232 Computer Programming II (3)
   - CS 310 Software Engineering I (3)
   - CS 450 Computer Networking (3)
   - CS 488 Database Systems (3)
   - And either MS 120 Calculus and Its Applications (3) or MS 125 Calculus I (4)

Any applicant who is deficient in the minimum admission requirements specified above may be either denied admission or conditionally admitted. Conditionally admitted students must take and pass with a "C" grade or above the additional courses at the undergraduate level specified by the department. In addition, the conditionally admitted applicant must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted within the time frame specified by the graduate faculty and indicated in writing to the student. Failure to comply will result in the student being dropped from the program.

Admission to the MS in Computer Systems and Software Design is determined on a selective basis after careful review of all application materials. The strongest applicants will have a 3.50 or higher undergraduate GPA in computer science or a related topic and a GRE score of 300 or higher (verbal + quantitative). For purposes of computing the undergraduate GPA, a 4.00 grade-point scale is used. The plus (+) and minus (-) grades from undergraduate transcripts are not used in calculating GPA. Applicants may be required to interview with the Computer Science and Software Design Graduate Committee so that additional information can be gathered before a final admission decision is made. Meeting the minimum admission requirements as specified previously does not guarantee admission to the program.

All applications will be reviewed by the graduate faculty in the program. The faculty will submit to the Director of Graduate Studies their recommendation on the admission of each applicant. The Director of Graduate Studies will make the final decision on the admission of the student.

Minimum Requirements for the MS with a Major in Computer Systems and Software Design - General

An overall 3.00 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

Studio Option:

Students accepted into the MS in CSSD with the studio option must complete a six-hour studio component through which an exposition paper will be generated. The student must meet with a graduate faculty member who will select an Advisory Committee to supervise the studio component of the program. The advisor and committee are responsible for determining successful completion of the studio component of the program by evaluation of the exposition paper and the student's presentation of same. The studio defense may be presented online. Time will be allotted after all presentations for the faculty present to ask questions of the student.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 501</td>
<td>Database Management Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 521</td>
<td>Applied Software Engineering I</td>
<td>3</td>
</tr>
<tr>
<td>CS 523</td>
<td>Applied Software Engineering II</td>
<td>3</td>
</tr>
<tr>
<td>CS 550</td>
<td>Distributed Computing Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 570</td>
<td>Advanced Computer Security</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives

Select nine semester hours of electives: 9 credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 502</td>
<td>Research Methods and System Evaluation</td>
</tr>
<tr>
<td>CS 525</td>
<td>Advanced Web Applications Using Web Services</td>
</tr>
<tr>
<td>CS 530</td>
<td>Human-Computer Interaction</td>
</tr>
<tr>
<td>CS 536</td>
<td>Computational Intelligence</td>
</tr>
<tr>
<td>CS 538</td>
<td>Business Intelligence and Data Mining</td>
</tr>
<tr>
<td>CS 540</td>
<td>Bioinformatics Algorithms</td>
</tr>
<tr>
<td>CS 541</td>
<td>Digital Media: Theory and Processing</td>
</tr>
<tr>
<td>CS 544</td>
<td>Applied Artificial Intelligence</td>
</tr>
<tr>
<td>CS 546</td>
<td>Advanced Management of Information Systems</td>
</tr>
<tr>
<td>CS 547</td>
<td>Wireless Networking and Security</td>
</tr>
<tr>
<td>CS 565</td>
<td>Embedded and Real-Time Software Development</td>
</tr>
<tr>
<td>CS 591</td>
<td>Special Topics in Computer Science</td>
</tr>
<tr>
<td>CS 592</td>
<td>Special Topics in Computer Science</td>
</tr>
<tr>
<td>EM 505</td>
<td>Foundations of Emergency Management</td>
</tr>
</tbody>
</table>

Studio Option 6 credits

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 595</td>
</tr>
</tbody>
</table>
Computer Systems and Software Design - Information Security and Assurance (Master of Science)

CS 596  Studio Component

Total Hours  30

30 Graduate Semester Hours Required for this Degree.

Non-Studio Option:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 501</td>
<td>Database Management Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 521</td>
<td>Applied Software Engineering I</td>
<td>3</td>
</tr>
<tr>
<td>CS 523</td>
<td>Applied Software Engineering II</td>
<td>3</td>
</tr>
<tr>
<td>CS 550</td>
<td>Distributed Computing Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 570</td>
<td>Advanced Computer Security</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives

Select eighteen semester hours of electives:  18

- CS 502  Research Methods and System Evaluation
- CS 525  Advanced Web Applications Using Web Services
- CS 530  Human-Computer Interaction
- CS 536  Computational Intelligence
- CS 538  Business Intelligence and Data Mining
- CS 540  Bioinformatics Algorithms
- CS 541  Digital Media: Theory and Processing
- CS 544  Applied Artificial Intelligence
- CS 546  Advanced Management of Information Systems
- CS 547  Wireless Networking and Security
- CS 565  Embedded and Real-Time Software Development
- CS 591  Special Topics in Computer Science
- CS 592  Special Topics in Computer Science
- EM 505  Foundations of Emergency Management

Total Hours  33

33 Graduate Semester Hours Required for this Degree.

Graduation and Comprehensive Exam

No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Computer Systems and Software Design - Information Security and Assurance (Master of Science)

Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
</tbody>
</table>

There is no Summer Admission to this program. Applications received after the deadline will be considered for the following term.

Application Materials Required for the MS with a Major in Computer Systems and Software Design - Information Security and Assurance

Applicants for the MS in CSSD must submit the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions

Jacksonville State University
700 Pelham Road North
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university).
4. Official tests scores on the General Test of the Graduate Record Exam (GRE) (https://www.ets.org/gre/). The GRE must have been taken within the previous five years of enrollment.
5. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant's potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
6. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Application Materials Required for the MS with a Major in Computer Systems and Software Design - Information Security and Assurance

Applicants for the MS in Computer Systems and Software Design must meet at minimum one of the following two requirements to be considered for admission:

1. Have completed the equivalent of an undergraduate degree with a major in computer science, software engineering, or information systems as determined by the graduate computer science faculty.
2. Applicants with degrees in related fields with a minimum of three years’ experience in systems and software design may be considered. These applicants should have the equivalent of a minor in computer science including courses equivalent to the following:
   - CS 232 Computer Programming II (3)
   - CS 310 Software Engineering I (3)
   - CS 450 Computer Networking (3)
   - CS 488 Database Systems (3)
Minimum Requirements for the MS with a Major in Computer Systems and Software Design - Information Security and Assurance

An overall 3.00 GPA is required on all coursework attempted for the master’s degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

Studio Option:

Students accepted into the MS in CSSD with the studio option must complete a six-hour studio component through which an exposition paper will be generated. The student must meet with a graduate faculty member who will select an Advisory Committee to supervise the studio component of the program. The advisor and committee are responsible for determining successful completion of the studio component of the program by evaluation of the exposition paper and the student’s presentation of same. The studio defense may be presented online. Time will be allotted after all presentations for the faculty present to ask questions of the student.

Any applicant who is deficient in the minimum admission requirements specified above may be either denied admission or conditionally admitted. Conditionally admitted students must take and pass with a "C" grade or above the additional courses at the undergraduate level specified by the department. In addition, the conditionally admitted applicant must achieve a GPA of at least a 3.00 on the first 12 graduate hours attempted within the time frame specified by the graduate faculty and indicated in writing to the student. Failure to comply will result in the student being dropped from the program.

Admission to the MS in Computer Systems and Software Design is determined on a selective basis after careful review of all application materials. The strongest applicants will have a 3.50 or higher undergraduate GPA in computer science or a related topic and a GRE score of 300 or higher (verbal + quantitative). For purposes of computing the undergraduate GPA, a 4.00 grade-point scale is used. The plus (+) and minus (-) grades from undergraduate transcripts are not used in calculating GPA. Applicants may be required to interview with the Computer Science and Software Design Graduate Committee so that additional information can be gathered before a final admission decision is made. Meeting the minimum admission requirements as specified previously does not guarantee admission to the program.

All applications will be reviewed by the graduate faculty in the program. The faculty will submit to the Director of Graduate Studies their recommendation on the admission of each applicant. The Director of Graduate Studies will make the final decision on the admission of the student.

Non-Studio Option:

Students accepted into the MS in CSSD with the studio option must complete a six-hour studio component through which an exposition paper will be generated. The student must meet with a graduate faculty member who will select an Advisory Committee to supervise the studio component of the program. The advisor and committee are responsible for determining successful completion of the studio component of the program by evaluation of the exposition paper and the student’s presentation of same. The studio defense may be presented online. Time will be allotted after all presentations for the faculty present to ask questions of the student.

<table>
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<td>Advanced Computer Security</td>
<td>3</td>
</tr>
<tr>
<td>CS 547</td>
<td>Wireless Networking and Security</td>
<td>3</td>
</tr>
</tbody>
</table>

Select nine semester hours of the following courses related to Information Security and Assurance:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM 505</td>
<td>Foundations of Emergency Management</td>
<td>3</td>
</tr>
<tr>
<td>CS 530</td>
<td>Human-Computer Interaction</td>
<td>3</td>
</tr>
<tr>
<td>CS 538</td>
<td>Business Intelligence and Data Mining</td>
<td>3</td>
</tr>
<tr>
<td>CS 565</td>
<td>Embedded and Real-Time Software Development</td>
<td>3</td>
</tr>
</tbody>
</table>

Select six semester hours of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 502</td>
<td>Research Methods and System Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>CS 525</td>
<td>Advanced Web Applications Using Web Services</td>
<td>3</td>
</tr>
<tr>
<td>CS 536</td>
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<td>3</td>
</tr>
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</tr>
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<td>CS 541</td>
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<td>3</td>
</tr>
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<td>CS 546</td>
<td>Advanced Management of Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>CS 591</td>
<td>Special Topics in Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>CS 592</td>
<td>Special Topics in Computer Science</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours 33
33 Graduate Semester Hours Required for this Degree

Graduation and Comprehensive Exam
No comprehensive exam is required for this degree. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.

Mathematics (Master of Science)

Application Deadlines
Deadline dates for applications and receipt of all required application materials are:

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 1</td>
<td>Fall Admission</td>
</tr>
<tr>
<td>November 1</td>
<td>Spring Admission</td>
</tr>
<tr>
<td>April 1</td>
<td>Summer Admission</td>
</tr>
</tbody>
</table>

Any exceptions to these deadlines must be granted by the graduate program chair.

Application Materials Required for the MS with a Major in Mathematics
Applicants for the MS with a major in mathematics may be permitted to enroll for one semester of graduate coursework (only after degree posted transcripts have been received) while completing all other general application requirements.

Applicants for the MS with a major in mathematics must submit all of the following documentation to Graduate Admissions to be considered for admission:

1. Completed JSU Graduate Application for Admission (https://gr-recruiter.jsu.edu/Apply/Account/Login/).
2. Non-refundable $35.00 application processing fee.
3. Official transcripts from all colleges/universities with degrees posted. (Students who have previously attended JSU do not need to request a transcript from the university.)
4. Three Graduate Reference Forms completed by individuals who can provide qualitative assessment of the applicant’s potential for success in graduate coursework. Reference forms will be submitted electronically. Instructions for submission will be sent through email to the applicant upon submission of the online graduate application.
5. International student applicants must see the International Student Applicants (p. 9) section of this catalog for other application and enrollment requirements.

Admission Requirements for the MS with a Major in Mathematics
In addition to meeting general admission requirements of graduate studies, an applicant must have completed at least 12 semester hours, or equivalent, beyond the three course JSU calculus series, or equivalent, including at least one course equivalent to MS 415 Advanced Calculus I (3) and one course equivalent to MS 441 Abstract Algebra I (3).

Unconditional Admission
Unconditional admission is determined by the graduate faculty. An applicant must have an undergraduate GPA equal to or greater than 3.25 with completion of at least 12 credit hours on 300+ level courses in mathematics major for consideration of unconditional admission.

Conditional Admission
Any applicant failing to meet the requirements for unconditional admission may be conditionally admitted with the recommendation of the graduate faculty in the applicant’s major and approval of the Director of Graduate Studies.

Applicants who are granted conditional admission must achieve a GPA of at least 3.00 on the first 12 graduate hours attempted. Failure to meet these conditions will result in the student being dropped from graduate studies.

Minimum Requirements for the MS with a Major in Mathematics
An overall 3.00 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

Non-Thesis Option
Total of 30 graduate semester hours in approved mathematics courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select four from the following:</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>MS 451</td>
<td>Functions of a Complex Variable</td>
<td></td>
</tr>
<tr>
<td>MS 515</td>
<td>Real Variables I</td>
<td></td>
</tr>
<tr>
<td>MS 516</td>
<td>Real Variables II</td>
<td></td>
</tr>
<tr>
<td>MS 541</td>
<td>Abstract Algebra I</td>
<td></td>
</tr>
<tr>
<td>MS 542</td>
<td>Abstract Algebra II</td>
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</tr>
<tr>
<td>Eighteen additional hours of graduate MS courses:</td>
<td>18</td>
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Total Hours 30

Thesis Option
Total of 30 graduate semester hours. Minimum of 24 hours in approved mathematics courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Select four of the following:</td>
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<tr>
<td>MS 451</td>
<td>Functions of a Complex Variable</td>
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<tr>
<td>MS 515</td>
<td>Real Variables I</td>
<td></td>
</tr>
<tr>
<td>MS 516</td>
<td>Real Variables II</td>
<td></td>
</tr>
<tr>
<td>MS 541</td>
<td>Abstract Algebra I</td>
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<tr>
<td>MS 542</td>
<td>Abstract Algebra II</td>
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Six hours of approved thesis MS 599  
Twelve additional hours of graduate MS courses:  
Total Hours

<table>
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<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MS 475 Seminar in Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MS 523 Topics in Geometry for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>MS 526 Topics in Analytical Geometry for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>MS 528 Theory of Equations and Functions for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>MS 530 Foundations in Calculus for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>MS 533 Topics in Modern Analysis for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>MS 535 Topics in Finite Mathematics for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>MS 537 Foundations in Algebra for the Secondary Teacher</td>
<td>3</td>
</tr>
<tr>
<td>MS 549 Selected Topics in Mathematics for the Secondary Teacher</td>
<td>3</td>
</tr>
</tbody>
</table>

30 Graduate Semester Hours for this Degree

Only two of the following courses may be counted toward the 30 hours of coursework for the degree:

- MS 475 Seminar in Mathematics (3)
- MS 523 Topics in Geometry for Teachers (3)
- MS 526 Topics in Analytical Geometry for Teachers (3)
- MS 528 Theory of Equations and Functions for Teachers (3)
- MS 530 Foundations in Calculus for Teachers (3)
- MS 533 Topics in Modern Analysis for Teachers (3)
- MS 535 Topics in Finite Mathematics for Teachers (3)
- MS 537 Foundations in Algebra for the Secondary Teacher (3)
- MS 549 Selected Topics in Mathematics for the Secondary Teacher (3)

Thesis students should contact Graduate Studies to receive an orientation to the thesis process prior to enrolling in the first three semester hours of thesis, 599. This orientation can be completed either in person or via email. The purpose of the orientation is to provide the thesis student with information concerning required forms, due dates, and to answer any questions concerning thesis options and/or procedure. For further information concerning this orientation, please contact LaRilda VanSandt, vansandt@jsu.edu, 322 Bibb Graves, (256) 782-5345. See Thesis Options and Procedures (p. 16) in this catalog for more information.

**Graduation and Comprehensive Exam**

A comprehensive exam is required for the Non-Thesis Option of this degree; please see the graduate advisor for full details. For students choosing the Thesis Option, the thesis defense serves as the comprehensive exam. All students must apply for graduation (http://www.jsu.edu/graduate/graduation.html) by the given deadline of the semester (http://www.jsu.edu/registrar/academic-calendar/) in which they plan to graduate. Please see the Graduation and Comprehensive Exam (p. 17) section of this catalog for more information.
COOPERATIVE EDUCATION PROGRAM

Cooperative education is a structured educational strategy integrating classroom studies with learning through productive paid work experiences in a field related to the student’s academic or career goals. It provides progressive experiences in integrating theory and practice. Co-Op brings together the university, the business and professional community, and students in a collaborative effort with specified responsibilities for each party. Academic credit is not awarded for participation in the cooperative education program, unless coordinated and approved by the academic department. A pass/fail notation is entered on the transcript upon completion of the semester’s work experience.

In order to qualify for cooperative education, a student must meet the following qualifications:

1. The student must satisfactorily complete a minimum of 24 semester hours prior to entering the program. Employers may suggest a lower minimum hour requirement.
2. The student must meet and maintain a 2.50 (4.00 scale) grade point average. Employers may establish higher GPA requirements.
3. The student must have the recommendation of 2 professors.
4. The student must have a completed application (http://www.jsu.edu/careerservices/coop-internships/application.html) available on the Career Services (http://www.jsu.edu/careerservices/) website.

To be considered for a co-op position, a student must apply for the position and follow through on the required selection process, typically to include an interview. Upon approval of the cooperative education coordinator and the employer, the student will register for the following alternating or parallel cooperative education courses. All co-op positions may be found online in JLink (https://jsu-csm.symplicity.com/): JSU’s Professional Networking Site from Career Services.

To speak with someone about the cooperative education program, contact the Career Services (http://www.jsu.edu/careerservices/) Office at (256) 782-5482.
FACULTY & ADMINISTRATION

- Administration (p. 161)
- Emeriti Faculty and Administration (p. 161)
- Faculty (p. 164)

Administration
Jacksonville State University
Administrative Structure

Board of Trustees

<table>
<thead>
<tr>
<th>Trustee Name</th>
<th>District</th>
<th>Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Honorable Kay Ivey</td>
<td>Governor of Alabama</td>
<td>President Ex Officio</td>
</tr>
<tr>
<td>Senator Vivian Davis Figures (Vice Chair)</td>
<td>First</td>
<td>2012-2023</td>
</tr>
<tr>
<td>Ms. Gale Saxon Main</td>
<td>Second</td>
<td>2012-2023</td>
</tr>
<tr>
<td>Mr. Greg Brown</td>
<td>Third</td>
<td>2016-2021</td>
</tr>
<tr>
<td>Mr. Anthony Smoke</td>
<td>Third</td>
<td>2019-2022</td>
</tr>
<tr>
<td>Mr. Clarence W. Daugette III (Chair)</td>
<td>Fourth</td>
<td>2012-2023</td>
</tr>
<tr>
<td>Mr. Rusty Fuller</td>
<td>Sixth</td>
<td>2016-2019</td>
</tr>
<tr>
<td>Mr. Randy Owen</td>
<td>In-State At-Large</td>
<td>2000-2024</td>
</tr>
<tr>
<td>Mr. Tony Ingram</td>
<td>Out-State At Large</td>
<td>2015-2021</td>
</tr>
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</table>

President
John M. Beehler, Ph.D., CPA

President’s Cabinet
Dr. Christie Shelton, Provost and Vice President for Academic Affairs
Mr. James Brigham, Vice President for Finance and Administration/CFO
Dr. Charles Lewis, Vice President for University Advancement
Dr. Tim King, Vice President for Student Affairs
Mr. Greg Seitz, Athletic Director
Dr. Don Killingsworth, Chief External Affairs Officer
Mr. Samuel H. Monk II, Legal Counsel
Dr. Heidi Louisy, Chief Human Resources & Diversity Officer

University Executive Council
Dr. John M. Beehler, President
Dr. Christie Shelton, Provost and Vice President for Academic Affairs
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Dr. Charles Lewis, Vice President for University Advancement
Dr. Tim King, Vice President for Student Affairs

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Dasinger, Norman R., B.S., M.S., Ed.D., Professor Emeritus
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Dempsey, Ouida S. F., B.S., M.A., D.M.A., Professor Emerita
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Engley, Elizabeth A., B.S., M.Ed., Ph.D., Professor Emerita
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Horton, Gloria, B.S.Ed., M.A., Instructor Emerita
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Lauderbaugh, George, B.A., M.A., M.A., Ph.D., Professor Emeritus
Lowry, Patricia Kramer, B.S., M.S.Ed., Ed.D., Professor Emerita
Loucks, Steve, B.F.A., M.F.A., Professor Emeritus
Lyons, Dorothy M., B.S., M.S.N., Ed.D., Professor Emerita
Malone, Sylvia S., B.A., M.A., Instructor Emerita
Marsengill, Daniel, B.M., M.M., D.M., Dean Emeritus
McAbee, Sonja L., B.A., M.L.S., Department Head Emerita
McCormick, Martha C., B.S., M.S., Department Head Emerita
McCormick, Michael B., B.S., M.B.A., Ph.D., Professor Emeritus
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McDade, Claudia E., B.A., M.A., Ph.D., Director Emerita
McIntosh, Legare, B.A., M.A., M.S.E., Ed.D., Department Head Emeritus
Meehan, William A., B.S., M.S., and Ed.D., President Emeritus
Merrill, Martha, B.A., M.S., Ph.D., Professor Emerita
Mims, Aquilla A., B.S., M.S.Ed., Ed.D., Professor Emerita
Mulraine, Lloyd E., B.A., M.A., D.A., Professor Emeritus
Myers, Karen G., B.S., M.S.Ed., Instructor Emerita
Nelson, J. Gordon, B.A., M.A., Ph.D., Professor Emeritus
Nemeth, Karen, B.S., M.S., Ed.S., Instructor Emerita
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Padgett, Thomas L., B.S., M.A., Ed.D., Professor Emeritus
Parker, Patricia, B.M., M.M., D.M., Associate Professor Emerita
Parker, Rachel Jones, B.A., M.L.S., Associate Dean Emerita
Patterson, Donald, B.A., Ph.D., Department Head Emeritus
Paxton, Mary Jean, B.S., Ph.D., Department Head/Director Emerita
Peters, Mary Jane, B.A., M.B.A., Instructor Emerita
Pope, Margaret, B.S., M.A., Ed.D., Professor Emerita
Richards, George D., A.B., M.A., Ph.D., Professor Emeritus
Roberts, Brenda, B.S., M.S.N., D.S.N., Professor Emerita
Roberts, James, B.M., B.M.Ed., M.A., D.M.A., Professor Emeritus
Rose, Harry, B.A., M.A., Ed.D., Professor Emeritus
Rose, Katherine Maxine, B.A., M.A., M.A., Ph.D., Director Emerita
Roswal, Glenn, B.S., M.A. Ph.D., Professor Emeritus
Roy, Joyce R., B.A., M.A., Ed.D., Professor Emerita
Salls, Donald J., B.S., M.A., Ed.D., Professor Emeritus
Sandberg, Angela, B.S., M.B.A., D.B.A., Professor Emerita
Savage, Ralph L., B.A., M.A., Ph.D., Professor Emeritus
Searway, Albert M., B.S., M.S., Ph.D., Director Emeritus
Sellers, Susan, B.S., M.A.E., Instructor Emerita
Serviss, Joseph, B.S., M.A., Vice President Emeritus
Shaddix, Pat, B.A., M.B.A., Director Emeritus
Skidmore, Jim, B.S., M.S., Associate Athletic Director Emeritus
Smith, Donna K., B.S., M.S.S.W., Instructor Emerita
Smith, Jerry D., B.S.Ed., M.S., Ed.D., Dean Emeritus
Smith, Johnny L., B.S., M.S., Ed.D., Professor Emeritus
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Smith, T. Allen, B.S., M.S., Ph.D., Department Head Emeritus
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Stinson, Mary E., B.S.Ed., M.S., Ed.S., Ph.D., Associate Professor Emerita
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Thornhill, Bonnie T., B.S.N., M.S.N., D.S.N., Professor Emerita
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White, Stephen, B.S., M.S. Ph.D., Professor Emeritus
Whitton, Steven J., B.A., M.A., Ph.D., Professor Emeritus
Williams, Eugene J., B.A., M.A., Instructor Emeritus
Wilson, Barbara T., B.S., M.A., Instructor Emerita
Wood, Randal, B.S., J.D., Associate Professor Emeritus
Woodward, H. Bascom, III, B.S., M.A., Ed.D., Vice President Emeritus

Wooster, Julia, B.S., M.S., Instructor Emerita

Wright, Elsie L., A.B., M.A., Ph.D., Professor Emerita

Yeh, Pu-Sen, B.S., M.S., Ph.D., Department Head Emeritus

Yocum, Virginia B.S., M.A., Ed.D., Professor Emerita

Yunker, Barbara D., B.A., M.S., Ph.D., Associate Professor Emerita

Zenanko, Carl Micheal, B.A., M.Ed., Director Emeritus

Zenanko, Marsha, B.S.E., M.S., Ph.D., Professor Emerita

Zuelke, Dennis C., B.S., M.S., Ph.D., Professor Emeritus

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A

Akpan, Joseph (2011)
Professor
B.S., Lane College
M.A., Drake University
Ph.D., Iowa State University

Al-Hamdani, Safaa H. (1992)
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B.S., Baghdad University
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M.F.A., Mississippi State University

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*Associate Professor*
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Accounting (ACC)

ACC 410 Financial Accounting III (3)
Prerequisite(s): ACC 310 with a minimum grade of C. A detailed study of business expansion including combinations and international operations, and an overview of partnership accounting.

ACC 476 Advanced Income Tax Accounting (3)
Prerequisite(s): ACC 372 with a minimum grade of C. Advanced federal income tax topics including property transactions and international taxation issues.
   The course also focuses on the taxation of corporations, S corporations, and partnerships. Limited coverage is provided on the taxation of trusts and estates as well as the alternative minimum tax. Understanding the implementation of the current regulations as well as tax planning strategies are discussed.

ACC 490 Advanced Auditing (3)
Prerequisite(s): Senior standing and ACC 477 with a minimum grade of C. The practical application of auditing concepts and standards.
An understanding of auditing principles is reinforced and explained by exposure to problems and cases.
### ACC 497 Seminar in Accounting (3)
Prerequisite for Undergraduate: Senior accounting majors only. Prerequisites for Graduate: ACC 490 and ACC 512. Examines critical accounting topics through intensive review of current literature and pronouncements. Assesses student's ability to effectively communicate accounting information.

### ACC 512 Accounting Information Analysis (3)
Prerequisite(s): ACC 200 or equivalent. Analysis and use of accounting data as a tool for managerial decision making; analysis of financial reporting, cost behavior, budgeting, and decision making.

### ACC 589 Internship in Accounting (3)
Prerequisite(s): Approval of the instructor and approval of the MBA Director. Provides the graduate student with practical experience in the field of accounting via a real-world work experience arrangement with an accounting firm. Grades: Pass/Fail.

### ACC 598 Independent Research (3)
Prerequisite(s): Completion of 18 semester hours of graduate courses including a three semester hour quantitative course. Approval of the instructor and approval of the MBA Director. In-depth study of selected topic(s).

## Adult Gero-Acute Care Nurse Practitioner (ANP)

### ANP 668 Advanced Adult-Gerontology Acute NP I (3)
Prerequisite(s): NU 607, NU 613, and NU 620. Corequisite(s): ANP 669 and ANP 671.
The purpose of this course is to integrate basic knowledge of human anatomy and physiology with an understanding of the pathologic changes and clinical manifestations that characterize acute, chronic, and complex disorders in late adolescent, adult, and geriatric clients. The focus of this course is on the formulation and changes and clinical manifestations that characterize acute, chronic, and geriatric clients. The purpose of this course is on the development of critical thinking skills necessary to achieve direct care and core competencies of the adult gerontology acute care nurse practitioner. The emphasis of this course is on the acquisition of the knowledge and skills necessary to deliver safe and effective care to late adolescent, adult, and geriatric clients.

### ANP 669 Advanced Adult-Gerontology Acute NP Practicum I (1)
Prerequisite(s): NU 607, NU 613, and NU 620. Corequisite(s): ANP 668 and ANP 671.
The purpose of this course is to demonstrate management strategies and apply selected practice models for the delivery of high quality care to late adolescents, adults, and geriatric clients. The focus of this course is on promoting progression of competence within the Advanced Practice Nursing role. (70 clinical practicum hours)

### ANP 671 Health Promotion/Disease Prevention and Issues for AGANP (2)
Prerequisite(s): NU 607, NU 613, and NU 620. Corequisite(s): ANP 668 and ANP 669.
The purpose of this course is to integrate prior theoretical and practical knowledge for diagnosis and management of health and illness in late adolescent, adult, and geriatric clients. The focus of this course is application of health promotion lifestyle changes and disease prevention concepts for acute and chronic conditions affecting late adolescent, adult, and geriatric clients. The emphasis of this course is to identify needs and examine clinical preventive services and health promotion in the late adolescent, adult, and geriatric clients.

### ANP 672 Advanced Adult-Gerontology Acute NP II (3)
Prerequisite(s): ANP 668, ANP 669 and ANP 671. Corequisite(s): ANP 673.
The purpose of this course is to continue to integrate basic knowledge of human anatomy and physiology with an understanding of the pathologic changes and clinical manifestations that characterize acute, chronic, and complex disorders in late adolescent, adult, and geriatric clients. The focus of this course is on the development of critical thinking skills necessary to achieve direct care and core competencies of the adult gerontology acute care nurse practitioner. The emphasis of this course is on the acquisition of the knowledge and skills necessary to deliver safe and effective care to late adolescent, adult, and geriatric clients.

### ANP 673 Advanced Adult-Gerontology Acute NP Practicum II (3)
Prerequisite(s): ANP 668, ANP 669 and ANP 671. Corequisite(s): ANP 672.
The purpose of this course is to prioritize management strategies and apply selected practice models of delivery of care to late adolescents, adults, and geriatric clients. The focus of this course is to provide the student with opportunities to integrate in depth diagnostic and management skills to provide care to the late adolescent, adult and geriatric clients. The emphasis of this course is on the formulation and management of individualized treatment plans based on diagnostic findings and current practice models. (210 clinical practicum hours)

### ANP 674 Advanced Adult-Gerontology Acute NP III (3)
Prerequisite(s): ANP 672 and ANP 673. Corequisite(s): ANP 675.
The purpose of this course is to continue to prioritize management strategies and apply selected practice models of delivery of care to late adolescents, adults, and geriatric clients. The focus of this course is to provide the student with opportunities to integrate in depth diagnostic and management skills to provide care to the late adolescent, adult and geriatric clients. The emphasis of this course is on the formulation and management of individualized treatment plans based on diagnostic findings and current practice models. (210 clinical practicum hours)

### ANP 675 Advanced Adult-Gerontology Acute NP Practicum III (3)
Prerequisite(s): ANP 672 and ANP 673. Corequisite(s): ANP 674.
The purpose of this course is to continue to prioritize management strategies and apply selected practice models of delivery of care to late adolescents, adults, and geriatric clients. The focus of this course is to provide the student with opportunities to integrate in depth diagnostic and management skills to provide care to the late adolescent, adult and geriatric clients. The emphasis of this course is on the formulation and management of individualized treatment plans based on diagnostic findings and current practice models. (210 clinical practicum hours)

### ANP 676 Advanced Adult-Gerontology Acute NP IV (3)
Prerequisite(s): ANP 674 and ANP 675. Corequisite(s): ANP 677.
The purpose of this course is to continue to prioritize management strategies and apply selected practice models of delivery of care to late adolescents, adults, and geriatric clients. The focus of this course is to provide the student with opportunities to integrate in depth diagnostic and management skills to provide care to the late adolescent, adult and geriatric clients. The emphasis of this course is on the formulation and management of individualized treatment plans based on diagnostic findings and current practice models. (210 clinical practicum hours)
ANP 677 Advance Adult-Gerontology Acute NP Practicum IV (3)
Prerequisite(s): ANP 674 and ANP 675.
Corequisite(s): ANP 676.
The purpose of this course is to refine management strategies and best practice models in the delivery of high quality care to late adolescent, adult, and geriatric clients. The focus of this course is to evaluate progress toward achievement of professional competencies. The emphasis is on incorporation of evidence and concepts from previous coursework and clinical practice to improve the health status and/or provide palliative care for late adolescent, adult, and geriatric clients. (210 clinical practicum hours)

ANP 796 Adult Gerontology Acute NP Project Planning and Development (3)
The purpose of this course is to synthesize previous learning in the DNP program which will provide a foundation for the ANP Clinical Residency courses. The focus of this course is on the development of a practice-focused problem, issue or process that will be pursued during the ANP Clinical Residency. The emphasis of this course is on the acquisition of knowledge and skills necessary to initiate the translation of evidence-based practice and clinical scholarship impacting the healthcare system to decrease risk and improve health care outcomes for the population served.

ANP 797 Adult Gerontology Acute NP Residency I (3)
Prerequisite(s): ANP 796.
The Adult Gerontology Acute NP Residency I is the first of three Clinical Residency courses that are considered a key component of the Doctor of Nursing Practice educational program. The purpose of this course is to combine clinical practice experiences with scholarly activities to provide in-depth learning for the student. The focus of this course is on the continued development and implementation of a practice-focused problem, issue or process that will be evaluated during the ANP Clinical Residency courses. The emphasis of this course is on the acquisition of knowledge and skills necessary to initiate the translation of evidence-based practice and clinical scholarship that is impacting the healthcare system, in order to decrease risk and improve health care outcomes for the population served. (210 practicum hours)

ANP 798 Adult Gerontology Acute NP Residency II (3)
Prerequisite(s): ANP 796 and ANP 797.
The Adult Gerontology Acute NP Residency II is the second of three Clinical Residency courses that are considered a key component of the Doctor of Nursing Practice educational program. The purpose of this course is to combine clinical practice experiences with scholarly activities to provide in-depth learning for the student. The focus of this course is on the continued development and implementation of a practice-focused problem, issue or process that is being evaluated during the ANP Clinical Residency courses. The emphasis of this course is on the acquisition of knowledge and skills necessary to continue the translation of evidence-based practice and clinical scholarship that is impacting the healthcare system, in order to decrease risk and improve health care outcomes for the population served. (210 practicum hours)

ANP 799 Adult Gerontology Acute NP Residency III (3)
Prerequisite(s): ANP 796, ANP 797, and ANP 798.
The Adult Gerontology Acute NP Residency III is the final Clinical Residency course that is considered a key component of the Doctor of Nursing Practice educational program. The purpose of this course is for the student to present and receive approval for the final Scholarly Project. The focus of this course is on the final development and implementation of a practice-focused problem, issue or process that was pursued during the ANP Clinical Residency courses. The emphasis of this course is on the acquisition of knowledge and skills necessary to continue the translation of evidence-based practice and clinical scholarship that is impacting the healthcare system, in order to decrease risk and improve health care outcomes for the population served. (210 practicum hours)

Alternating Cooperative Education Program (CEA)

CEA 510 Alternating Co-Op Education (0)
Cooperative Education experience of full-time employment (approximately 40 hrs./week)

CEA 520 Alternating Co-Op Education (0)
Cooperative Education experience of full-time employment (approximately 40 hrs./week).

CEA 530 Alternating Co-Op Education (0)
Cooperative Education experience of full-time employment (approximately 40 hrs./week).

CEA 540 Alternating Co-Op Education (0)
Cooperative Education experience of full-time employment (approximately 40 hrs./week).

Art (ART)

ART 602 Visiting Designer Artist Project (3)
Design studio with visiting designer/artist. May be repeated for credit, up to a maximum of twelve hours, with permission of the instructor and Graduate Coordinator.

ART 605 Graduate History of Graphic Design (3)
In depth study of major works, movements and artists associated with the history of graphic design. Course should be taken in the second semester of enrollment. Offered in the Spring semester.

ART 606 Design Education Pedagogy Andragogy (3)
History, practice and theory of graphic design education.

ART 619 Design Studio (3)
Prerequisite(s): May be repeated for credit, up to a maximum of six hours, with permission of the instructor and department head. Graduate design studio work. Author/designer focused project with interpretation of complex materials at multiple levels.

ART 620 Advanced Design Studio (3)
Prerequisite(s): ART 619.
Continuation and application of Design Studio Graduate design studio work. Students will author advanced designer-focused projects with interpretation of complex media and materials at multiple levels using both traditional and modern techniques. May be repeated for credit, up to a maximum of six hours, with permission of the instructor and department head.
ART 621 Graduate Interactive Design Studio (3)
Graduate design studio work focusing on the theory and application of interactive design problems. May be repeated for credit, up to a maximum of six hours, with instructor permission.

ART 622 Graduate Screen Printing Design Studio (3)
Graduate design studio work focusing on screenprinting theory and application. May be repeated for credit, up to a maximum of six hours, with permission of the instructor.

ART 623 History of Graphic Design I (3)
Study of major works, themes, movements, and theories relating to visual communication and design before the Industrial Revolution.

ART 624 History of Graphic Design II (3)
Study of major works, themes, movements and theories relating to visual communication and design from the Industrial Revolution to the present.

ART 625 Design Research Readings and Seminar (3)
Prerequisite(s): May be repeated for credit, up to a maximum of six hours, with permission of the instructor and department head. Study of major works, themes, movements and theories in contemporary art and design.

ART 626 Contemporary Visual Studies (3)
Prerequisite(s): May be repeated for credit, up to a maximum of six hours, with permission of the instructor and department head. Study of major works, themes, movements and theories in contemporary art and design.

ART 627 Design Research, Readings and Seminar (3)
Prerequisite(s): May be repeated for credit, up to a maximum of six hours, with permission of the instructor and department head. Presentation, analysis, and discussion of readings in visual communication and design theory and criticism. Should be taken in the first semester of enrollment. Offered in the Fall semester.

ART 628 Advanced Design Studio (3)
Prerequisite(s): ART 627. Continuation and application of Design Studio. Students will author advanced designer-focused projects with interpretation of complex media and materials at multiple levels using both traditional and modern techniques. May be repeated for credit up to a maximum of six hours, with permission of the instructor and department head.

ART 629 Design Studio Exhibition Research (3)
Prerequisite(s): May be repeated for credit, up to a maximum of twelve hours, with permission of the instructor and department head. Development of projects with interpretation of complex media and materials at multiple levels using both traditional and modern techniques.

ART 630 Graduate Seminar in Art History (3)
Prerequisite(s): ART 640. Intensive independent study in art history. A course for students to investigate special topics in Art History in a seminar format which focuses on independent research and presentation. Topics may include such things as: Post-Impressionism, Far Eastern Art, The History of Photography, American Printmaking, etc. Course may be repeated for credit up to 6 hours.

ART 631 Independent Study in Art History (3)
Prerequisite(s): May be repeated for credit, up to a maximum of six hours, with permission of the instructor and department head. Intensive independent study in art history.

ART 632 Advanced Design Studio (3)
Prerequisite(s): ART 627. Continuation and application of Design Studio. Students will author designer-focused projects with interpretation of complex media and materials at multiple levels using both traditional and modern techniques.

ART 633 Advanced Contemporary Media/Communication Studio (3)
Prerequisite(s): May be repeated for credit, up to a maximum of six hours, with permission of the instructor and department head. Design studio in new media. Students will utilize time-based and digital techniques to create modern projects for interactive, time-based, web, and app based media.

ART 634 Design Studio Exhibition Research II (3)
Prerequisite(s): ART 643, successful completion of Candidacy Review and Thesis Proposal approval. As the MFA capstone course, this course will prepare and produce the final MFA Exhibition. Students will be assigned a grade of Pass or Fail only.

ART 635 Design Studio Exhibition Research III (3)
Prerequisite(s): ART 644. Continuation and application of Design Studio. Students will author designer-focused projects with interpretation of complex media and materials at multiple levels using both traditional and modern techniques. May be repeated for credit up to a maximum of six hours, with permission of the instructor and department head.

ART 636 Advanced Contemporary Media/Communication Studio (3)
Prerequisite(s): ART 640. Building on Contemporary Media/Communication Design studio in new media. Students will utilize time-based and digital techniques to create modern projects for interactive, time-based, web, and app based media.
BY 402 Medical Microbiology (4)
Prerequisite(s): BY 323 or 283 and approval of instructor.
Study of pathogenic bacteria, viruses, fungi, and parasites of humans and
some domestic animals; identification of pathogens, disease processes,
and public health emphasized; lecture and laboratory.

BY 403 Immunology (3)
Prerequisite(s): BY 373; BY 323 recommended.
Study of immunity and how the immune system responds to specific
infectious and non-infectious agents; comparative immunology of
invertebrate and vertebrate animals, immunological disorders, and
application of immunological techniques; lecture and laboratory. (Group I)

BY 405 Animal Behavior (3)
Prerequisite(s): BY 332.
Genetic and anatomical bases of behavior; impact of behavior on the
ecology of animals emphasized; lecture, discussion, demonstration and
library studies.

BY 406 Ornithology (4)
Prerequisite(s): BY 332.
History, classification, anatomy, physiology, ecology, and distribution of
birds; laboratory emphasis on field identification and ecology; lecture,
laboratory, and field studies. (Group II)

BY 407 Mammalogy (4)
Prerequisite(s): BY 332.
Aspects of the biology, ecology, taxonomy, and distribution of
southeastern mammals; lecture, laboratory, and field studies.

BY 408 Public Policy and Ecosystems (4)
Prerequisite(s): BY 332.
Lecture, laboratory and field study. The course will address the history,
evolution, and recent developments in natural resource policy and how
it influences ecosystem structure and function. Topics will include fish
and wildlife conservation, forest planning and management, agricultural
policies, public lands (Bureau of Land Management lands, national
forests, national wildlife refuges, national parks, and wilderness areas),
endangered species, and policies that influence private lands. The
relationship between policies and ecosystem structure and function will
be addressed in class and in labs by debates and field exercises.

BY 412 Plant Reproduction and Development (4)
Prerequisite(s): BY 322, BY 373; CY 105, CY 106, CY 107, CY 108
recommended.
Study of structural and functional aspects of reproductive and
developmental phenomena in vascular plants; lecture and laboratory. (Group I)

BY 413 Animal Reproduction and Development (4)
Prerequisite(s): BY 322, BY 373; CY 105, CY 106, CY 107, CY 108
recommended.
Study of the structural and functional aspects of reproductive and
developmental phenomena in animals with emphasis on the cellular and
molecular mechanisms involved; lecture and laboratory. (Group I)

BY 415 Biometrics (3)
Prerequisite(s): BY 322, 332, or 373 and MS 204.
An introduction into statistics for biology majors. This course will
introduce students to appropriate statistics for analyzing biological data
including how to select random samples, use basic statistical packages,
post-hoc statistical testing and the use of linear regression and will
use real-world examples of statistics in ecological, toxicological, and
physiological research; lecture and laboratory.

BY 422 Biology of Cryptogams (4)
Prerequisite(s): BY 332, BY 373.
The study of blue-green algae, algae, slime molds, bryophytes, and
lichens; lecture, laboratory, field, and library study. Extensive field and
laboratory identifications. (Group II)

BY 427 Independent Studies in Biology (1)
Prerequisite(s): BY 370.
(1) Laboratory or field research investigation dealing with an aspect of
biological sciences; biology sponsor required for topic approval and
supervision. Grade: Pass/Fail

BY 434 Animal Systems Physiology (4)
Prerequisite(s): BY 373; CY 105, CY 106, CY 107, CY 108; CY 231, CY 232
and one semester of physics recommended.
Systematic survey of organ system physiology in vertebrates; systems
analysis, biophysics, and bioengineering emphasized; lecture and
laboratory. (Group I)

BY 435 Landscape Ecology (4)
Prerequisite(s): BY 322, MS 204.
Undergraduate Prerequisite: BY 322. Graduate Lecture, laboratory, and
field study. Emphasis will be on the role of spatial heterogeneity in
terrestrial systems; its detection and description, analysis of pattern
formation, landscape dynamics and models, human interactions with
heterogeneity, and the implications of heterogeneity of populations,
communities, and ecosystems. Landscape ecology provides approaches
to fundamental research questions in ecology, as well as new approaches
to forest and resource management that consider ecosystem processes
at larger spatial and temporal scales.

BY 438 Freshwater Biology (4)
Prerequisite(s): BY 332.
Analysis of the unique ecology and biology of the freshwater
environment; extensive field work; research project; lecture, laboratory,
and field studies.

BY 440 Evolutionary Biology (4)
Prerequisite(s): BY 322.
Study of the processes and mechanisms which lead to evolutionary
change in the biota; lecture, laboratory and field studies.

BY 442 General Entomology (4)
Prerequisite(s): BY 332.
Lecture, laboratory, and field study of insects and other arthropods, with
an emphasis on the taxonomy, morphology, physiology, and ecology of
the insects. (Group II)

BY 445 Ecotoxicology (4)
Prerequisite(s): BY 332, BY 373.
Recommended: BY 322. This course is a survey of ecotoxicology. The
study of the integration of the major processes involved with transport,
exposure and response of biological systems to xenobiotics, how
 toxicants mediate interactions between organisms and their biotic and
abiotic environments and, the impact and toxic effects of pollutants
on diversity, growth and metabolism of living organisms, populations,
communities, and the ecosystem; lecture, laboratory and field study.
(Group I)

BY 450 Molecular Biology (4)
Prerequisite(s): BY 322, 373 or approval of instructor.
Study of the processes involved in the expression of biological
information at the molecular level; lecture and laboratory. (Group II)
BY 451 Plant Anatomy (4)
Prerequisite(s): BY 373.
Study of the comparative structural organization of the vegetative and reproductive parts of seed plants, from cells to tissues to systems; lecture and laboratory. (Group II)

BY 452 Plant Taxonomy (4)
Prerequisite(s): BY 322 or BY 332.
Survey of plant nomenclature, identification systems, description, evolution, and classification; vascular plants emphasized; lecture, library, laboratory, and field studies. (Group II)

BY 453 Dendrology (4)
Prerequisites: BY 332. Lecture, laboratory, and field study. The identification, taxonomy, ecological characteristics, distribution, and economic importance of trees native to North America and ornamentals. (Group II)

BY 454 Tropical Biology (3)
Prerequisite(s): BY 101, 102, 103, 104, and approval of instructor. An extensive field trip to study the flora and fauna of tropical regions. A written and oral report are required.

BY 455 Plant Ecology (4)
Prerequisite(s): BY 322 or 332.
Major plant communities of the southeastern U.S. and their relationships with major abiotic features; autecological field studies of plant species and populations included; lecture, laboratory, library and field studies.

BY 458 Herpetology (4)
Prerequisite(s): BY 332.
Recommended: BY 320. Taxonomy, ecology, physiology, and external anatomy of amphibians and reptiles; conservation and field methodology emphasized; lecture, laboratory and field studies. (Group II)

BY 460 Ichthyology (4)
Prerequisite(s): BY 332.
An overview of the evolution, ecology, behavior, physiology, and conservations of fishes. Preparation and presentation of an original library or lab/field research project required. Lecture, laboratory, and field study. (Group II)

BY 473 Advanced Cell Biology (4)
Prerequisite(s): 373.
Recommended: BY 322, CY 231, CY 232, CY 362, CY 363. A study of molecular aspects of cell structures and their functions using both descriptive and biochemical approaches. Lecture and laboratory. (Group I)

BY 475 Economic Botany (4)
Prerequisites for Undergraduate: BY 101, 102, 103, and 104. Prerequisites for Graduate: BY 322 or 332. Collection identification, culture and preservation of plants for illustration and utilization in the classroom and laboratory; two class periods and one laboratory period per week.

BY 476 Invertebrate Zoology (4)
Prerequisite(s): BY 332.
Systematics, ecology, physiology, and phylogenetic relationships of invertebrate animals; lecture, laboratory, and field studies. (Group II)

BY 477 Cell and Tissue Culture (4)
Prerequisite(s): BY 101, 102, 103, 104, 373, CY 105-108.
Recommended: BY 322, 412, 431 and CY 231. Cell and Tissue Culture is an advanced biology course dealing with in vitro manipulation of cells, organs, and tissues; both solid and suspension culture and their application to biotechnology. Lecture and laboratory. (Group I)

BY 478 Endocrinology (3)
Prerequisite(s): BY 373 and CY 231.
General introduction to vertebrate endocrine systems and the variety of chemical messengers involved in the regulation of physiological processes. Topics will include discussions of the history and methodologies of endocrinology, hormone synthesis, physiological effects of hormones, and the mechanisms of actions for various hormones. (Group I)

BY 479 Plant Physiology (4)
Prerequisite(s): BY 373; BY 451 recommended.
Mineral nutrition, water relations, photosynthesis, metabolism and transport in vascular plants; lecture and laboratory. (Group I)

BY 480 Advanced Topics in Biology I (1)
Prerequisite(s): BY 322 or 332 or 373.
Lecture and discussion; topics to be posted in the Biology Department.

BY 481 Advanced Topics in Biology II (1)
Prerequisite(s): BY 322 or 332 or 373.
Lecture and discussion; topics to be posted in the Biology Department.

BY 503 Special Problems in Biology (2)
Special topics approved by instructor after consideration of students background. Grades: Pass/Fail.

BY 504 Problems in Biology (1)
Special topics approved by instructor after consideration of students background. Grades: Pass/Fail.

BY 525 Physiological Adaptations (3)
Prerequisite(s): BY 434 or its equivalent.
An in-depth survey of selected topics in comparative physiology. Interactions between organisms and their environments will be examined with an emphasis on molecular and cellular adaptations. Phenotypic differences in adaptations will serve as a central theme for this course. The course is designed to expose students to the various topics through lecture, primary literature, and lab presentations/activities.

BY 533 Advanced Plant Biology (3)
Study of plant biology consisting of lectures, discussions, investigative laboratory exercises on the topics of Plant Classification, Plant Anatomy and Reproduction, Plant Growth, and Development, the Physiology and Biochemistry of Plants, Plants Genetics and Molecular Biology, Plants Interactions with their Environments, and the Impacts of Plants to our Society.

BY 535 Functional Vertebrate Anatomy (3)
Prerequisite(s): BY 320 or equivalent or permission of the instructor. Lecture and demonstration. This course will emphasize the adaptations of vertebrate animals as revealed by morphology and will study the anatomy of vertebrates, as it relates to topics such as locomotion, reproduction, digestion, and physiology. In addition, molecular and morphological phylogeny of vertebrate groups using datasets will be studied.

BY 538 Population and Community Ecology (3)
This course addresses theoretical and applied issues at both the population and community levels. Topics include population and community structure/stability, trophic relations, population interactions, population and community dynamics, landscape ecology, and others. Discussion of primary literature will be a large part of this course. Lecture and lab.
BY 540 Invertebrate Relationships (3)
Prerequisite(s): Permission of the instructor.
An analysis of recently published research in the anatomy, morphology, phylogeny, and physiology of invertebrate animals. The major invertebrate phyla (including parasitic forms) will be emphasized; lecture, discussion, presentation, and lab exercises.

BY 542 Biodiversity; Kingdoms of Living Things (3)
Prerequisite(s): BY 332 or its equivalent.
Lectures and demonstrations. Biodiversity emphasizing systematic, phylogeny, structure, function, life cycles, ecology, and economics.

BY 546 Molecular Genetics (3)
Prerequisite(s): BY 322 or its equivalent or permission of the instructor.
A survey of molecular genetics focusing on the analysis of genomes, genes, and chromosomes. Discussion of modern genetic analysis techniques will be integrated into these topics. Biotechnology topics will include nucleic acid isolation methods, PCR, gene expression analysis, gene cloning, expression systems, proteomics, DNA sequencing, and molecular phylogenetic analysis.

BY 562 Symbiotic Associations (3)
Prerequisite(s): BY 322, 332, 373 or equivalent and one 400 level organismal courses.
Analysis of the nature and mechanism of symbiotic associations, including commensalism, mutualism, parasitism, that involve interactions between organisms.

BY 570 Seminar in Developmental Biology (2)
Prerequisite(s): Approval of the instructor.
Presentation, discussion, and analysis of recently published research in developmental biology of cells, tissues, and organ systems in plants, animals, or microbes; independent library research required.

BY 571 Seminar in Organismal Biology (2)
Prerequisite(s): Approval of instructor.
Presentation, discussion, and analysis of recently published research focusing on specific groups of organisms; independent library research required.

BY 572 Seminar in Ecology (2)
Prerequisite(s): Approval of instructor.
Presentation, discussion, and analysis of recently published research in plant, animal, or microbial ecology; independent library research required.

BY 573 Seminar in Cell Biology (2)
Prerequisite(s): Approval of instructor.
Presentation, discussion, and analysis of recently published research in cellular biology; independent library research required.

BY 574 Seminar in Evolutionary Biology (2)
Prerequisite(s): Approval of instructor.
Presentation, discussion, and analysis of recently published research in evolutionary biology; independent library research required.

BY 575 Seminar in Genetics (2)
Prerequisite(s): Approval of instructor.
Presentation, discussion, and analysis of recently published research in plant, animal, or microbial genetics; independent library research required.

BY 576 Seminar in Physiology (2)
Prerequisite(s): Approval of instructor.
Presentation, discussion, and analysis of recently published research in plant, animal, or microbial physiology; independent library research required.

BY 577 Seminar in Systematics (2)
Prerequisite(s): Approval of instructor.
Presentation, discussion, and analysis of recently published research in systematic biology; independent library research required.

BY 594 Biology Research Methods (1)
Prerequisite(s): Approval of instructor.
Introduction to diverse research methods and literature in the biological sciences. Includes topics such as, but not limited to, techniques in environmental analysis, microscopy, protein and nucleic acid analysis, biometry and population dynamics, and physiology.

BY 595 Research Project (3)
Prerequisite(s): BY 594, completion of at least 20 hours of graduate study in biology, and approval of instructor.
(3) (3). Completion of an acceptable original research paper; non-thesis option only. May be duplicated for credit for a total of 6 semester hours. (Grade: Pass/Fail).

BY 596 Research I (1)
Prerequisite(s): Approval of Application for Thesis Option and approval of instructor.
(1) (1). Original field and/or laboratory research in the biological sciences; thesis option only. May be duplicated for credit for a total of 2 semester hours. (Grade: Pass/Fail).

BY 597 Research II (2)
Prerequisite(s): Approval of Application for Thesis Option and approval of instructor.
(2) (2). Original field and/or laboratory research in the biological sciences; thesis option only. May be duplicated for credit for a total of 4 semester hours. (Grade: Pass/Fail).

BY 598 Research (3)
Prerequisite(s): Approval of Application for Thesis Option, BY 594 and approval of instructor.
(3) (3). Master's thesis research. May be duplicated for credit for a total of 6 semester hours. (Grade: Pass/Fail).

BY 599 Thesis (3)
Prerequisite(s): Dean's Approval and Approval of Application for Thesis Option.
(3) (3). See "Thesis Option and Procedures." May be duplicated for credit for a total of 6 semester hours. (Grade: Pass/Fail).

Business Administration (BA)

BA 500 Statistics and Quantitative Methods (3)
Quantitative methods and statistics as applied to business and economics; topics include optimization, descriptive statistics, probability theory, sampling and statistical inference, hypothesis testing, regression and correlation analysis, and analysis of variance.

BA 501 Organizational Communication (3)
Focuses on prevalent communication skills in complex organizations; students participate in a variety of communication-related activities including questionnaire design, developing presentation materials, presentational speaking, and researching and writing an effective business report; topics include organizational communication, nonverbal communication, and communication technology.
BA 545 Quantitative Methods for Business Decision Making (3)
Prerequisite(s): BA 500 or equivalent.
Provides scientific approaches to business problem solving using mathematics, statistics, and operations research/management science techniques. Examines advanced theories of linear programming, forecasting, decision models, project and inventory management, and simulation methods in business decision-making. Analytical computer packages are used to solve problems and case studies are used to help students to gain managerial insights to deal with real-world business problems.

BA 587 Business Policy and Strategy (3)
Prerequisite(s): at least 18 hours of M.B.A. course work including ACC 512, FIN 515 and MKT 513.
Corequisite(s): EC 515.
Prerequisite or Integrative study of strategic decision-making and policy formulation; extensive reading and case analysis. BA 587 must be taken at JSU.

BA 590 International Business (3)
Provides an integrated treatment of theory and applications relative to international business and the U.S. Includes the impact of cultural, legal, and environmental issues on business; understanding foreign exchange markets, foreign direct investment, and entry modes into developing markets; and analyzes international markets as prospective locations. Presents the world from diverse perspectives, including those of small and midsize international companies and developing country multinationals. Investigates motives and needs of global competitors, customers, and partners.

Career Technical Education (CTE)

CTE 500 History and Philosophy of Career Technical Education (3)
Investigation and study of the historical foundations and the philosophy of the profession of Career Technical Education.

CTE 506 Practicum in CTE (3)
Directed experiences including observation and participation in career technical education programs and classrooms. Provides opportunities to observe and teach as well as apply theories and concepts. Seminars will be held in conjunction with this course.

CTE 516 Methods of Teaching for CTE (3)
Planning and implementing instructional methods and materials in middle and secondary career technical education programs. Some field experiences are required.

CTE 544 Assessment of Learning for Career and Technical Education (3)
This course provides practice in implementing appropriate evaluation of learning at the middle and secondary level for Career and Technical programs.

CTE 550 Basic Competencies for Career and Technical Education (3)
Foundational skills needed to teach, organize, and maintain career and technical programs in middle and secondary schools. Requirements to meet state and federal guidelines are covered. Professional skills needed to secure and maintain employment in CTE Teaching Fields.

CTE 560 Advanced Methods for Teaching Career Technical Education (3)
Study of Advanced Methods for Teaching Career Technical Education.

Chemistry (CY)

CY 430 Environmental Chemistry (4)
Prerequisite(s): CY 232 and 321.
Lecture/3 hours; Lab/3 hours. Introductions to water, air, and soil quality and their measurements. Introduction to the problems, regulations, treatment, and ultimate disposal of hazardous and toxic waste materials. Spill clean-up, groundwater transport, land disposal, incineration and treatment technologies discussed.

CY 435 Advanced Topics in Chemistry (3)
Prerequisite(s): CY 232.
Advanced study of various topics in chemistry and chemistry related fields. This course is intended to be offered once per year, and topic selections will vary from year to year. See instructor. May be duplicated for credit for a total of 12 semester hours.

CY 471 Toxicological Chemistry (3)
Prerequisite(s): CY 232.
Study of the principles of toxicology including identification of, characterization of, and risk from environmental exposures to toxic substances.

Computer Science (CS)

CS 501 Database Management Systems (3)
Prerequisite(s): A programming language.
Information as corporate resource, data modeling, database design, implementation strategies and administration; security, information centers, decision support systems, mini- and microcomputer environment; teams of students will design and implement a relational database application.

CS 502 Research Methods and System Evaluation (3)
Prerequisite(s): Undergraduate or graduate statistics course.
Introduction to the research techniques and methodologies used to evaluate systems such as control systems, computer systems, security systems, and information systems. Topics include methodological foundations, qualitative research methods and quantitative research methods.

CS 521 Applied Software Engineering I (3)
Prerequisite(s): Admission to the MS in SSD program or permission of instructor.
Focuses specifically on methods that guide software engineers from requirements to code; provides broad understanding of current methods, and specific skills in using these methods.

CS 523 Applied Software Engineering II (3)
Prerequisite(s): SSD major or permission of instructor.
Provides knowledge and skills necessary to lead a project team, understand the relationship of software development to overall product engineering, and understand the software process.

CS 525 Advanced Web Applications Using Web Services (3)
Prerequisite(s): Undergraduate software engineering course or equivalent.
Utilization of various technologies and tools for developing Web applications using Web Services, emphasizing organizational issues, challenges, and security concerns related to the effective deployment of those applications. Students will evaluate real-world applications of Web services as well as the unique decision-making framework involved with their adoption while employing those lessons learned in practical solutions.
CS 530 Human-Computer Interaction (3)  
Prerequisite(s): Comprehensive undergraduate course in software engineering or industrial software engineering experience with a large project.  
Human-computer interface, human performance, diversity, and mental models, interaction devices, dialog and interface styles, documentation, and usability testing.

CS 534 Emerging Software Architectures and Methodologies (3)  
Prerequisite(s): Comprehensive undergraduate course in software engineering or industrial software engineering experience with a large project.  
Explores emerging technologies and contemporary development methodologies for large scale software systems; difficulties and benefits of software by component composition, component reuse and software architectures.

CS 536 Computational Intelligence (3)  
Prerequisite(s): Experience with an object oriented programming language.  
Introducing concepts, models, algorithms, and tools for development of intelligent systems. Example topics include artificial neural networks, genetic algorithms, fuzzy systems, swarm intelligence, ant colony optimization, artificial life, and hybridizations of the above techniques. Additional focus will be placed on research methodologies and preparing research papers and reports.

CS 538 Business Intelligence and Data Mining (3)  
Prerequisite(s): Undergraduate or graduate statistics course.  
Introduction to business intelligence and data mining methodologies and tools that enable users to analyze new patterns/relationships and develop insight for decision making. This course provides students thorough conceptual framework, discussion, and hands-on experience in business intelligence and data mining. Techniques that the course covers include, but not limited to, linear modeling, decision trees, association rules, classification rules, clustering & visualization, text mining methodologies. Topics covered will include business intelligence, data mining methods, predictive analysis, information quality, and a term project that applies the skills learned.

CS 540 Bioinformatics Algorithms (3)  
Prerequisite(s): Basic knowledge in probability and statistics, data structures, and algorithms.  
Provides fundamental background in bioinformatics, both theoretical and practical, to students in computer science or biological sciences. Provides the principles that drive an algorithm's design. Covers various topics such as DNA and RNA structure, gene structure and control, protein structure, sequence alignment production, homologous sequences searches, phylogenetic trees structure and interpretation.

CS 541 Digital Media: Theory and Processing (3)  
Study of the fundamentals of image and video processing. This course will use a mathematical framework to describe and analyze images and videos as two- and three-dimensional signals in the spatial, spatio-temporal, and frequency domains. Techniques for image and video compression, morphological processing, segmentation, enhancement and recovery will be presented.

CS 544 Applied Artificial Intelligence (3)  
Prerequisite(s): Undergraduate artificial intelligence course or equivalent. Survey of artificial intelligence emphasizing applications in business, industrial, and scientific system development; autonomous agents, data mining, pattern recognition, and machine vision.

CS 546 Advanced Management of Information Systems (3)  
In-depth study of the theories of information systems and their relationship to organization, decision-making and information management processes. Topics include information systems’ impact, strategic uses of information systems, technology adoption, enterprise computing architectures and infrastructures, information security and assurance, IT policy compliance, knowledge management and performance measurement.

CS 547 Wireless Networking and Security (3)  
Prerequisite(s): SSD major or permission of instructor.  
A study of advanced topics in computer networks with emphasis on wireless communications. Fundamentals of cellular communications, CDMA systems, wireless security, Wireless Application Protocols (WAP), Bluetooth, and new wireless technologies are also covered.

CS 550 Distributed Computing Systems (3)  
Prerequisite(s): Undergraduate course in computer networking or equivalent.  
Design and analysis of distributed computing systems; system architecture; load balancing and scheduling; remote procedure calls and message passing; distributed operating systems and database systems.

CS 555 Embedded and Real-Time Software Development (3)  
Prerequisite(s): SSD major or permission of instructor.  
In-depth study of requirements or real-time and embedded software; examination of operating systems, languages, and devices that support these systems; real-time multimedia applications emphasized.

CS 570 Advanced Computer Security (3)  
Prerequisite(s): Undergraduate operating system course or equivalent.  
Study of advanced network security architectures, models, benchmarks and metrics, cryptography, authentication and authorization protocols, secure application and systems development, federal regulations and compliance, and advanced security topics on intrusion detection, biometrics, web services, and data mining. Emphasis is on security professional certification.

CS 591 Special Topics in Computer Science (3)  
Prerequisite(s): Approval of the advisor and approval of the department head.  
(3) (3). Selected topics from current problems in computing; topics vary from semester to semester.

CS 592 Special Topics in Computer Science (3)  
Prerequisite(s): Approval of the advisor and approval of the department head.  
Selected topics from current problems in computing; topics vary from semester to semester.

CS 595 Studio Component (3)  
Prerequisite(s): Approval of the advisor and approval of department head.  
Provides students with a laboratory for direct application of concepts learned in course work; students will produce a variety of software products.

CS 596 Studio Component (3)  
Prerequisite(s): Approval of the advisor and approval of department head.  
Provides students with a laboratory for direct application of concepts learned in course work; students will produce a variety of software products.
Counselor Education (ECG)

ECG 500 Counseling Principles in Technological Applications (3)
Orientation to graduate courses and the counseling program. Review of APA and additional information regarding writing at the graduate level. Current technology in relation to the field of counseling will be emphasized. Course includes ten hours of group counseling experience and a series of personal assessments. Required of all counselor education students during the first semester of class.

ECG 501 Assessment in Counseling (3)
Examines the role of assessment in counseling and emphasizes basic techniques of appraisal and psychometric constructs associated with testing. Exposes students to a variety of educational and psychological tests. Emphasis in on those aspects important to the counselor as a consumer and administrator of testing information.

ECG 506 Professional Counseling Orientation and Technology (3)
Required first semester. This course presents an overview of historical and contemporary developments in the practice of professional counseling. Information related to: (a) professional roles and responsibilities; (b) professional organizations; (c) state and national credentialing; and (d) counselor advocacy will be addressed. This course will also provide instruction on technological use and applications in addition to program specific material for Clinical Mental Health Counseling and School Counseling majors. All students will be required to participate in a 10-hour group counseling experience.

ECG 523 Social & Cultural Diversity in Counseling (3)
This course is designed to assist students in understanding the impact of social/cultural forces upon identity development and formation. Students will explore various components of our pluralistic society and how oppressive systems can exclude and harm individuals. Change theory and advocacy principles will be introduced to aid students in dealing with these issues in their communities and with clients.

ECG 525 Pre-Practicum: Skills & Techniques in Counseling (3)
Prerequisite(s): ECG 506 and ECG 553. This course provides students an introduction to the counseling profession and helping relationships. The course will emphasize personal growth, self-awareness, and professional behavior. Students will experience the helping relationship as both client and counselor.

ECG 526 Professional Ethics and Legal Issues (3)
Focus on the skills and competencies necessary in dealing effectively with the complex ethical standards and legal guidelines corresponding to clinical mental health and school counseling settings. Students will gain experience in ethical decision-making and consultation with other professionals. Offered Fall and Summer Terms.

ECG 527 Organization and Administration of Counseling Services (3)
Function, organization and evaluation of guidance services in elementary and secondary schools, colleges, and junior colleges, and community agencies with emphasis on public schools. Topics include: 1) basic guidance services; 2) functions of school personnel; 3) organizational patterns for guidance services; 4) selection criteria training and certification of guidance personnel 5) organization of counseling, individual analysis, information placement and follow-up services; 6) administration of guidance services; 7) consultation services.

ECG 528 Introduction to Play Therapy (3)
This course is an introduction to the basic concepts of play therapy. Students will learn the basic concepts of play therapy, as well as the attitudes and skills necessary to establish and maintain facilitative relationships with children that encourage their expression, self-understanding, and personal growth and development.

ECG 529 Children and Grief (3)
This course provides the theoretical and clinical applications necessary to begin working with children facing grief and loss. The course is designed to give exposure to the dynamics of death, dying, and grief in the specific context of the developing child. The ultimate goal of the course is to provide the philosophical, theoretical, and practical foundation to effectively work with bereaved children who are confronted with grief and loss.

ECG 530 Couple, Marriage and Family Counseling (3)
This course provides an overview of the nature of family systems relationships and family development. Particular emphasis will be given to the theory and practice of marital and family therapy. Students will examine both theoretical and empirical elements of family counseling which can be applied to marriage and family systems. After 2013, offered Fall and Spring terms.

ECG 535 Rehabilitation Counseling (3)
This rehabilitation counseling course introduces the student to the legislative, historical, and philosophical roots of rehabilitation in America. A strong foundation of disability categories will be presented and discussed including physical, emotional, cognitive, and sensory disabilities. The course will introduce the student to the professional expectations, values, and ethical standards of the profession of rehabilitation counseling.

ECG 540 Psychopathology: Diagnosis and Treatment of DSM Disorders (3)
In this course the student will examine the history, description, definition, causes, and treatment of psychological disorders. Course topic areas will include psychological disorders throughout the life span, multiaxial assessment, DSM diagnosis, and treatment of the disorders. Offered Fall and Summer terms.

ECG 553 Theory and Process (3)
An examination of the major counseling theories and related techniques and an overview of the counseling relationship.

ECG 556 Career Development (3)
An introduction to career development theories and concepts and related resources and practices for career planning and decision-making.

ECG 558 Counseling Children/Adolescents (3)
Development of programs, practices, and techniques which address the unique needs of children and youth through college age.

ECG 559 Geriatric Counseling (3)
This course will provide students with skills and background information in counseling older adults, their family members and/or caretakers. In addition, this course will provide students with the opportunity to acquire a conceptual understanding of both the normal process of human aging, and variant processes.

ECG 560 Substance and Behavioral Addictions in Counseling (3)
This course will provide an overview of the addictive process and addictive behaviors (e.g., substance abuse and gambling). Theories of addiction counseling and application of these theories will comprise a significant part of this course, particularly with how they apply to work with individuals, couples, families and groups. Co-occurring disorders, such as process addictions and mental illnesses will also be addressed. Offered Fall and Spring terms.
ECG 565  Psychopharmacology (3)
This course provides an introduction to substance abuse counseling and related issues, including an overview of the historical context, etiological theories, and psychoactive impact of substances on the brain. The course will focus on assessment, diagnosis, and treatment of substance abuse/dependence with emphasis on clinical counseling practice informed by theory and research. Offered Spring and Summer terms.

ECG 573  Introduction to Student Personnel (3)
Historical and practical aspects of student personnel services and a review of the relationship of these services to each other and to student development.

ECG 578  Issues in Student Personnel (3)
Prerequisite(s): ECG 573.
Study of current issues and trends in the development and implementation of student personnel programs.

ECG 585  Practicum: Applied Skills & Techniques in Counseling (3)
Prerequisite(s): ECG 506, ECG 525, ECG 553, ECG 591, and passing score on Midpoint Exam.
Practicum is a clinical, experimental course that requires students to complete hours in a professional setting. The student will apply counseling techniques and skills in a supervised setting. The student will participate in the counseling process, refine techniques, and further enhance his/her therapeutic development.

ECG 588  Crisis Counseling Intervention Strategies (3)
Basic concepts and steps of crisis intervention with a focus on the background, dynamics, and strategies related to specific crises. Offered Spring and Summer terms.

ECG 589  Psychological First Aid & Disaster Counseling (3)
An examination of the principles of working with individuals who have experienced a crisis, disaster or other trauma-causing event. Issues addressed include: impact of crisis and disasters as well as diagnosis and treatment planning appropriate to disaster response in diverse populations; the role of the counselor as a member of an interdisciplinary emergency management response team; and theoretical models of crisis and disaster counseling. After 2013, offered Fall and Summer terms.

ECG 591  Group Procedures in Counseling (3)
Prerequisite(s): ECG 506 and 553.

ECG 593  Internship in School Counseling (3)
Prerequisite(s): Permission of the instructor, ECG 585, and a passing score in the appropriate Praxis II. Must be completed at JSU. A 300 clock hour supervised field experience in an appropriate K-12 school setting.

ECG 594  Internship in School Counseling (3)
Prerequisite(s): Approval of the instructor and ECG 585.
A 300 clock hour supervised field experience in an appropriate K-12 school setting. Must be completed at JSU.

ECG 595  Clinical Experience I in Mental Health Counseling (3)
Prerequisite(s): Permission of the instructor, ECG 585.
(3) Each course requires a 300 clock hour supervised field experience in an appropriate job setting; Clinical Experiences limited to three semester hours in enrollment periods of less than 15 weeks.

ECG 596  Clinical Experience II in Mental Health Counseling (3)
Prerequisite(s): Permission of the instructor and ECG 585.
Each course requires a 300 clock hour supervised field experience in an appropriate job setting; Clinical Experiences limited to three semester hours in enrollment periods of less than 15 weeks.

ECG 597  Internship in Student Personnel (3)
Prerequisite(s): Approval of the instructor and ECG 585.
A 300 clock hour supervised field experience in an appropriate job setting.

ECG 634  Advanced Counseling Theories (3)
Examination of a variety of counseling theories through selection, both individually and as a group, of theories on which to focus throughout the semester.

ECG 637  Advanced Career Counseling (3)
Laboratory-based course, merging contemporary career theory with actual field practice: selection and administration of a battery of assessment instruments to individuals at significant life stages, scoring and interpretation of the test battery; presentation of findings and recommendations.

ECG 646  Advanced Group Procedures in Counseling (3)
Various theories of group work, review of basic group leadership skills, and basics of group process; provides integration of concepts and skills; opportunities to lead groups with supervision and ongoing feedback, participation in demonstrations of various group models, writing of reaction/thought/positions papers.

ECG 655  Holistic Counseling: Spirit, Soul and Body (3)
An examination of counseling theory and related techniques that embrace holistic counseling that assesses and treats the whole person - spirit, soul, and body.

ECG 691  Action Research Counseling I (3)
Identification and analysis of problems specific to the current counseling environment with emphasis on development of innovative and unique solutions. To be taken near the end of the program.

ECG 692  Action Research in Counseling II (3)
Prerequisite(s): ECG 691.
Must be taken in the last semester of enrollment. Continuation of identification and analysis of problems specific to the current counseling environment with emphasis on development of innovative and unique solutions.

ECG 693  Supervision in Counseling (3)
Study of the supervision process in counseling highlighting legal and ethical issues, trends, multicultural considerations, and evaluation; both classroom seminars and supervision of master’s students in clinical experiences required.

Criminal Justice (CJ)

CJ 500  Seminar in Contemporary Criminal Justice Issues (3)
Overview of the criminal justice system and its various subsystems.

CJ 501  Applied Data Analysis for Criminal Justice (3)
Emphasis on the analysis of original and secondary criminal justice data.

CJ 502  Research Methods in Criminal Justice (3)
Social research methods and their application to administration of justice; in-depth examination of the role of social research in analysis, interpretation, and clarification of problems in the Criminal Justice System. CJ 502 is cross-listed with PSC 502 and only one course may be counted for credit.
CJ 503 Seminar in Law Enforcement (3)
In-depth analysis of police problems and practices.

CJ 504 Comparative Criminal Justice (3)
Critical comparative study of criminal justice systems in the U.S. with those in selected foreign countries including administration, organization, objectives, principal functions, and relationships with the people.

CJ 505 Criminal Justice Administration (3)
Analysis of problems and issues confronting the administrator in a criminal justice setting.

CJ 506 Seminar in Juvenile Justice (3)
Assessment of policies and practices of agencies involved in processing juvenile offenders through the Juvenile Justice System.

CJ 507 Seminar in Legal Issues (3)
In-depth study of contemporary legal issues faced by criminal justice professionals with emphasis on constitutional problems, as well as the judicial review of administrative decisions made by criminal justice organizations.

CJ 508 Seminar in Corrections (3)
Overview and critical analysis of contemporary correctional theory and practice.

CJ 509 Criminal Justice Planning, Evaluation, and Grant-Writing (3)
A study of planning and evaluation in criminal justice agencies, programs, and the preparation of grant proposals.

CJ 512 Directed Study in Criminal Justice (3)
Prerequisite(s): Approval of department head and approval of instructor. Preparation, completion, and submission of an acceptable individual project. May be duplicated for credit for a total of 6 semester hours. (Grade: Pass/Fail).

CJ 515 Applied Ethics (3)
Application of ethical theories and systems to practical ethical problems and dilemmas encountered in criminal justice practices and professions.

CJ 516 Seminar in Forensic Investigation (3)
Provinces of the court and jury; burden of proof, probability and documentary and physical evidence; expert witness and preparation of scientific exhibits for court.

CJ 521 Seminar in Criminological Theory (3)
Analysis of historical and contemporary theories and analytical models of crime causation with emphasis on classical, positivist, social defense, and critical schools of thought.

CJ 523 Seminar in Victimology (3)
Comprehensive study of victimization including victim-precipitated crimes; analysis of contemporary victim-compensation programs and victim restitution as a punitive measure.

CJ 525 International Criminality and National Security (3)
National, international, and transnational terrorism and the problems they pose for the criminal justice system; prevention and control of terrorist activities.

CJ 526 Special Topics in Criminal Justice (3)
(3). An examination of contemporary issues in criminal and juvenile justice not addressed in other courses. May be duplicated for credit for a total of 6 semester hours.

CJ 527 Seminar in Criminal Behavior and Personality (3)
Prerequisite(s): CJ 521 or approval of instructor.
A study of the typologies of delinquent and criminal behavior from behavioral and psychological perspectives with particular focus on clinical behaviors frequently associated with delinquents and criminals.

CJ 528 Seminar in Correctional Counseling (3)
The study and practical application of effective correctional counseling and treatment methodologies for youthful and adult offenders.

CJ 598 Directed Reading (3)
Prerequisite(s): Approval of department head and approval of instructor. Selected topics appropriate to student's course of study as determined by faculty advisor. May be duplicated for credit for a total of 6 semester hours. (Grade: Pass/Fail).

CJ 599 Thesis (3)
Prerequisite(s): Dean's Approval and Approval of Application for Thesis Option. (3) (3). See "Thesis Option and Procedures". (Grade: Pass/Fail).

**Doctor of Nursing Practice (DNP)**

DNP 796 DNP Project Planning and Development (3)
A seminar course designed to assist the student in selecting and area of interest within a practice specialization, and in demonstrating professional competencies related to that area of interest. The student is expected to integrate knowledge, theory, and research to address the selected area of interest through project and portfolio development.

DNP 797 DNP Residency I (3)
Prerequisite(s): DNP 796.
The DNP Residency I is the first of three Clinical Residency courses that are considered a key component of the Doctor of Nursing Practice educational program. The purpose of this course is to combine clinical practice experiences with scholarly activities to provide in-depth learning for the student. The focus of this course is on the continued development and implementation of a practice-focused problem, issue or process that will be evaluated during the DNP Clinical Residency courses. The emphasis of this course is on the acquisition of knowledge and skills necessary to initiate the translation of evidence-based practice and clinical scholarship that is impacting the healthcare system, in order to decrease risk and improve health care outcomes for the population served. Grades: P/F (210 practicum hours)

DNP 798 DNP Residency II (3)
Prerequisite(s): DNP 796 and DNP 797.
The DNP Residency II is the second of three Clinical Residency courses that are considered a key component of the Doctor of Nursing Practice educational program. The purpose of this course is to combine clinical practice experiences with scholarly activities to provide in-depth learning for the student. The focus of this course is on the continued development and implementation of a practice-focused problem, issue or process that will be evaluated during the DNP Clinical Residency courses. The emphasis of this course is on the acquisition of knowledge and skills necessary to continue the translation of evidence-based practice and clinical scholarship that is impacting the healthcare system, in order to decrease risk and improve health care outcomes for the population served. Grades: P/F. (210 practicum hours)

DNP 799 DNP Thesis (3)
Prerequisite(s): DNP 796. The DNP Thesis is the third of three Clinical Residency courses that are considered a key component of the Doctor of Nursing Practice educational program. The purpose of this course is to combine clinical practice experiences with scholarly activities to provide in-depth learning for the student. The focus of this course is on the continued development and implementation of a practice-focused problem, issue or process that will be evaluated during the DNP Clinical Residency courses. The emphasis of this course is on the acquisition of knowledge and skills necessary to continue the translation of evidence-based practice and clinical scholarship that is impacting the healthcare system, in order to decrease risk and improve health care outcomes for the population served. Grades: P/F (210 practicum hours)
DNP 799 DNP Residency III (3)
Prerequisite(s): DNP 796, DNP 797, and DNP 798.
The DNP Residency III is the final Clinical Residency course that is considered a key component of the Doctor of Nursing Practice educational program. The purpose of this course is for the student to present and receive approval for the final Scholarly Project. The focus of this course is on the final development and implementation of a practice-focused problem, issue or process that was pursued during the DNP Clinical Residency courses. The emphasis of this course is on the acquisition of knowledge and skills necessary to continue the translation of evidence-based practice and clinical scholarship that is impacting the healthcare system, in order to decrease risk and improve health care outcomes for the population served. Grades: P/F. (210 practicum hours)

Drama (DR)

DR 475 Special Problems in Drama (3)
Prerequisite(s): Permission of instructor.
Individually designed and supervised research projects or production assignments.

DR 560 Dramatic Literature Projects (3)
Individually designed and supervised projects combining research and practical work in specific areas of theatrical endeavor.

DR 581 Directed Studies (3)
(3) (3). Independent research in areas of drama: literature, directing, acting, design, and education. May be duplicated for credit for a total of 6 semester hours.

Early Childhood Education (ECE)

ECE 500 Materials and Methods (3)
Twenty-first century instructional processes, program, and strategies for teaching and learning in P-3 classrooms.

ECE 501 Behavior and Development in Early Childhood (3)
Physical, emotional, intellectual, and social components of development, their interrelationships and their effect on later functioning; psychological principles.

ECE 507 Assessment in Early Childhood Education (3)
Review the use of assessment procedures which are developmentally appropriate for the use in early childhood education. Replaces EFD 501.

ECE 510 Early Childhood Math and Science for the 21st Century (3)
This course will acquaint graduate candidates with methods, materials, and developmentally appropriate practice to integrate 21st century tools in teaching math and science for P-3 students.

ECE 512 Practicum in Early Childhood Special Education (3)
Prerequisite(s): A passing score on the appropriate PRAXIS II exam is required prior to taking this course.
Practicum experiences working with the young handicapped child, ages infancy to eight.

ECE 513 Individualization of Education for Young Children (3)
Prerequisite(s): Approval of instructor.
Methods and procedures for individualizing instruction.

ECE 530 Practicum for Young Children (3)
Theory, school design, scheduling, and equipment. A practicum is required. Not open to students enrolled in Ed.S. programs.

ECE 533 Enhancing Learning Through Children's Literature (3)
Corequisite(s): EED 530, RDG 520 and RDG 521. Techniques and strategies to utilize children's literature to enhance the early childhood curriculum. ECE 533 is cross-listed with EED 533 and only one course may be counted for credit.

ECE 539 Teaching Writing in Early Childhood Education (3)
Theories, methods, and current research involving writing instruction; emphasis on P-3.

ECE 540 Intervention in the Early Childhood Classroom (3)
Theory and research-based practices used in early childhood education and early education special education. Emphasis on strategies to plan developmentally appropriate activities for all children.

ECE 545 Literacy Interventions in the Early Childhood Classroom (3)
Current trends in assessing literacy development and providing intervention in identified problems will be addressed in this course. Theories, assessments, and strategies used in reading and writing interventions for emerging and beginning readers and writers who may be at risk for difficulties in language literacy will be discussed. These strategies include, but are not limited to, phonemic awareness, phonics, fluency, vocabulary and comprehension. The development of individualized and small group reading programs designed to match student needs will be addressed. Assessments such as running records, spelling inventories, evaluating writing samples, and interpreting test scores such as DIBELS and Global Scholar will also be discussed.

ECE 561 Teacher as Researcher/Issues and Trends in ECE (3)
Exploration of current research and issues and trends in early childhood education; review and comparison of selected teacher research projects, and examination of the concept and practice of teacher research as a strategy to build school collaboration and strengthen the professional role of teachers. ECE 561 is cross-listed with EED 631 and only one course may be counted for credit.

ECE 562 Professional Publications in Early Childhood Education (3)
Prerequisite(s): ECE 631.
Opportunity for students to develop and refine professional writing skills. ECE 562 is cross-listed with EED 642 and only one course may be counted for credit.

Economics (EC)

EC 485 Field Experience (3)
Field trip to New York City to study important New York business and economic sites, such as the New York Stock Exchange, the Federal Reserve, the Fulton Fish Market, a large international bank, an advertising agency, a bond advisory company, and other tours relevant to economics. Summer only.

EC 515 Managerial Economics (3)
Prerequisite(s): EC 200.
Advanced study of microeconomic principles, with analysis applied to actual business management situations.

EC 589 Internship in Economics (3)
Prerequisite(s): Approval of the instructor and approval of the MBA Director.
Provides the graduate student with practical experience in the field of economics via a "real-world" work experience arrangement. Grades: Pass/Fail.
EC 598 Independent Research (3)
Prerequisite(s): Complete of 18 semester hours of graduate courses including a three semester hour quantitative course. Approval of the instructor and approval of the MBA Director. In-depth study of selected topic(s).

Education (ED)

ED 500 Introduction to Graduate Education and Technology (1)
An introductory course for all graduate programs in the College of Education & Professional Studies. It is a requirement for all graduate students (Alternative 5th Year Masters Class A Certificate), and is required during the first semester of classes.

ED 501 Introduction to Graduate Teacher Education (3)
This is an introductory course to graduate teacher education and the School of Education Conceptual Framework. Such a course is a requirement for all initial education candidates including Alternative-A Master’s candidates, and corresponds to the ED 300 undergraduate requirement. ED 501 is required prior to any practicum courses in the Alternative-A Master’s Program and is required prior to teacher education program eligibility. ED 501 can be taken in the first semester of graduate course work.

ED 508 Internship in Applied Teaching and Learning (3)
This course is for teacher candidates whose edTPA submissions did not meet the professional performance standards as defined by the Alabama Department of Education. This course will include an internship clinical experience coupled with support and guidance for the edTPA. Enrollment in ED 508 requires permission of the Department Head and approved edTPA retake plan designed by the candidate and the assigned academic program faculty member.

ED 510 Academic Research for the Teacher (3)
Requires Teacher Education Program eligibility. An interpretation and conceptualization of research in education with a focus on how to locate, read, and analyze research as well as educational implications.

ED 595 Internship in Education (3)
Prerequisite(s): Approval of academic adviser. Corequisite(s): To be taken concurrently with ED 596 Reflective Practices in Education (3). Grade: Pass or Fail only. Internship will be under the supervision of a cooperating teacher and a university supervisor. Internship is a semester-long course.

ED 596 Reflective Practices in Education (3)
Corequisite(s): To be taken concurrently with ED 595 Internship in Education (3). This course contributes to the preparation and meaningfulness of the student internship and is a hybrid course. This hybrid course is a blend of face-to-face instruction with online learning. Grade: Pass/Fail

Education Administration (EAD)

EAD 510 Action Research (3)
A study of the basic elements of action research design with effective research and evaluative strategies.

EAD 553 Instructional Leadership (3)
Principles of curriculum development, staff development, and instructional leadership at the local school and system levels.

EAD 556 Management of Student Services (3)
Procedures and policy development with regard to student services and school management.

EAD 562 School Administration (3)
Analysis of basic concepts of school administration with special emphasis on leadership, management, and administration.

EAD 563 School Finance (3)
Procedures and practices in educational finance and budgeting at local, state, and national levels.

EAD 564 Law and Politics of Education (3)
Legal and political structures under which public schools function with emphasis on school-community interaction and student services.

EAD 566 Internship in Educational Administration (3)
Supervised field-based experience; observation, study, and analysis of the administration of educational programs in selected schools; requires a minimum of 300 clock hours of supervised internship. Should be scheduled at the end of a student’s program. A student must be in the last or next-to-last semester of study to register for this course. Must be completed at JSU. Fall and Spring only.

EAD 576 Internship in Instructional Leadership (3)

EAD 610 Research in Educational Administration (3)
Introduction to and utilization of essential research skills with an emphasis on application, ethics, and report-writing as commonly needed in the field; should be scheduled early in the program.

EAD 622 Effective Schools Research (3)
Critique of research literature on effective schools and effective instruction with implications for school administrators.

EAD 636 School Plant Planning (3)
Procedures and issues related to design, development, and operation of educational plant facilities.

EAD 637 School Personnel Administration (3)
Procedures and issues related to administration of effective and efficient school personnel programs.

EAD 648 Curriculum Issues in Administration (3)
Analysis and discussion of curriculum issues and application of a process approach to curriculum review and development in the local school/school district level.

EAD 655 Supervision and Staff Development (3)
Study of theories of supervision; assessing, planning, implementing, and evaluating staff development programs; mentorships. Open to educational majors only.

EAD 681 Problems in Educational Administration I (3)
Prerequisite(s): EAD 610. Development of a practical problem-solving process in relation to the administration of schools and school systems. This course culminates in a public presentation of a school-based problem-solving project. Course must be scheduled near the end of a student’s program.

EAD 682 Problems in Educational Administration II (3)
Prerequisite(s): EAD 681. Continuation of practical problem solving in relation to the administration of schools and school systems culminating in a public presentation of a school-based problem-solving project.

Education Foundations (EFD)

EFD 500 Research in Education (3)
An interpretation and conceptualization of research in education with a focus on how to locate, read, and analyze research as well as educational implications.
EFD 501 Tests and Measurements (3)
Emphasizes statistical underpinnings of testing, technical aspects of measurement, process of test development, interpretation of test scores, sources of testing information, and standardized instruments. Counselor Education students with a community agency counseling concentration may take PSY 512 in lieu of this course by advisement only.

EFD 502 Curriculum Development (3)
Overall process of curriculum construction and revision.

EFD 504 Statistical Applications Lab (1)
Corequisite(s): EFD 500 Research in Education. For counselor education majors only. Application and interpretation of descriptive statistics in counseling research. Topics include properties of normal distribution, defining and measuring variables, frequency distributions, measures of central tendency, measures of variability, z-scores, correlation, and reliability computations. Computer software programs such as SPSS and Excel will be used to summarize, describe, present, and interpret data.

EFD 510 Proactive Orientation for Teachers (3)
Orientation to organizational theory, site-based management, leadership skills, decision-making skills, and problem-solving strategies in secondary schools.

EFD 515 Seminar in Schools and Learning (2)
Survey of the psychological, sociological, philosophical foundations of American education.

EFD 521 Independent Research (1)
Prerequisite(s): Approval of the instructor and approval of the department head.

EFD 522 Independent Research (2)
Prerequisite(s): Approval of the instructor and approval of the department head.

EFD 523 Independent Research (3)
Prerequisite(s): Approval of the instructor and approval of the department head.

EFD 531 Philosophy of Education (3)
Contemporary philosophies of education, their historical development, and the beliefs tantamount to each.

EFD 532 Social Foundations of Education (3)
Analysis of current issues and trends throughout society with implications for education.

EFD 552 Diversity Issues in Education (3)
Study of issues in multiculturalism, globalization and comparative education as they influenced educational leadership, school curricular design and emerging educational policy.

EFD 560 Psychological Principles of Learning (3)
Advanced study of nature of knowledge, learning, and learner with emphasis on the teaching-learning process.

EFD 594 Seminar in Contemporary Education (3)
Selected contemporary problems in education.

EFD 615 Leadership in Education (3)
Study of theories, models, and techniques for enhancing effective leadership in group settings in the context of site based management; practical applications through self-analysis and skill development.

EFD 620 Measurement and Evaluation in Education (3)
Current issues in educational measurement and evaluation, including qualitative and quantitative data analysis and strategies for program development and improvement.

EFD 632 Assessment in Education (3)
Current issues in educational assessment, including qualitative and quantitative approaches, strategies for program development and improvement.

EFD 633 Funding for School Improvement (3)
Developing federal, state, and local grant resources to enhance school improvement.

EFD 645 Contemporary Challenges in Multicultural Education (3)
This course is designed to prepare leaders to meet the needs of a diverse student population and focus on education through sociological and cultural lenses.

EFD 670 Facilitating Quality Instruction in Mathematics with Colleagues (3)
Facilitating Quality Instruction in Mathematics with Colleagues (3) Provides opportunities to gather, interpret, and to work with teachers to evaluate materials and best practices related to the teaching of mathematics. Evidence of inquiry may include presentations, lesson plans, projects and lessons taught by teachers.

EFD 672 Facilitating Quality Instruction in Literacy with Colleagues (3)
Facilitating Quality Instruction in Literacy with Colleagues (3) provides opportunities to gather, interpret, and to work with teachers to evaluate materials and best practices related to the teaching of literacy. Evidence of inquiry may include presentations, lesson plans, projects and lessons taught by teachers.

EFD 681 Problems in Education I (3)
Prerequisites for ECE and EED majors: ECE/EED 631 and ECE/EED 642. Identification and analysis of problems specific to the current educational environment with emphasis on development of innovative and unique solutions. Must be taken after all basic and concentration requirements have been successfully completed.

EFD 682 Problems in Education II (3)
Prerequisite(s): EFD 681. Continuation of identification and analysis of problems specific to the current educational environment with emphasis on development of innovative and unique solutions. Must be taken in the last semester of enrollment.

EFD 691 Advanced Research in Education I (3)
Prerequisite(s): To be taken towards the end of the program. Identification and analysis of problems specific to the current educational environment with emphasis on development of innovative and unique solutions. Must be taken after all basic and concentration requirements have been successfully completed.

EFD 692 Advanced Research in Education II (3)
Prerequisite(s): EFD 691. Continuation of identification and analysis of problems specific to the current educational environment with emphasis on development of innovative and unique solutions. Must be taken in the last semester of enrollment.

Educational Psychology (EPY)

EPY 525 Lifespan Development (3)
A study of principles and concepts of physical, cognitive, personality, and social development from birth through death.
EPY 529 Developmental Psychology (2)  
Corequisite(s): EPY 430.  
Covers stages of physical, cognitive, and social-emotional development in school-aged persons from a global and multicultural perspective. This course is a prerequisite for ESE 404 and ESE 484. Requires Teacher Education Program eligibility.

EPY 542 Educational Measurement (2)  
An introduction to measurement and evaluation of students’ achievement. The construction of bias free, teacher generated, paper-pencil, achievement tests, uses of standardized assessments in school settings, and descriptive statistics are covered. Requires Teacher Education Program eligibility.

EPY 592 Individual/Group Appraisal (3) 
Prerequisite(s): EFD 501 or equivalent. Evaluation of assessment instruments and programs. Underlying concepts of assessment methods, practice in administration and interpretation of standardized tests, and evaluation of assessment instruments and programs.

Elementary Education (EED)

EED 509 Advanced Twenty-First Century Teaching and Learning (3)  
Prerequisite(s): Requires Teacher Education Program eligibility. This course is designed to guide graduate teacher candidates to critically examine local school culture and/or teaching practice, set reasonable and appropriate 21st Century goals for change, and plan/conduct an action research project to achieve identified objectives.

EED 511 Mathematics for Children (3)  
Prerequisite(s): Math 112 and other core math courses. Corequisite(s): EED 512, 513, and 514. Materials and methods in the teaching of elementary mathematics concepts and processes. Requires Teacher Education Program eligibility.

EED 512 Science for Children (3)  
Prerequisite(s): All core science courses. Methods, materials, laboratory demonstration, and organization of science concepts and processes taught in the elementary grades. Requires Teacher Education Program eligibility. Taken in conjunction with EED 511, EED 513 and EED 514.

EED 513 Curriculum Integration in Teaching Social Studies (3)  
Prerequisite(s): Requires Teacher Education Program eligibility. Corequisite(s): EED 511, EED 512, and EED 514. Methods and materials of teaching social studies in the elementary graduates.

EED 514 Practicum in Content Block (3)  
Prerequisite(s): Requires Teacher Education Program eligibility. Corequisite(s): EED 511, EED 512, and EED 513. This course provides prospective teachers an opportunity to observe, analyze, and apply mathematics, science, and social studies concepts and theories in schools and classrooms.

EED 522 Classroom Assessment for Learning (3)  
This course is designed to help elementary teachers gain an understanding of classroom assessment, current trends and issues involving classroom assessment, and how to use assessment to be a more effective teacher and enhance student learning.

EED 530 Methods for Language and Literacy Development (3)  
Prerequisite(s): Admission to Graduate Studies. Corequisite(s): RDG 520, RDG 521, ECE 533. Must meet Teacher Education Program eligibility. The purpose of this course is to provide information regarding methods, materials, and research findings related to language and literacy development of early childhood and elementary students.

EED 533 Enhancing Learning through Children's Literature (3)  
Corequisite(s): EED 530, RDG 520 and RDG 521. Techniques and strategies to utilize children’s literature to enhance the elementary education curriculum. EED 533 is cross-listed with ECE 533 and only one course may be counted for credit.

EED 540 Curriculum Integration in Elementary Education (3)  
Designed to examine the literacy needs of elementary students within the content areas of language arts, math, science, and social studies, as well as the literacy needs for English Language Learners (ELL). Because literacy skills are so crucial to success in school, the course will focus on strategies and their application to the above content area.

EED 541 Teaching Mathematics (3)  
Advanced course in materials and teaching techniques for improving math concepts and skills.

EED 543 Social Studies and Today's Learner (3)  
Advanced course in materials and methods of teaching social studies.

EED 544 Teaching Science (3)  
Problems in development of science program in the elementary school; facilitating children's learning of science & its concepts and attitudes.

EED 545 Teaching Language Arts (3)  
Scope and sequence of total language arts program in the elementary school; individual research projects. EED 545 is cross-listed with RDG 545 and only one course may be counted for credit.

EED 548 Materials and Methods for the Multicultural Classroom (3)  
Advanced course in materials and methods of teaching for the multicultural classroom.

EED 549 Teachers as Leaders in the Elementary Classroom (3)  
Current teaching practices examined in scheduled seminars and then implemented in an elementary classroom setting. Online assignments will augment and correspond with practicum experiences. It is a requirement for all JSU students who are completing a practicum or internship to be covered by professional liability insurance during the time of the practicum in the amount of $1,000,000. Not open to students enrolled in Alternative Fifth-Year Teacher Certification or Ed.S. programs.

EED 550 Diversity in Today's Classroom (3)  
Prerequisite(s): Requires Teacher Education Program eligibility. Course provides information to educators, equipping them to work with ESL students, while incorporating curricular planning and instructional techniques specific to the diverse learner.

EED 554 Integrating STEM and STEAM Into Practice (3)  
This advanced online course examines the underlying philosophies and foundations of the accomplished elementary science teacher.

EED 631 Teacher as Researcher/Issues and Trends in EED (3)  
Exploration of current research and issues and trends in elementary education; review and comparison of selected teacher research projects, and examination of the concept and practice of teacher research as a strategy to build school collaboration and strengthen the professional role of teachers. EED 631 is cross-listed with ECE 631 and only one course may be counted for credit.
EED 642 Professional Publications in Elementary Education (3)
Prerequisite(s): EED 631.
Opportunity for students to develop and refine professional writing skills. EED 642 is cross-listed with ECE 642 and only one course may be counted for credit.

Emergency Management (EM)

EM 505 Foundations of Emergency Management (3)
History of the profession; contemporary emergency management concepts, functions, and practices for government, nonprofit organizations, and the private sector.

EM 511 Disasters and the Media (3)
Course examines the portrayal of disasters in electronic and print media. Emphasis will be on the impact that newspapers, websites, television, social media, and film have on affecting individual and societal constructions of natural disasters, terrorist attacks, and man-made disasters.

EM 515 Legal Aspects of Emergency Management (3)
Legal context and constraints for emergency management; administrative law, administrative discretion, and liability.

EM 521 Exercise Design and Evaluation (3)
Introduction to the fundamentals of exercise design, development and implementation. Includes a review of different types of exercises, how they are used, and how they are conducted. Provides students with the knowledge and skills necessary to develop and conduct disaster exercises that test a community’s emergency response plan and capabilities.

EM 525 Disaster Recovery (3)
Prerequisite(s): EM 505.
Processes for short- and long-term recovery for individuals, families, and communities; provision of recovery assistance by both public and voluntary sectors.

EM 526 Advanced Radiological Incident Operations (3)
The course provides students with the advanced skills necessary to safely respond to and manage incidents involving radiological hazards. Participants apply these skills in exercises based on realistic radiological incident scenarios, set within the ICS structure. Students are required to complete the FEMA resident course PER-905 at the Center for Domestic Preparedness.

EM 528 Maritime Transportation Security (3)
Historical aspects of shipping vulnerability including: seaports, ships, cargoes, operations, commerce, government coordination, international security conventions and practices, and related technology. Case studies of recent events and new initiatives in International maritime transportation security will be examined.

EM 530 Research Methods in Emergency Management (3)
Comprehensive coverage of major analytical and statistical tools used in emergency management program administration.

EM 535 Terrorism and Homeland Security (3)
Prerequisite(s): EM 505.
Incident management approaches for domestic and international terrorism; anti- and counter-terrorism organizational roles, responsibilities, and coordination, homeland security initiatives.

EM 540 Hazard Mitigation (3)
Prerequisite(s): EM 505.
Mitigation concepts, implementation approaches, and planning.

EM 545 Emergency Preparedness (3)
Prerequisite(s): EM 505.
Preparedness frameworks and strategies; techniques of emergency operations planning, exercise design and evaluation, and public education.

EM 548 Vulnerability and Capacity-Building (3)
Prerequisite(s): EM 505.
Individual, social, economic and policy dimensions of vulnerability and client needs for disaster; service delivery strategies, coordination models, resource management and capacity building for nonprofit disaster relief organizations.

EM 555 Disaster Response (3)
Prerequisite(s): EM 505.
Context of disaster response, response functions, assessment, resource mobilization and adjudication, and emergency operations center (EOC) operations.

EM 556 Management Systems in Disaster (3)
Prerequisite(s): EM 505, EM 525, and EM 555.
Integration of emergency management functions, response structures, technology use, information management, and decision-making.

EM 568 Crisis Management for Business and Industry (3)
Prerequisite(s): EM 505.
Contingency planning, business impact analysis, business resumption processes, risk/crisis communication and management, disaster recovery and organizational continuity.

EM 570 Biosecurity (3)
A detailed review of global concerns for biosecurity including the history of biological warfare, bioterrorism, concerns for agroterrorism and current initiatives in biodefense. Included will be a thorough review of specific agents, the diseases they cause, detection methodologies, and consequence management considerations.

EM 575 Medical Aspects of Emergency Management (3)
Prerequisite(s): EM 505.
Surveillance and rapid needs assessment, disaster epidemiology, disaster medical systems and approaches, and disaster mental health.

EM 576 Healthcare Leadership for All Hazards Incidents (3)
The course provides healthcare professionals with a foundation of knowledge on which to make critical decisions during various disaster scenarios affecting healthcare and public health systems. Students are required to complete the FEMA resident course MGT-901 at the Center for Domestic Preparedness.

EM 578 Advanced Public Information Officer for Health and Hospital Emergencies (3)
The Advanced Public Information Officer for Health and Hospital Emergencies course is a four-day course that combines lectures, facilitated discussion, activities, and exercises, allowing participants to apply knowledge and skills to manage a Joint Information Center (JIC) in a healthcare emergency situation. The course has a healthcare focus but benefits all response disciplines. Students are required to complete the FEMA resident course MGT-902 at the Center for Domestic Preparedness.

EM 580 Current Issues in Homeland Security (3)
The examination of current issues and concerns with Homeland Security including upcoming National Special Security Events that mandate comprehensive security planning and response capabilities. Innovations and reactions from politicians and citizens will serve to offer students insight into the challenges of implementing and maintaining homeland security.
EM 581 Disaster Analysis (3)
This course will focus on modeling and simulation of high consequence events as a means of preparing emergency managers for future disasters. Several types of high consequence events will be examined from the perspectives of preparedness, prevention, decision-making and effective response.

EM 585 The Military’s Role in Disaster Relief (3)
Prerequisite(s): EM 505.
A historical review of the military role in disaster relief and humanitarian support missions. Primary emphasis will be on recent case studies of major disasters. The course will also discuss the possible expanding role of the military in future natural disasters and CBRN events. Students will conduct a small research project to explore a current issue surrounding the use of the US military in domestically-based incidents.

EM 590 Capstone in Emergency Management (3)
Prerequisite(s): Permission of Department.
Integration and synthesis of theory and practice for emergency management. Should be taken in the last term of program of study.

EM 595 Directed Studies (3)
Prerequisite(s): Approval of instructor and program director.
In-depth study of selected topic of special project.

EM 596 Internship (3)
Prerequisite(s): Approval of instructor and program director.
Supervised practice experience in a professional emergency management setting.

EM 598 Emergency Management Leadership and Organizational Behavior (3)
Prerequisite(s): EM 505.
Leadership and organizational theory for emergency management; conflict management, use of power, group dynamics, and team performance.

EM 802 Integrative Seminar (2)
On-campus integrative seminar during the first three years of program of study. Specialized topics include how to review and critique scholarly literature and research finding, how to present scholarly work at conferences, and how to write for journal publication. Opportunities for students to exchange ideas, present their work, and interact with faculty. Includes special topics of current interest.

EM 804 Integrative Seminar (2)
On-campus integrative seminar during the first three years of program of study. Specialized topics include how to review and critique scholarly literature and research finding, how to present scholarly work at conferences, and how to write for journal publication. Opportunities for students to exchange ideas, present their work, and interact with faculty. Includes special topics of current interest.

EM 806 Integrative Seminar (2)
On-campus integrative seminar during the first three years of program of study. Specialized topics include how to review and critique scholarly literature and research finding, how to present scholarly work at conferences, and how to write for journal publication. Opportunities for students to exchange ideas, present their work, and interact with faculty. Includes special topics of current interest.

EM 812 Disaster Management Principles and Practice (3)
In depth analysis of disaster management principles and practice, including historical and emergent trends and conditions relevant to the current state-of-the-practice and standards, plus future development.

EM 814 Interdisciplinary Disaster Theory and Research (3)
Examination of the major theoretical topics, questions, and literature that inform the discipline and practice of emergency management, with topics including the nature of disaster, human and organizational behavior under stress, and risk perception and communication. An interdisciplinary approach whereby students think critically about the epistemological assumptions of alternative theoretical perspectives and divergent policy approaches.

EM 823 Institutional Context and Emergency Management Policy (3)
Analysis of political, administrative, and fiscal relationships among governments in the provision of emergency management programs and disaster relief policy in the American political system. Exploration of the role of society in shaping institutions and how these institutions influence and structure public policy making and administration.

EM 825 Systems Thinking and Applications in Emergency Management (3)
Analysis and application of systems thinking concepts and methodologies to problems encountered in emergency management.

EM 832 Hazards Risk Management and Community Resilience (3)
Tools and methods used to manage risk associated with the hazards facing a community; role of emergency management programs in community resilience and sustainability.

EM 834 Risk-Based Response and Recovery Strategy Development and Operations (3)
Explores strategies public officials employ to cope with disasters and their impacts, risk-based operational considerations and management structures.

EM 843 Emergency Management Program Management (3)
Examines emergency management functional demands and program delivery on a day-to-day basis; considers managerial practices such as communication with the public, the meaning of public service, making effective presentations to governing boards and legislatures, effective meetings and group facilitation, citizen engagement, media relations, and ethics.

EM 853 Research Design (3)
Social science research methods including research design and approaches to inquiry (quantitative, qualitative, experimental, evaluation), the role of theory in empirical research, causal inference, and reporting and reviewing research.

EM 855 Advanced Data Analysis (3)
Prerequisite(s): EM 853 - may be taken concurrently.
An examination of statistical and research techniques appropriate to emergency management applied research, including descriptive statistics, probability theory, sampling and statistical inference, hypothesis testing, regression and correlation analysis, analysis of variance, modeling and techniques for data reduction (e.g. factor analysis).

EM 862 Cost-Benefit Analysis (3)
Prerequisite(s): EM 853 and EM 855.
Research, measurement and methodological requirements for the assessment of benefits and costs of programs and projects.

EM 864 Qualitative Research (3)
Prerequisite(s): EM 853 and EM 855.
Examination of qualitative methods that can be applied in the study of disasters; explores a range of activities necessary to perform disaster field research.
EM 866  Evaluation Research (3)
Prerequisite(s): EM 853 and EM 855.
Practical application of appropriate social science research methodology
to assess the efficiency and effectiveness of public sector and nonprofit
policies and programs, with topics including how to develop an evaluation
plan; evaluation types such as process, impact, cost-benefit, and cost-
effectiveness evaluations; and management of evaluation projects.

EM 868  Directed Research (3)
Prerequisite(s): Consent of program director.
Directed reading and research in fields of special interest.

EM 869  Directed Research (3)
Prerequisite(s): Consent of program director.
Directed reading and research in fields of special interest.

EM 871  Voluntary and Nonprofit Disaster Management (3)
Prerequisite(s): EM 834.
Unique considerations of nonprofit disaster management and service
delivery, including volunteer administration, donations management,
fundraising, and cross-sector collaboration.

EM 873  Health Care Systems in Disaster (3)
Prerequisite(s): EM 834.
Overview of emergency management considerations for health and
medical professionals and range of medical, public health, behavioral and
psychological problems associated with disaster; incident management
processes and organization that integrate health and medical assets into
the response.

EM 875  Risk Communication (3)
Examines theories related to risk perception and behavior; principles of
risk communication and special communication challenges with diverse
audiences; and development of crisis and emergency risk communication
plans.

EM 877  Crisis Leadership and Management (3)
Classic and contemporary theories and models of leadership, with
emphasis on the role of leadership in crisis situations; principles of crisis
management.

EM 878  IT Applications for Emergency Management (3)
Explores the importance of information in emergency management;
information requirements and breakdowns; and information technologies
applied to crisis and disaster situations.

EM 879  Spatial Analysis and GIS for Emergency Management (3)
Disaster-related applications of spatial analysis techniques; use of GIS
software.

EM 882  Directed Study (3)
Prerequisite(s): Consent of program director.
Independent study under the direction of the instructor.

EM 884  Directed Study (3)
Prerequisite(s): Consent of program director.
Independent study under the direction of the instructor.

EM 886  Directed Study (3)
Prerequisite(s): Consent of program director.
Independent study under the direction of the instructor.

EM 899  Dissertation Research (3)
Prerequisite(s): Consent of program director.
At least 18 credit hours required; no credit assigned until dissertation has
been completed and filed with the graduate dean. Continuous enrollment
required subsequent to passing qualifying exams for admission to
candidacy. Students may register for 3, 6, or 9 hours per semester.

English (EH)

EH 401  Chaucer (3)
Prerequisite(s): EH 102.
The poet against the background of the Middle Ages.

EH 402  Special Studies in the English Renaissance (3)
Prerequisite(s): EH 102 or EH 104.
Dedicated to selected writers, themes or genres. May be duplicated for
credit for a total of nine (9) semester hours, as long as each course taken
is on a different special topic.

EH 408  Theory of Composition (3)
Prerequisite(s): EH 102.
A study of current theory and practice in composition studies.

EH 409  The Art of the Film (3)
Prerequisite(s): EH 102.
A consideration of the motion picture in its artistic, technical, and
historical contexts. A number of films by major directors will be viewed,
ranging from the comedies of the thirties and forties to the work of Alfred
Hitchcock and the fantasy of the Hollywood musical.

EH 410  American Drama (3)
Prerequisite(s): EH 102.
An examination of American drama both as theatre and literature,
considering early plays in their historical contexts, with emphasis
on major American dramatists beginning with Eugene O'Neill and
progressing through Tennessee Williams, Arthur Miller, Edward Albee,
Beth Henley, August Wilson, and others.

EH 411  Eighteenth-Century Literature (3)
Prerequisite(s): EH 102.
A survey of eighteenth-century English writers, focusing on major
satirists, such as Dryden, Pope, Swift, and Fielding; also including
Johnson and his circle, some of the major novelists and dramatists; and
ending with a survey of the "Pre-Romantics" (the "poets of sensibility").

EH 412  Victorian Poetry (3)
Prerequisite(s): EH 102.
Tennyson, Elizabeth Barrett and Robert Browning, Arnold, Swinburne, and
other poets of the Victorian Era.

EH 413  English Drama (3)
Prerequisite(s): EH 102.
Medieval background of Elizabethan drama and the reading of
representative plays of the Tudor and Stuart periods.

EH 415  Advanced Expository Writing (3)
Prerequisite(s): EH 344.
Undergraduate and Graduate Refining skills and knowledge acquired
in EH 101, 102, 344, and requiring expository/argumentative essays
representative of excellent rhetoric.

EH 419  Milton (3)
Poetry and prose of John Milton, with special attention to Paradise Lost.

EH 420  Women's Literature (3)
Prerequisite(s): EH 102.
Six centuries of representative literature by women. Emphasis on recent
British and American, including ethnic-American, authors. Discussion of
women writers in relation to the traditional canon.
EH 431 Non-Western Literature (3)
Prerequisite(s): EH 102 or 104.
An introduction to literature of the non-Western world from ancient times to the twenty-first century. This course will examine different genres of literature originating in the following regions or cultures: Asia, the Middle East, Africa, South and Central America, as well as other cultures whose heritage is not primarily based on the Western tradition.

EH 441 The History of the English Language (3)
Prerequisite(s): EH 102.
Study of the origins and development of the English language from Old English through Modern English, focusing on the historical, cultural, and linguistic forces affecting language change.

EH 442 Black Writers in America (3)
Prerequisite(s): EH 102.
A study of major twentieth-century writers, including Wright, Ellison, Hughes, Baldwin, Toni Morrison, Alice Walker, and others.

EH 452 Literary Criticism (3)
Prerequisite(s): EH 102.
Prominent themes and theories, various critical approaches, and outstanding examples of literary criticism from Plato to feminism and African-American literary theory.

EH 467 Twentieth-Century English Fiction (3)
Prerequisite(s): EH 102.
British fiction of the twentieth century, including short stories and novels by modern and postmodern authors.

EH 501 Introduction to Graduate Study in English (3)
Prerequisite(s): EH 102.
Techniques of literary research, critical and theoretical approaches, varieties of scholarly production, analysis and interpretation of literary texts. English M.A. students must successfully complete this course within their first 15 hours of graduate English study.

EH 502 Studies in Nineteenth-Century American Literature (3)
Important literature of the century; writers examined may include Emerson, Thoreau, Whitman, Hawthorne, Melville, Twain, Dickinson, Douglass, and Jacobs.

EH 510 The Eighteenth-Century Novel (3)
Major novels of Defoe, Richardson, Fielding and such minor figures as Behn, Smollett, Goldsmith, Burney, and the early Gothic novelists.

EH 512 Organizational Speech Communication (3)
Analysis of speech communication variables operating in educational, volunteer, and governmental organizations.

EH 533 Teaching College English (3)
This course is a survey of composition theory and practice, with emphasis placed on preparing the student to teach English at the college level.

EH 551 Writing Project Summer Institute (3)
Prerequisite(s): Admission to JSU Writing Project.
Corequisite(s): EH 552.
Extensive study of theory and methodology of composition and composition instruction.

EH 552 Summer Institute Practicum (3)
Prerequisite(s): Admission to JSU Writing Project.
Corequisite(s): EH 551.
Extensive writing and critiquing, with research and presentations on writing.

EH 553 Contemporary American Literature (3)
Twentieth-century American literature, with emphasis on the work of major poets, novelists, dramatists, and non-fiction writers.

EH 554 Contemporary European Literature (3)
Twentieth-century continental literature including such foundational figures as Mann, Kafka, Proust, Gide, Valery, and Pirandello; recent writers such as Alberto Moravia, Jean Anouilh, Andre Malraux, Jean-Paul Sarte, Simone de Beauvoir, Salvatore Quasimodo, Elio Vittorini, and Boris Pasternak.

EH 555 Literature of the South (3)
Best of Southern literature with emphasis on the work of major writers.

EH 556 Victorian Literature (3)
Prose fiction and nonfiction of the Victorian Age.

EH 557 Studies in Non-Dramatic Elizabethan Literature (3)
Literature of the late sixteenth and early seventeenth centuries, with emphasis as the instructor desires.

EH 558 Studies in Romantic Literature (3)
English literature of the late eighteenth and early nineteenth centuries; emphasis on Blake, William and Dorothy Wordsworth, Coleridge, Byron, Mary and Percy Shelley, and Keats; writers such as Godwin, Wollstonecraft, Burke, Paine, Barbauld, Smith, Hemans, Hazlitt, Hunt, and Clare also featured.

EH 562 Studies in Shakespeare (3)
Reading of representative works of Shakespeare, with attention to the history of Shakespearean scholarship and criticism.

EH 564 Middle English Literature (3)
Literature of England during the Middle Ages with emphasis on the romance and its background in general European literature.

EH 565 Seventeenth-Century English Literature (3)
Poetry and prose of the seventeenth century.

EH 570 Special Problems (3)
Special readings and assignments approved by department head and instructor after consideration of the student's background.

EH 599 Thesis (3)
Prerequisite(s): Dean's Approval and Approval of Application for Thesis Option.
See "Thesis Option and Procedures." May be duplicated for credit for a total of 6 semester hours. Grade: Pass/Fail.

Family and Consumer Sciences (FCS)

FCS 500 History and Philosophy of Family and Consumer Sciences (3)
Investigation and study of the historical foundations and the philosophy of the profession of Family and Consumer Sciences.

FCS 526 Contemporary Issues in Textiles and Fashion (3)
Study of current global issues and trends in the textile and fashion industries.

FCS 536 Advanced Nutritional Therapy (3)
The study of advanced methods of nutritional management of individuals across the age continuum.

FCS 537 Advanced Methods of Nutritional Assessment (3)
Advanced methods for the nutritional assessment and nutritional management of individuals.

FCS 538 Critical Issues in Nutrition and Food Science (3)
Study and investigation of food, nutrition, and health issues facing the U.S. and world populations.

FCS 552 Advanced Human Development and Family Relations (3)
Advanced study of human development and family relations across the lifespan.
Family Nurse Practitioner (FNP)

FNP 668 Advanced Family NP I (3)
Prerequisite(s): NU 613, NU 620, and NU 607.
Corequisite(s): FNP 669, FNP 671.
The purpose of this course is to integrate basic knowledge of human anatomy and physiology with an understanding of the pathologic changes and clinical manifestations that characterize common, acute, chronic, and complex disorders in pediatric, adult, obstetric and geriatric clients. The focus of this course is on the development of critical thinking skills necessary to achieve direct care and core competencies of the family nurse practitioner. The emphasis of this course is on the acquisition of the knowledge and skills necessary to deliver safe and effective care to pediatric, adult, obstetric and elderly populations.

FNP 669 Advanced Family NP Practicum NP I (1)
Prerequisite(s): NU 613, NU 620, and NU 607.
Corequisites: FNP 668, FNP 671. The purpose of this course is to demonstrate management strategies and apply selected practice models for the delivery of high quality care to pediatric, adult, obstetric, and elderly populations. The focus of this course is on the delivery of health care services to the family. The emphasis of this course is on promoting the progression of competence within the Advanced Practice Nursing role. (70 clinical practicum hours)

FNP 671 Health Promotion/Disease Prevention & Issues for FNP (2)
Prerequisite(s): NU 607, NU 613, and NU 620.
Corequisite(s): FNP 668 and FNP 669.
The purpose of this course is to integrate prior theoretical and practical knowledge for diagnoses and management of health and illness in pediatric, adult and geriatric populations. The focus of this course is application of health promotion lifestyle changes, disease prevention concepts and genetic screening options in pediatric, adult, obstetric and geriatric populations. The emphasis of this course is to examine clinical preventive services and health promotion in pediatric, adult and geriatric populations.

FNP 672 Advanced Family NP II (3)
Prerequisite(s): FNP 668, FNP 669, and FNP 671.
Corequisite(s): FNP 673.
The purpose of this course is to continue to integrate basic knowledge of human anatomy and physiology with an understanding of the pathologic changes and clinical manifestations that characterize common, acute, chronic, and complex disorders in pediatric, adult, obstetric and geriatric clients. The focus of this course is on the development of critical thinking skills necessary to achieve direct care and core competencies of the family nurse practitioner. The emphasis of this course is on the acquisition of the knowledge and skills necessary to deliver safe and effective care to pediatric, adult, obstetric and elderly populations. (210 clinical hours)

FNP 673 Advanced Family NP Practicum II (3)
Prerequisite(s): FNP 668, FNP 669, and FNP 671.
Corequisite: FNP 672. The purpose of this course is to prioritize management strategies and apply selected practice models for the delivery of care to pediatric, adult, obstetric, and geriatric populations. The focus of this course is to provide the student with opportunities to integrate in depth diagnostic and management skills to provide care for pediatrics, adult, obstetric, and geriatric populations. The emphasis of this course is on the formulation and management of individualized treatment plans based on diagnostic findings and current practice models.

FNP 674 Advanced Family NP III (3)
Prerequisite(s): FNP 672 and FNP 673.
Corequisite(s): FNP 675.
The purpose of this course is to continue to integrate basic knowledge of human anatomy and physiology with an understanding of the pathologic changes and clinical manifestations that characterize common, acute, chronic, and complex disorders in pediatric, adult, obstetric and geriatric populations. The focus of this course is on the development of critical thinking skills necessary to achieve direct care and core competencies of the family nurse practitioner. The emphasis of this course is on the acquisition of the knowledge and skills necessary to deliver safe and effective care to pediatric, adult, obstetric and geriatric populations. (210 clinical hours)

FNP 675 Advanced Family NP Practicum III (3)
Prerequisite(s): FNP 672 and FNP 673.
Corequisite: FNP 674. The purpose of this course is to continue to prioritize management strategies and apply selected practice models for the delivery of care to pediatric, adult, obstetric, and geriatric populations. The focus of this course is to provide the student with opportunities to integrate in depth diagnostic and management skills to provide care for pediatrics, adult, obstetric, and geriatric populations. The emphasis of this course is on the formulation and management of individualized treatment plans based on diagnostic findings and current practice models.

FNP 676 Advanced Family NP IV (3)
Prerequisite(s): FNP 674 and FNP 675.
Corequisite(s): FNP 677.
The purpose of this course is to continue to integrate basic knowledge of human anatomy and physiology with an understanding of the pathologic changes and clinical manifestations that characterize common, acute, chronic, and complex disorders in pediatric, adult, obstetric and geriatric clients. The focus of this course is on the development of critical thinking skills necessary to achieve direct care and core competencies of the family nurse practitioner. The emphasis of this course is on the acquisition of the knowledge and skills necessary to deliver safe and effective care to pediatric, adult, obstetric and geriatric populations. (210 clinical hours)

FNP 677 Advanced Family NP Practicum IV (3)
Prerequisite(s): FNP 674 and FNP 675.
Corequisite: FNP 676. The purpose of this course is to refine management strategies and best practice models in the delivery of high quality care to pediatric, adult, obstetric, and geriatric populations. The focus of this course is to evaluate progress toward achievement of professional competencies. The emphasis is on incorporation of evidence and concepts from previous coursework and clinical practice to improve the health status of pediatric, adult, obstetric, and geriatric populations. (210 clinical hours)
FIN 410 Wills, Estates, and Trusts (3)
A study of the basic legal and financial principles and practices involved in the planning and administration of wills, estates, and trusts.

FIN 474 Investments (3)
Prerequisite(s): FIN 301 or equivalent.
A survey of investment principles and practices. Emphasis is given to security analysis and portfolio management, with special attention focused on the individual investor.

FIN 515 Financial Management (3)
Prerequisite(s): FIN 301.
Study of financial decision concepts for maximizing value of the firm involving the financing, investment, and dividend decisions.

FIN 562 Seminar in Finance (3)
Prerequisite(s): Nine semester hours of advanced finance graduate courses or permission of the instructor.
Intensive examination of critical issues and topics in finance.

FIN 589 Internship in Finance (3)
Prerequisite(s): Approval of the instructor and approval of the MBA Director.
Provides the graduate student with practical experience in the field of finance via a "real-world" work experience arrangement. Grades: Pass/ Fail.

FIN 590 International Finance (3)
Prerequisite(s): FIN 515 or equivalent. Application relative to U.S. and international financial activities including financial institutions, trade agreements, economic policies, investment action, and multinational enterprise.
Integrated treatment of theory and application relative to U.S. and international financial activities including financial institutions, trade agreements, economic policies, investment action, and multinational enterprise.

FIN 598 Independent Research (3)
Prerequisite(s): Completion of 18 semester hours of graduate courses including a three-semester hour quantitative course. Approval of the MBA Director. In-depth study of selected topic(s).
Approval of the instructor and approval of the MBA Director. In-depth study of selected topic(s).

Geographic Information Systems (GIS)

GIS 510 Introduction to Spatial Analysis (3)
An overview of geographic information systems and a foundation in map coordinate systems, map projections, and map scale.

GIS 520 Spatial Data Collection and Management (3)
Prerequisite(s): GIS 510.
Methods of capturing data, acquiring and importing existing spatial data into geographic information systems, and deriving spatial information from remotely sensed data and storing spatial data.

GIS 530 Analyzing Spatial Networks (3)
Prerequisite(s): GIS 510.
Introduction to topology theory and its employment in GIS network analysis. Emphasis on methods of determining efficient paths, modeling network flows and creating efficient service areas for organizational entities.

GIS 540 Site Location Analysis (3)
Prerequisite(s): GIS 510.
Emphasis on evaluating existing site location efficiencies, determining appropriate point site and area site locations for organizational entities, and analyzing environmental impact using GIS.
GIS 550 Organization and Management of Spatial Systems (3)  
Prerequisite(s): GIS 510.  
Fundamentals of GIS implementation and GIS management. Consideration in designing organization-wide GIS and the management of both special projects and organization-wide use of GIS.

GIS 560 Spatial Data, Layout, and Display (3)  
Prerequisite(s): GIS 510.  
Fundamentals of map composition and layout, chart creation, data classification and map design to produce meaningful maps and charts of the results of spatial analysis.

GIS 570 Advanced Topics in Spatial Analysis (3)  
Prerequisite(s): GIS 510.  
Advanced GIS instruction and work in a variety of topics such as imagery interpretation and classification, surface modeling, spatial manipulation languages, and statistical analysis of spatial data. Can be taken twice for credit.

### Geography (GY)

GY 403 Independent Study (1)  
Prerequisite(s): Approval of instructor required.  
This course gives the advanced student opportunity to pursue directed research. May be duplicated for credit for a total of 3 semester hours. Grades: Pass/Fail.

GY 431 Topics in Physical Geography (3)  
Advanced geographic study of various facets of the natural environment; topic selection varies; see instructor. May be duplicated for credit for a total of 12 semester hours.

GY 445 Topics in Environmental Conservation (3)  
(3) (3). Prerequisite: ESC 500 or its equivalent. In-depth examination of various conservation issues. Topic selection varies, see instructor. Examples of the types of topics that could be covered in this course include energy resources, public land management, water or air quality and issues regarding food production. This course may be used to meet degree requirements in the MPA degree with an Environmental Science Management emphasis or in the MA degree with a major in Liberal Studies coursework. May be duplicated for credit for a total of six semester hours.

GY 453 Analyzing Spatial Networks (3)  
Prerequisite(s): GY 307.  
Undergraduate Introduction to topology theory and its employment in GIS network analysis. Emphasis on methods of determining efficient paths, modeling network flows, and creating efficient service areas for organization entities.

GY 454 Site Location Analysis (3)  
Prerequisite(s): GY 307.  
Undergraduate Emphasis on evaluating existing site location efficiencies, determining of appropriate point site and area site locations for organizational entities, and analyzing environmental impact analyses using GIS.

GY 455 Organization and Management of Spatial Systems (3)  
Fundamentals of GIS implementation and GIS management. Consideration in designing organization-wide GIS and the management of both special projects and organization-wide use of GIS.

GY 456 Spatial Data, Layout and Display (3)  
Prerequisite(s): GY 307.  
Undergraduate Fundamentals of map composition and layout, chart creation, data classification and map design to produce meaningful maps and charts of the results of spatial analysis.

GY 459 Spatial Data Collection and Management (3)  
Prerequisite(s): GY 307.  
Undergraduate Methods of capturing data, acquiring and importing existing spatial data into geographic information systems, deriving spatial information from remotely sensed data, and storing spatial data.

GY 466 Topics in Cultural Geography (3)  
Advanced geographic study of various facets of human culture. Topic selection varies. May be duplicated for credit for a total of 12 semester hours.

GY 475 Natural Hazards (3)  
An introduction to natural hazards, their causes, distribution and impacts. Focus on human perception, vulnerability and risk analysis.

GY 501 Concepts in Cultural Geography (3)  
Application of geographical concepts and perspectives to the study of the world's culture regions. May be used in the social science teaching field with a major in secondary education.

GY 510 Concepts in Earth Sciences (3)  
Selected topics in earth science such as atmosphere systems and processes, climatology, landform development, soils and biogeography. See instructor for specific topic(s) each term. May be used in the general science and social science teaching fields with a major in secondary education. May be duplicated for credit for a total of 9 semester hours.

### History (HY)

HY 400 Europe in the High Middle Ages: Renaissance and Reformation, 1300-1648 (3)  
Prerequisites for Undergraduate: HY 101 and 102. Prerequisite for Graduate: None. European society as seen through its philosophy, religion, literature, and politics.

HY 405 Environmental History of the United States (3)  
A historical investigation of human interaction with the environment in the United States from the pre-colonial era to the present.

HY 407 Warfare in the Ancient World (3)  
Prerequisite for Undergraduate: HY 101 or permission of instructor. Prerequisite for Graduate: None. This course examines warfare and the military history of the ancient world, including but not limited to Greece, Macedonia, the Roman Republic, and the Roman Empire.

HY 411 War and Peace in Modern Europe (3)  
Prerequisite(s): HY 102.  
A survey of the military and diplomatic history of Europe from the Peace of Westphalia to the end of the Second World War.

HY 421 Public History (3)  
Prerequisite for Undergraduate: 3 hours of HY or permission of instructor. Prerequisite for Graduate: None. This course examines the work of public history, including but not limited to, archival management, museum exhibition production, historic preservation, cultural resources management, historical interpretation, and the role of the public intellectual.
HY 422 Oral History (3)
Prerequisite for Undergraduate: 3 hours of history or permission of instructor. Prerequisite for Graduate: None. This course will introduce students to the methods and theory of oral history. The course includes the preparation of oral history projects and evaluation of oral narratives.

HY 433 American Social and Cultural History to 1865 (3)
Prerequisites for Undergraduate: HY 201 and 202. Prerequisite for Graduate: None. American society through its literature, religion, philosophy, and arts. Emphasis upon immigration strains, European cultural transfer, and environmental adaptations which have formed the American character. Wide opportunities for reading offered in religion, philosophy, literature, and the arts.

HY 434 American Social and Cultural History Since 1865 (3)
Prerequisites for Undergraduate: HY 202 or approval of instructor. Prerequisite for Graduate: None. This course will evaluate shifting immigration origins. Concentrated study will be given to the changing thought patterns which have resulted from Darwinism, the rise of Big Business, theories of the public interest, Pragmatism, and the emergence of the United States as a world power.

HY 436 History of American Women (3)
Prerequisites for Undergraduate: HY 201 and 202. Prerequisite for Graduate: None. A survey of the history of women from the colonial period to the present with emphasis upon social, economic, political, and educational developments.

HY 437 Black America (3)
Prerequisites for Undergraduate: HY 201 and 202. Prerequisite for Graduate: None. Blacks in the U.S. from colonial times to the present; events of the twentieth-century and the integral social relations between blacks and whites will be emphasized.

HY 441 The South Before 1865 (3)
Prerequisites for Undergraduate: HY 201 and 202. Prerequisite for Graduate: None. Pre-colonial civilization through the Civil War. The colonization and the economic, political, social, and cultural development of the Old South and its part in building the nation.

HY 442 The South Since 1860 (3)
Prerequisites for Undergraduate: HY 201, 202, and 441 or approval of instructor. Prerequisite for Graduate: None. The issues which led to secession; the War Between the States; the economic, political, and social results; recent tendencies and developments.

HY 443 Introduction to Southern Culture (3)
Prerequisites for Undergraduate: HY 201 and 202. Prerequisite for Graduate: None. The study of the historic roots of regional culture that will integrate topics such as the "Cult of the Lost Cause," religion, folk life, music, literature, and the transition from a rural/agricultural society to an urban/commercial/industrial one.

HY 445 North American Indians (3)
Prerequisite(s): HY 201. A survey of Native American history in what became the United States. Particular attention will be paid to Native-US government relations, the impact of the reservation and assimilation programs, and modern rights issues.

HY 448 The Westward Movement in American History (3)
Prerequisites for Undergraduate: HY 201 and 202. Prerequisite for Graduate: None. Significance of the frontier in American History; colonization of successive geographic areas; the West in relation to tariff, public lands, currency and banking; and crisis resulting from expansion.

HY 451 History of Early America to 1783 (3)
Prerequisites for Undergraduate: HY 201 and 202. Prerequisite for Graduate: None. European background to exploration; exploration and settlement; the Inter-Colonial Wars; the political, social, economic, and cultural developments within the colonies.

HY 452 The Age of Jefferson and Jackson, 1783 to 1850 (3)
Prerequisites for Undergraduate: HY 201 and 202. Prerequisite for Graduate: None. The development of the American Republic from the end of the American Revolution until the Compromise of 1850, with special emphasis on the influence that Jefferson and Jackson had on the evolution of democratic attitudes and institutions.

HY 454 The Beginning of Modern America, 1877-1914 (3)
Prerequisites for Undergraduate: HY 201 and 202. Prerequisite for Graduate: None. Description and evaluation of the shift of the United States from an agrarian to an industrial nation; the heritage of Civil War and Reconstruction; the rise of the Great Moguls; mass production and technological change; the rise of labor union movements and organized farm protests; the Spanish-American War; and American involvement in World War I.

HY 455 The 1920's and the Great Depression (3)
Prerequisites for Undergraduate: HY 201 and 202. Prerequisite for Graduate: None. A detailed study of American political, diplomatic, and cultural history from President Woodrow Wilson through Franklin D. Roosevelt.

HY 456 Contemporary America, 1945-Present (3)
Prerequisites for Undergraduate: HY 201 and 202. Prerequisite for Graduate: None. A detailed study of American political, diplomatic, and cultural history since the end of the World War II. Part of this course will be devoted to the study of current events.

HY 459 The American Civil War in Film (3)
Prerequisite for Undergraduate: HY 201 or permission of instructor. Prerequisite for Graduate: None. This course will explore how the Civil War has been remembered by Hollywood, how it can differ from the historical record, and how films often reflect the social and political sensibilities of their respective time period.

HY 465 The British Empire and Commonwealth (3)
Prerequisites for Undergraduate: HY 101 and 102. Prerequisite for Graduate: None. Growth and development of the British Empire, with emphasis on the factors leading to the Commonwealth of Nations. Not open to Graduate students who have completed HY 305.

HY 468 Constitutional History of England (3)
Prerequisites for Undergraduate: HY 101 and 102. Prerequisite for Graduate: None. Growth of common law, the court system, and the cabinet form of government from the earliest times to the present. Not open to Graduate students who have completed HY 308.

HY 469 Age of Churchill (3)
An examination of late Victorian-twentieth century British and World events through the career of Winston S. Churchill.

HY 470 American Diplomatic History to 1933 (3)
Prerequisites for Undergraduate: HY 201 and 202. Prerequisite for Graduate: None. History of United States foreign relations beginning with the American Revolutionary Period and continuing through the decade of the 1920s. A study of the historical changes in American foreign policy objectives which led to the increased size and importance of the United States.
HY 471 American Diplomatic History Since 1933 (3)
Prerequisites for Undergraduate: HY 201 and 202. Prerequisite for Graduate: None. A detailed study of United States foreign relations beginning with Franklin D. Roosevelt and continuing to the present.

HY 476 Eastern (Asian) Civilizations (3)
Prerequisite for Undergraduate: HY 102 or permission of instructor. Prerequisite for Graduate: None. An examination of major Asian civilizations from the sixteenth century to the present, including those in China, India, Korea, Japan, and Vietnam. Special focus on religion, culture, economics, political structures, and international relations, both within Asia and with the West.

HY 477 Asian American History (3)
Prerequisite for Undergraduate: HY 202 or permission of instructor. Prerequisite for Graduate: None. This course explores the experiences of Asian Americans from the mid-nineteenth century to the present. It examines the rich diversity of the Asian American community and considers how events within the U.S. and outside of it have shaped the lives of their community.

HY 480 Colonial Latin America (3)
Prerequisite for Undergraduate: HY 101 or 201 or approval of instructor. Prerequisite for Graduate: None. The interaction of Native American, European, and African people in the Spanish and Portuguese empires of the Americas, concluding with the wars for independence.

HY 481 Modern Latin America (3)
Prerequisite for Undergraduate: HY 102 or 202 or approval of the instructor. Prerequisite for Graduate: None. An examination of the political, economic, social, and cultural developments of the diverse Latin American nations since 1821, against a backdrop of tradition, reform, and revolution.

HY 483 United States-Latin American Relations (3)
Prerequisite for Undergraduate: HY 201 and 202 or approval of instructor. Prerequisite for Graduate: None. A survey of the diplomatic, economic, and cultural relations between the United States and the Latin American Republics from 1810 to the present.

HY 485 History of Mexico (3)
Prerequisite for Undergraduate: HY 201 and 202 or approval of instructor. Prerequisite for Graduate: None. A study of Mexico's past including pre-Columbian civilizations, the Spanish Conquest and Colonial period, the independence movement and the early republic, the struggle for nationhood, the modernization of Mexico with a special emphasis on the Mexican Revolution and the forces that shaped present day Mexico.

HY 486 The Andean Nations (3)
Prerequisite for Undergraduate: HY 201 and 202 or approval of instructor. Prerequisite for Graduate: None. A history of Colombia, Ecuador, Peru and Bolivia from Pre-Columbian times until the present with an emphasis on the diversity of the peoples of these nations.

HY 487 History of Brazil (3)
Prerequisite for Undergraduate: HY 201 and 202 or approval of instructor. Prerequisite for Graduate: None. A survey of Brazil's history from 1500 until the present with an emphasis on The Empire of Brazil 1822-1889 and modern Brazil, 1889 to present.

HY 490 History of Religions (3)
(3): An introduction to the theory of Religious History and the study of the history and practices of the five dominant world religions using resources from within those traditions.

HY 500 Special Problems (3)
Directed readings or research project agreed to among student, instructor and head of the History Department.

HY 501 Historiography and Historical Methods (3)
Techniques of historical research, nature of history, theories of historical interpretation, and intensive study of controversies in history.

HY 504 Modern European History (3)
Major themes of European history from the seventeenth to the twentieth centuries including survey of relevant literature and interpretations.

HY 510 American Foreign Policy to 1921 (3)
Foundations of American foreign policy. Not open to those taking credit for PSC 421G.

HY 515 Contemporary Latin America (3)
A study of the political, economic, social, and cultural trends of the nations of Latin America from the end of World War II to the present.

HY 533 American Social and Intellectual History to 1865 (3)
Seminar in the intellectual and cultural sources that went into the making of the American tradition, particularly the influences on the Founders' generation.

HY 534 American Social and Intellectual History from 1865 (3)
Effect of the Industrial Revolution and urbanization of America on society and thought patterns in the U.S. as seen in the end of "American innocence" and the search for security in a changed America and a constantly changing world.

HY 535 Contemporary American Women (3)
This course will trace the evolution of women's societal, economic and political roles in the United States from the "Age of Association" in the mid-nineteenth century through the modern period. By the end of the course, we will have answered the question of whether "we've come a long way, Baby!" or not.

HY 537 Contemporary Black America (3)
The African-American experience from the Civil War to the present, focusing on the creation of segregation, resistance to discrimination and the Civil Rights movement. The influence of African-American culture on the larger American society will receive special attention.

HY 539 Topics in Native American History (3)
A seminar which explores a number of issues within the field of Native American history, including, but not limited to, land rights, violence and genocide, education, mascots, and culture regions.

HY 551 The South in the Nineteenth Century (3)
Study of major economic, political, sociological, racial, cultural, and intellectual developments during the century.

HY 553 American Social and Intellectual History to 1865 (3)
American Social and Intellectual History to 1865

HY 554 Early Twentieth-Century History, 1900-1932 (3)
Causes of the Civil War and political, social, economic, and military aspects of its conduct; examination of various interpretations of the Reconstruction period, regional and national.

HY 560 The French Revolution and Napoleon (3)
Economic, social, political, military, and diplomatic aspects of years 1789-1815, with emphasis on France as the moving force of the period.
HY 561 Napoleon and Europe (3)
This seminar examines the life and career of Napoleon Bonaparte as a shaping force in European history. It will focus on his abilities as a French Revolutionary and as inheritor of France’s war machine. The course will examine his rise and ultimate defeat, and his affect on the course of European history.

HY 562 Diplomatic History of Europe, 1815-1914 (3)
International relations of European states in 19th century, with emphasis on the Congress System, Eastern Question, Bismarckian System, and pre-War balance of power.

HY 564 History of Ideas, Renaissance through Enlightenment (3)
Study of the principal ideas and scope of thought in political philosophy, philosophy of history, science and technology, fine arts, literature, and religion.

HY 565 History of Ideas, Romanticism to the Present (3)
Study of principal ideas and scope of thought in political philosophy, philosophy of history, science and technology, fine arts, literature, and religion.

HY 566 Seminar in the European Reformation (3)
A historical and historiographical overview of the Reformation period, encompassing pre-Reformation, Luther, Calvin, and the Counter Reformation.

HY 567 Europe since 1939 (3)
Political analysis of development of individual states within framework of East-West conflict and economic competition and cooperation.

HY 568 The South in the Twentieth Century (3)
Study of major economic, political, sociological, racial, cultural, and intellectual developments since the turn of the century.

HY 570 Modern Far East History (3)
Survey of Modern Far Eastern history with emphasis on China and Japan.

HY 576 Tudor England (3)
England’s emergence as a modern state, 1485-1603; constitutional, economic, social, and intellectual developments during the Renaissance and Reformation.

HY 577 Stuart England, 1603-1714 (3)
Study of major political, social, economic, and religious developments in seventeenth century England.

HY 578 Hanoverian England, 1714-1815 (3)
Study of major political, social, economic, and diplomatic developments in eighteenth century England.

HY 584 Modern Britain (3)
Detailed study of Britain’s political, social, diplomatic, and industrial development since 1865; Britain’s experiment with socialism and decline as a great world power.

HY 599 Thesis (3)
Prerequisite(s): Dean’s Approval and Approval of Application for Thesis Option. See "Thesis Option and Procedures." May be duplicated for credit for a total of 6 semester hours Grades: Pass/Fail.

### Instructional Leadership (IL)

IL 504 Graduate Education and Technology (3)
An introductory course for students accepted into the Instructional Leadership program. Students will be instructed on expectations surrounding the program of study. The course will also serve to develop technology skills specific to locating, creating, and disseminating information for educational purposes. Students accepted to the Instructional Leadership program are required to take IL 504 the first semester of enrollment.

IL 510 Action Research (3)
A study of the basic elements of action research design with effective research and evaluative strategies.

IL 552 Diversity Issues for Instructional Leaders (3)
q(3). Study of issues in multiculturalism, globalism, and comparative education as they influence educational leadership, school curricular design, and emerging educational policy.

IL 553 Leading for Learning (3)
Principles of curriculum development, staff development, and instructional leadership at the local school and system levels.

IL 555 Management of the Learning Organization I (3)
Development and managing financial resources to enhance student learning. This new course will replace EAD 563 School Finance.

IL 556 Management of the Learning Organization II (3)
Processes and procedures to develop and enhance the school’s learning environment. This new course will replace EAD 556 Management of Student Services.

IL 562 Leading Change for Student Learning (3)
Analysis of basic concepts of school administration with special emphasis on leadership, management, and administration.

IL 564 Law and Ethics (3)
Legal and ethical structures under which public schools function with emphasis on school-community interaction and student services.

IL 566 Internship in Instructional Leadership (3)
Supervised field-based experience; observation, study, and analysis of the administration of educational programs in selected schools; requires a minimum of 300 clock hours of supervised internship. Should be scheduled at the end of a student’s program. A student must be in the last or next-to-last semester of study to register for this course. Must be completed at JSU. Fall and Spring only.

IL 576 Internship in Instructional Leadership and Residency (3)
Corequisite(s): IL 553, 556, 562, 564, EAD 563, and passing the Praxis II Prerequisites or May be taken before or after IL 556 with permission of advisor. Either IL 556 or IL 576 must be taken in the last semester. Supervised field experience including participation in and leadership of educational programs in selected schools under the supervision of a mentor who is a practicing school administrator, and a university supervisor: includes the ten-day residency; must be scheduled during the last or next-to-last semester of study, must be completed at JSU; is offered fall, spring, and summer semesters.

IL 610 Research in Educational Administration (3)
Introduction to and utilization of essential research skills with an emphasis on application, ethics, and report-writing as commonly needed in the field; should be scheduled early in the program.

IL 612 Planning and Managing Facilities and Programs (3)
Procedures and issues related to design, development, and operation of educational facilities and programs.
IL 614 Internship in Personnel Development I (3)
Procedures and issues related to development of and administration of effective and efficient processes for hiring, mentoring, and inducting new faculty.

IL 620 Internship in Personnel Development II (3)
The study of supervisory leadership for personnel development focusing on instructional improvement.

IL 622 Effective Schools Research (3)
Critique of research literature on effective schools and effective instruction with implications for school administrators.

IL 632 Research in Instructional Leadership (3)
Study of the research process, analysis and evaluation of selected research literature, and actual research proposal development.

IL 636 School Plant Planning (3)
Procedures and issues related to design, development, and operation of educational plant facilities.

IL 637 School Personnel Administration (3)
Procedures and issues related to administration of effective and efficient school personnel programs.

IL 648 Curriculum Issues in Administration (3)
Analysis and discussion of curriculum issues and application of a process approach to curriculum review and development in the local/school district level.

IL 650 Seminar in Curriculum Development (3)
The study of theory and practice of curriculum development.

IL 655 Supervision and Staff Development (3)
Study of theories of supervision; assessing, planning, implementing, and evaluating staff development programs; mentorships. (Open to instructional leadership majors only.)

IL 681 Problems in Instructional Leadership and Internship (3)
Prerequisite(s): IL 610.
Development of a practical problem-solving process in relation to the administration of schools and school systems. This course culminates in a public presentation of a school-based problem-solving project. Course must be scheduled near the end of a student’s program.

IL 682 Problems in Instructional Leadership II (3)
Prerequisite(s): IL 681.
Continuation of practical problem-solving in relation to the administration of schools and school systems culminating in a public presentation of a school-based problem-solving project.

IL 691 Problems in Instructional Leadership I and Internship (3)
Prerequisite(s): IL 612.
Development of a practical problem-solving process in relation to the administration of schools and school systems. This course culminates in a public presentation of a school-based problem-solving project. Course must be scheduled near the end of a student’s program.

IL 692 Problems in Instructional Leadership II and Internship (3)
Prerequisite(s): IL 691.
Continuation of practical problem-solving in relation to the administration of schools and school systems culminating in a public presentation of a school-based problem-solving project.

Instructional Media (EIM)

EIM 410 The Information Age Classroom (2)
Prerequisite for Undergraduate: CS 201. Prerequisite for Graduate: admission to the Alternative Fifth-Year Teacher Certification Program. The benefits, application, and production of advanced academic technology to the information age classroom. Requires Teacher Education Program eligibility.

EIM 502 Technology in Education (3)
The use of technology in the school setting. Research, small group discussions, and demonstrated applications will be emphasized.

EIM 503 Technology-Enhanced Teaching and Learning (3)
Introduction to instructional technology, focusing on methods for integrating technology and media into classroom instruction.

EIM 504 Learning Through Interactive Technologies (3)
Survey of current software and web-based technological applications in alignment with the needs of today’s learners.

EIM 505 Digital Literacy in the Classroom (3)
Study of current school-based technological processes and procedures with an emphasis on student and teacher empowerment in the areas of finding, evaluating, and using digital products; understanding social and ethical issues raised by technology; and applying critical thinking skills to the use of technology in the K-12 environment.

EIM 517 Designing Virtual Learning Spaces (3)
Examines best practices of quality online courses. Students will plan, design, and develop online instructional materials with a focus on collaboration and interactivity to improve the educational experience of the user.

EIM 551 Technology in School Environments (3)
Examines the processes and technology in the K-12 environment, including the media center, the classroom, and via wireless/data plan networks.

EIM 555 Instructional Design (3)
Design and development of a systematic approach to learner-based instruction emphasizing the role of technology and media in the learning process.

EIM 610 Emerging Technology and Collaborative Tools (3)
Introduces the latest innovative technologies that promote learning. Students will explore various learning environments and develop technology enhanced educational activities that are engaging, collaborative, and place emphasis on increasing student achievement.

EIM 615 Online Course Design (3)
Examines the best practices of quality online courses for the K-12 environment. Students will plan, design, and develop a medial rich online course with a focus on collaboration and interactivity. Courses will be designed to meet iNACOL National Standards for Quality Online Program.

EIM 620 Educational Multi-Media and Video (3)
Introduces the basics of video production utilizing digital video recording devices and video editing equipment. Students will study video technologies, basic equipment operation, video composition and video storytelling. Topics stress the creation of digital video productions for inclusion in multimedia and web applications for educational settings.
Integrated Studies (INS)

INS 569 Study Away (3)
Topics, excursions, and requirements determined by department. May be duplicated for credit for a maximum of 6 hours. Infrequently scheduled and subject to minimum and maximum hours. Advance deposit required.

Kinesiology (HPE)

HPE 500 Foundations of Health and Physical Education (3)
Designed to inform the physical education teacher and others about the foundation of physical education and sports. Emphasis will be on philosophy, objectives, movement, history, fitness, and the psychological and sociological foundations.

HPE 502 Sociology of Sport (3)
Analysis and study of human behavior patterns as they relate to participation in sports and games.

HPE 503 Sport History (3)
Development of sport in the U.S. and other countries.

HPE 506 Methods of Teaching PE, P-5 (3)
Prerequisite(s): Teacher Education Program eligibility. Corequisite(s): HPE 507, HPE 551, and HPE 562. Effective teaching practices and implementation of developmentally appropriate K-5 physical education instruction are taught.

HPE 507 Methods of Teaching PE, 6-12 (3)
Prerequisite(s): Teacher Education Program eligibility. Corequisite(s): HPE 506, HPE 551, and HPE 562. Methods and techniques of teaching 6-12 physical education are taught.

HPE 508 Research in Wellness and Sport Studies (3)
The purpose of this course is to provide the foundation for the interpretation and conceptualization of research in HPER. This course will provide instruction on the variety of research methodologies and strategies and how to incorporate such strategies into personal research goals. Replaces EFD 500, Research in Education.

HPE 510 Health and Physical Education Curriculum (3)
This advanced online course examines the underlying philosophies and foundations of the physical education curriculum in the educational setting. Replaces EFD 502, Curriculum Development.

HPE 511 Practicum in PE, P-12 (3)
Prerequisite(s): Teacher Education Program eligibility. Corequisite(s): HPE 506, 507, 551, and 562. This is a field experience course specific to the application of methods and materials for P-12 physical education.

HPE 512 Physical Education Methods I (3)
Prerequisite(s): Teacher Education Program eligibility. An advanced study of the developmental approach to teaching elementary physical education in the schools. Beginning movement concepts and fundamental motor skills are discussed in relation to developmentally appropriate physical education including educational dance, educational gymnastics, games and fitness activities. Students will continue to study the theories and research that serve as the foundation for student learning in quality physical education programs. Particular attention is given to planning and management.

HPE 513 Physical Education Methods II (3)
Prerequisite(s): Teacher Education Program eligibility. An advanced study of the developmental approach to teaching physical education in the schools. Beginning and intermediate sport specific skill concepts and positive physical activity dispositions in relation to developmentally appropriate secondary physical education including sport, recreation and leisure activities, and fitness activities. Students will continue to study the theories and research that serve as the foundation for student learning in quality physical education programs. Special attention is given to curriculum and assessment.

HPE 515 Assessment in Health and Physical Education (3)
Advanced study of assessment techniques and tools with an emphasis on assessment in school based physical education settings.

HPE 520 Best Practices in PE (3)
This advanced on-line course examines techniques and methodologies that have been shown to reliably produce desired outcomes in physical education.

HPE 525 Issues and Trends in Athletics (3)
This course examines issues and trends encountered by secondary and collegiate coaches in the administration of sport programs. The concepts will be explored from a theoretical and applied perspective. Also examines possible courses of action to meet such issues and trends that occur in athletics. Includes in-depth study and problem solving approaches.

HPE 530 Physiology of Exercise (3)
Experiences in physiology of muscular activity and application of these to physical education, training, and health.

HPE 531 Clinical Cardiopulmonary Physiology (3)
Advanced course in clinical exercise physiology. Study of the anatomy, physiology, and pathophysiology of the cardiac, vascular and pulmonary systems.

HPE 535 Skill Analysis (3)
Basic skills involved in several individual and team sports; special attention will be given to body movement.

HPE 537 Diversity Issues and Trends in Wellness and Sport Studies (3)
Examination of current trends and issues in HPE with an emphasis on multicultural education through a focus on best practices for promotion of a physically active lifestyle. Special attention will be given to the role of race, gender, and language barriers in a physical education, wellness, and sport studies settings. The course includes best practices for effectively teaching all students in the 21st century. Students will also explore the use of technology and/or ways to promote physical activity in a variety of settings.

HPE 539 Diet and Performance (3)
Study of the basic nutrients and different types of diets, and their effects on health related and sports related fitness.

HPE 540 Law and Ethics in Wellness and Sports Studies (3)
This course will investigate legal implications of those involved with physical education, recreation, and athletic programs.
HPE 545 Stress Management (3)
This course is intended to help the HPE teacher develop knowledge and skills relative to stress management. Emphasis is placed on stress responses and relaxation technique strategies.

HPE 551 Tests and Measurements in PE (3)
Prerequisite(s): Teacher Education Program eligibility.
Corequisite(s): HPE 506, HPE 507, and HPE 562.
Techniques of test evaluation, administration, and interpretations. Emphasis on physical fitness, body mechanics, sports skills, and knowledge tests.

HPE 553 Applied Exercise Physiology I (3)
The purpose of this course is to review undergraduate exercise physiology and provide the knowledge for a student to understand, plan, and implement exercise programs for health, fitness and human performance.

HPE 554 Applied Exercise Physiology II (3)
The purpose of this course is to provide the knowledge for a student to understand, plan, and implement advanced training programs for maximizing fitness and human performance.

HPE 555 Advanced Anaerobic Physiology (3)
Effectiveness of different training methods on the performance of the anaerobic athlete.

HPE 556 Advanced Aerobic Physiology (3)
Exercise physiology examines the physiological responses of the human body to acute and chronic physical activity. This course will provide a more in-depth study of aerobic metabolism, energy balance, and muscle structure and function.

HPE 560 Readings in HPE (3)
Identification and analysis of current issues and trends; recent developments in physical education, curriculum, and practices in physical education.

HPE 562 Physical Education Program (3)
Prerequisite(s): Teacher Education Program eligibility.
Corequisite(s): HPE 506, HPE 507, and HPE 551.
The study of curriculum, teaching methods, skills, and the organization and administration of PE programs. Ten hour practicum required.

HPE 563 Sport Finance (3)
Concepts, principles, and application associated with finance in the sport and physical activity contexts. The course covers a variety of topics ranging from basic financial concepts to taxation and cash management.

HPE 564 Human Resources Management in Sport (3)
Concepts, principles, and application associated with human resource management in the sport and physical activity contexts. A variety of topics ranging from performance appraisal strategies to job design.

HPE 566 Public and Media Relations in Sport (3)
Concepts, principles, and application associated with public and media relations issues in the sport and physical activity contexts. A variety of topics ranging from the process of sport information to the sport broadcast media.

HPE 567 Sport Facility Administration and Design (3)
Concepts, principles, and application associated with the planning, designing, and managing a sport facility. A variety of topics ranging from maintenance and security operations to sport facility design principles.

HPE 568 Administration of Athletics (3)
Place of interscholastic athletics in the program, organization and administration of program, budget, equipment, facilities, public relations, and legal liability.

HPE 575 Physical Fitness and Wellness (3)
Research evidence of relationships of physical exercise to the following: longevity, weight control, cardiovascular disease, low back pain, mental health, and aging.

HPE 576 Sport Marketing (3)
Introduction to the principles and application of marketing theory to the sport industry. Covers wide range of sport marketing related topics including promotion and media relations in sport businesses, licensing and sponsorship of sport products, and the marketing mix strategies for sport organizations. Students will gain valuable insight into theory and practice of sport marketing strategies for a diverse range of sport related organizations.

HPE 578 Research in Wellness and Sports Studies (3)
The purpose of this course is to provide the foundation for the interpretation and conceptualization of research in HPER. This course will provide instruction on the variety of research methodologies and strategies and how to incorporate such strategies into personal research goals.

HPE 580 Adapted Physical Education (3)
Comprehensive study to develop ability to deal successfully with handicapped children, youth, and adults in a variety of settings.

HPE 581 Advanced Practicum in Special Physical Education (3)
Supervised field experience in applying skills, knowledge, and concepts in special physical education; supervised work with the handicapped.

HPE 582 Research Seminar in Special Physical Education (3)
Critical analysis and evaluation of current research and practical application in the field of special physical education.

HPE 583 Perceptual Motor Development (3)
Development of perceptual-motor skills through physical activities; including locomotor skills, laterality and direction ability; investigations of theories, programs, activities, and evaluation.

HPE 585 Physical Activity and the Aging Process (3)
Examination of scientific evidence concerning the relationship between physical activity level and physical, mental, and social-psychological well-being during aging.

HPE 586 Sport Promotion and Event Planning (3)
Concepts, principles, and application associated with planning and promoting sporting events. Topics range from developing an event budget to attracting sponsors to a sporting event.

HPE 588 Graduate Internship in PE, P-12 (3)
Prerequisite(s): Admission to Alternative Fifth-Year Teacher Certification Program and EPY 429G. Student teaching in grades P-12 under the supervision of a cooperating teacher and a university supervisor; full-time assignment for a minimum of 15 weeks which includes at least 450 clock hours in a public school. Scheduled at end of program. Fall and Spring only. (Grade: Pass/Fail).

HPE 590 Directed Studies in HPE (3)
Prerequisite(s): Approval of instructor and approval of the department head.
(3) (3). Students will collaborate with a faculty member to complete a specific research/literature review project. May be repeated once for a total of six (6) credit hours.

HPE 591 Internship in Sport Management (3)
The sport management internship is designed to provide students with practical experience under the supervision of an athletic administrator in a secondary school setting.
Library Media (LM)

LM 512 Children and Young Adult Literature (3)
Evaluation of books and other materials for junior/senior high school students. Selection aids, selection criteria, and interests, needs, and abilities of young adults emphasized; children's literature component included for those who have not previously taken a children's literature course.

LM 513 Management of Media Centers (3)
Policies and procedures relative to the operation of a media center.

LM 515 Internship in Media Services (3)
Prerequisite(s): Approval of the instructor. Directed experience in performing various services in a school library media center. Must be completed at JSU.

LM 516 Practicum in Media Services (3)
Prerequisite(s): LM 515 and approval of the instructor. Directed experience in performing various services in a school library media center.

LM 530 Librarian as Instructional Partner (3)
Examines the techniques needed for successful instruction across various grade levels and disciplines with a focus on standards-based instruction and assessment.

LM 531 Trends, Issues, Innovation and Leadership in Libraries and Schools (3)
A survey of the current trends and issues that affect libraries and schools. Promotes the process of becoming a school-based leader and instructional partner.

LM 532 Collection Management, Cataloging, and Reference (3)
Criteria of selection and evaluation of media center materials for building a library media collection to support the curriculum and encourage reading for pleasure. Principles and procedures of classifying and cataloging print and non-print media. Study and evaluation of basic reference sources and services.

LM 612 Advanced Materials for Children and Young Adults (3)
Applies innovative tools and techniques for access and utilization of materials for children and young adults in the classroom as they relate to collaboration with teachers. E-books and other electronic media emphasized. Lesson plans that are technology-oriented will be developed as students explore the integration of a variety of materials as they relate to learning styles and enhancement of learning.

Management (MGT)

MGT 504 Business Organization and Administration (3)
Accelerated course in management concepts, functions, and practices; consideration of structural and behavioral aspects of organization and management.

MGT 522 Human Resources Seminar (3)
Prerequisite(s): MGT 504 or the equivalent. Industrial personnel and manpower management including personnel selection and placement, manpower planning, development and appraisal, and the role of human resource management.

MGT 530 Contemporary Issues in Management (3)
Prerequisite(s): MGT 504 or the equivalent. Investigation of current literature and practices in the field of management. A seminar course that includes lecture, discussion, and supervised student research into assigned topics.

MGT 537 Business Leadership (3)
Prerequisite(s): MGT 504 or equivalent. Focuses on leadership as a strategic tool as well as an individual competence; i.e. what leadership means, is, and does. Examines critical strategic functions encountered at both the organizational and individual levels.

MGT 589 Internship in Management (3)
Prerequisite(s): Approval of the instructor and approval of the MBA Director. Provides the graduate student with practical experience in the field of management via a "real-world" work experience arrangement. Grades: Pass/Fail.

MGT 598 Independent Research (3)
Prerequisite(s): Completion of 18 semester hours of graduate courses including a three semester hour quantitative course. Approval of the instructor and approval of the MBA Director. In-depth study of selected topic(s).

Manufacturing Systems Technology (MFG)

MFG 505 Manufacturing Operational Systems I (3)
The analysis, design, and implementation of world class manufacturing systems and their integration with functions of the production system for the manufacture of superior quality, low cost products. Topics include lean manufacturing, cellular manufacturing, integrated quality systems, Just-In-Time/Pull production control, and other current manufacturing strategies.

MFG 507 Manufacturing Operational Systems II (3)
A detailed examination of competencies required of technology managers in contemporary manufacturing, with emphasis on integrating quality into all areas of the organization with the manufacturing system. Topics include quality management, manufacturing teams, safety and health management, total productive maintenance, vendor relationships, and other global manufacturing issues.

MFG 511 Manufacturing Computer/Information Systems (3)
The theory and practice of using the computer to integrate the functional manufacturing areas into an effective system. Emphasis on computer interfacing, including hardware and software.
MFG 515 Manufacturing Systems Simulation (3)
An examination of decision-making competencies required of manufacturing managers using current manufacturing system-modeling packages. Emphasis will be on solving manufacturing system problems consisting of labor, material, and equipment to predict future outcomes of various alternatives. Topics include computer simulation of manufacturing systems, computer simulation of materials handling systems, data collection, validation, output analysis, job shop applications, and line balancing.

MFG 521 Manufacturing Value Analysis (3)
A comprehensive course covering topics necessary for making effective manufacturing economic decisions with emphasis on using a computerized engineering economic decision packages for application of cost controls and budgeting. Topics include evaluation of alternative projects, make versus buy decisions, cost justification methods, cost of product tolerances, and replacement analysis.

MFG 531 Automated Manufacturing Technology (3)
A summary course of material processing & machining methods with an emphasis on planning and implementation of flexible manufacturing systems (FMS) and computer-integrated manufacturing (CIM). Topics include robotics & computer numerical control (CNC) systems, automated material handling and storage, and automated inspection.

MFG 540 Safety and Health Administration (3)
The examination and analysis of administrative concepts and principles for organizing and managing the functional areas of safety and health within an organization, to include methods for improving management’s safety effectiveness. Specifically, the course focuses on the application of behavioral principles to motivate safe workplace behavior.

MFG 580 Advanced Topics in Manufacturing Systems Technology (3)
This course will focus on an advanced manufacturing systems technology topic of interest.

MFG 595 Project Development and Management (3)
Students are directed in methods and techniques used in project development and management as they develop a proposal for completion of a project manufacturing systems technology.

MFG 596 Comprehensive Project in Manufacturing Systems Technology (3)
Students complete an independent, comprehensive project integrating the functional areas of manufacturing systems technology. Students will be required to present a seminar outlining the project and submit a detailed technical project report.

MFG 598 Selected Problems in Manufacturing Systems (3)
Independent study of selected problems under the guidance of a member of the graduate faculty.

Marine Biology (MBY)

MBY 411 Marine Ecology (4)
Prerequisites for Undergraduate: BY 101, 102, 103, and 104. Prerequisite for Graduate: Graduate standing in biology. Study of coastal and pelagic birds with emphasis on ecology, taxonomy, and distribution; identification, population dynamics, and behavior of coastal birds; lecture, laboratory, and overnight trips to offshore islands.

MBY 415 Marine Botany (4)
Prerequisites for Undergraduate: BY 101, 102, 103, and 104. Prerequisite for Graduate: Graduate standing in biology. General study of coastal and marine flora with emphasis on taxonomy, morphology, physiology, ecology, and distribution; community structure in various ecosystems will be studied; students will have an opportunity to examine pelagic, marshland, estuarine, beach, sand dune, and inlet niches.

MBY 420 Coral Reef Ecology (4)
Examines the ecology and evolution of coral reef communities, seagrass beds, and mangrove swamps with exploration of such issues as the degradation of reef-building corals by macroalgae, hurricanes, coral bleaching, diseases of corals and sea urchins, over-fishing and pollution. Students will participate in lectures and field exercises in the vicinity of Dauphin Island, and will take a one-week field trip to Andros Island, Bahamas.

MBY 421 Special Topics: Marine Conservation Biology (4)
Intended to develop a student’s understanding of conservation biology by building upon the foundations of ecology; lectures and field exercises; requires students to develop a topical term paper and give a presentation.

MBY 423 Marsh Ecology (4)
Prerequisite for Undergraduate: Advanced undergraduate standing. Prerequisite for Graduate: Graduate standing in biology. Study of floral and faunal elements of various marine marsh communities; interaction of physical and biological factors will be emphasized; structured to provide field experience in addition to lecture material; trips will be scheduled to acquaint students with regional examples of marsh types.

MBY 427 Marine Technical Methods I (2)
Prerequisite for Undergraduate: Advanced undergraduate standing. Prerequisite for Graduate: Graduate standing in biology. Introduction to instruments and procedures normally utilized aboard a marine research vessel; includes physical, biological, chemical, and geological parameter measurements and sample collections; basic positioning and communication procedures included.

MBY 428 Marine Technical Methods II (2)
Prerequisite for Undergraduate: Advanced undergraduate standing. Prerequisite for Graduate: Graduate standing in biology. Introduction to the laboratory methodology associated with the usual chemical parameters of nutrient analysis; laboratory approach will be pursued; shipboard and other specific skills will be developed.

MBY 460 Dolphins and Whales (2)
Prerequisite(s): BY 320 and MBY 486. Prerequisite for Graduate: None. Designed to enable students to make rapid, accurate, and thoughtful use of a customized reference file and laboratory and field notes to respond to questions about the classification, anatomy, and ecology of marine mammals; lecture and laboratory. (Not open to students with credit in MBY 481.)

MBY 461 Marine Behavioral Ecology (4)
Prerequisite for Undergraduate: BY 332. Recommended: MS 204. Prerequisite for Graduate: None. Examines how animal behavior is influenced by and interacts with its environment, and the ecological and evolutionary significance of these behaviors in a marine setting; lectures, laboratory, and field exercises (some overnight).
MBY 462 (3,4) 
Prerequisites for Undergraduate: BY 101, 102, 103, 104 or MBY 309. 
Prerequisite for Graduate: None. Study of the major groups of protozoa from a variety of marine habitats including their taxonomy, structure, ecology of methods of identification; lectures, laboratory, and field trips.

MBY 463 Marine Fish Diseases (3,4) 
Prerequisite for Undergraduate: BY 323. Prerequisite for Graduate: None. Introduction to marine animal diseases, specifically finfish and shellfish; practical microbiological techniques for isolation and identification of diseases; lecture, laboratory, and field trips.

MBY 464 Introduction to Neurobiology (4,5) 
for Undergraduate. (5) for Graduate. Prerequisite for Undergraduate: Advanced undergraduate standing. Prerequisite for Graduate: None. Introduction to the neuroanatomy and neurophysiology of marine invertebrates and vertebrates; Neuroism computer package used to help illustrate the basic principles and to allow a detailed exploration of neurophysiology and neutral networks; lecture and laboratory.

MBY 486 Marine Vertebrate Zoology (4) 
Prerequisites for Undergraduate: BY 101, 102, 103, and 104. Prerequisite for Graduate: Graduate standing in biology. Study of marine fish, reptiles, and mammals, with a comprehensive treatment of their systematics, zoogeography, and ecology; lectures will encompass subject matter on a non-regional basis; field and laboratory work will stress the vertebrate fauna of the northern Gulf of Mexico; students will have the opportunity to assemble a collection of vertebrate species.

MBY 487 Marine Invertebrate Zoology (4) 
Prerequisites for Undergraduate: BY 101, 102, 103, and 104. Prerequisite for Graduate: Graduate standing in biology. Examination of the systematics, ecology, physiology, and phylogenetic relationships of locally occurring marine invertebrate taxa; lecture, laboratory, and field work required; students have an opportunity to acquire collections of local fauna.

MBY 501 Field Marine Science-Florida (2) 
Prerequisite(s): MBY 309. This course will consist of a 10-day field exercise in representative tropical sites in the southeastern Gulf of Mexico. Lecture, field exercises, research exercises.

MBY 502 Field Marine Science-Maine (2) 
Prerequisite(s): MBY 309. Consists of a 12-day field exercise in coastal Maine with emphasis on rocky intertidal, kelp bed and eelgrass habitats; lecture, field exercises, research exercises.

MBY 505 Fisheries Techniques (3) 
Prerequisite(s): An ichthyology course or MBY 486 or an introductory course in fisheries; introductory statistics recommended. Detailed, semi-quantitative introduction to current biological and technological methodologies for studying fishes and aquatic habitats, with an emphasis on study design and integration across sub-disciplines.

MBY 515 Marine Resource Management (2) 
Designed to acquaint students to the management of marine resources, development of legislation, evolution of policy, legal processes, and impacts on human resources; lecture and discussion sessions.

MBY 530 Marine Microbial Ecology (3) 
General survey of the types of micro-organisms found in the marine environment; emphasis will be on the interaction of micro-organisms with each other and with their environment; lecture and discussion sessions.

MBY 540 Marine Biology for Teachers (6) 
Prerequisite(s): One year of general biology and graduate standing in biology. General survey of marine plants, invertebrates, and vertebrates, the communities they form and the physical and chemical factors which influence their lives; second component will cover materials and methods of instruction on marine topics.

MBY 542 Marine Plankton (3) 
Prerequisite(s): MBY 566. Familiarizes students with the taxonomic breadth of phytoplankton, bacterioplankton, and zooplankton in estuaries, coastal seas, and open oceans; lecture and discussion sessions.

MBY 554 Marine Biogeography and Paleobiology (3) 
Prerequisite(s): BY 332 or MBY 411. Broad overview of the time course of evolutionary changes in the structure and function of marine ecosystems, and will consider the interacting roles of both historical and current factors as they influence the distribution and abundance of marine organisms; lecture and discussion sessions.

MBY 555 Marine Biogeochemical Processes (2) 
Prerequisite(s): Graduate standing in biology and a background that includes inorganic and organic chemistry, geology, marine ecology, and oceanography. Interaction between biological, chemical, and geological processes in the marine environment; examination of the cycling of major elements, how these cycles differ between different marine ecosystems and how these processes serve to regulate ecosystem functioning. Interaction between biological, chemical, and geological processes in the marine environment; examination of the cycling of major elements, how these cycles differ between different marine ecosystems and how these processes serve to regulate ecosystem functioning.

MBY 558 Advanced Marine Ecology (2) 
Prerequisite(s): BY 332 and MBY 411. Study of the understanding of ecological processes with an emphasis on the mechanisms that control the distribution of plants and animals at scales ranging from the individual to the ecosystem; lecture and discussion sessions.

MBY 559 Benthic Ecology (2) 
Prerequisite(s): BY 332 or MBY 411G. Evolutionary history and the ecology of marine benthic communities from the earliest fossils to the present; topics include predation, competition, adult/larval interactions, dispersal mechanisms, productivity, materials cycling, and the relative importance of grazing and detritus in different ecosystems.

MBY 564 Marine Zoogeography (4) 
Prerequisite(s): 12 semester hours of biology. Study of physical, chemical, and biological factors influencing distribution of marine organisms; importance of continents; open oceans, and species competition on animal distribution; special attention to zoogeographical patterns in the Gulf of Mexico, western North Atlantic, and Caribbean regions.

MBY 566 Biological Oceanography (3) 
Focuses on patterns and processes that are of consequence to the interaction of organisms and the sea and encompasses both pelagic and benthic environments; lecture, laboratory, and discussions.

MBY 567 Fisheries Oceanography (2) 
Examination of the relationships between fish and life history, recruitment dynamics and harvest potential, and local-, meso-, and global-scale oceanographic processes; lecture and discussion sessions.
MKT 572 Coastal Ecosystems Dynamics (2)
Prerequisite(s): MBY 566 recommended.
Investigation of the basic principles of ecosystem structure and function; course divided into two parts: an instructional phase of learning basics of ecosystem modeling, and a student-led investigation of the structure and function of a variety of coastal ecosystems.

MKT 591 Directed Research (2)
Prerequisite(s): Special arrangement and approval of the instructor.
Research in any subject areas of marine science currently offered at the Sea Lab.

Marketing (MKT)

MKT 513 Marketing Analysis & Strategy (3)
Prerequisite(s): MKT 513.
Executive level analysis of marketing strategies involved in market segmentation, pricing, promotion, product development, and distribution channels.

MKT 530 Contemporary Issues in Marketing (3)
Prerequisite(s): MKT 513.
Investigation of current literature, problems, and changes/opportunities taking place in the field of marketing; seminar course that includes lecture, discussion, and supervised student research into assigned topics.

MKT 589 Internship in Marketing (3)
Prerequisite(s): Approval of the instructor and approval of the MBA Director.
Provides the graduate student with practical experience in the field of marketing via a "real-world" work experience arrangement. Grade: Pass/ Fail.

MKT 590 International Marketing (3)
Prerequisite(s): MKT 513.
Impact of cultural differences on target markets and marketing strategy examination; trade barriers and methods of entry considered; course depends heavily on case writing and presentation.

MKT 598 Independent Research (3)
Prerequisite(s): Completion of 18 semester hours of graduate courses including a three-semester hour quantitative course. approval of the MBA Director. In-depth study of selected topic(s).

Mathematics (MS)

MS 403 Vector Analysis (3)
Prerequisite(s): MS 227.
Algebra and calculus of vectors, Stokes theorem, and divergence theorem; applications to geometry, mass potential functions, electricity, and fluid flow.

MS 404 Mathematical Statistics II (3)
Prerequisite(s): MS 227 and 304.
Continuation of MS 304. The Central Limit Theorem, order statistics, functions of random variables, properties of estimators, confidence intervals, hypothesis testing, and least squares regression models.

MS 416 Advanced Calculus II (3)
Prerequisite(s): MS 415.
Selected topics from advanced calculus, including differentiable functions, the Riemann integral, and sequences and series of functions.

MS 423 A Survey of Geometries (3)
Prerequisite(s): MS 323.
Selected topics from advanced Euclidean geometry, finite geometries, non-Euclidean geometry, and other geometries.

MS 451 Functions of a Complex Variable (3)
Prerequisite(s): MS 227.
Undergraduate Prerequisite: MS 227 and 300 and 415. Graduate Fundamental operations with complex numbers, differentiation and integration theorems, mapping, series, and residues.

MS 475 Seminar in Mathematics (3)
Prerequisite(s): or corequisites for undergraduate: MS 415 or MS 441 or MS 451. Prerequisites or corequisites for graduate: MS 415 or MS 441.
Goals include examining deeply the fundamental ideas of mathematics and connections among various branches of mathematics, exploring the historical development of major concepts, and further developing the habits of mind that define mathematical approaches to problems.

MS 480 Introductory Topology (3)
Prerequisite(s): MS 415.
Basic topological concepts to include topological spaces, mapping, compactness, connectedness, and separation axioms.

MS 484 Partial Differential Equations (3)
Prerequisite(s): MS 227 and 344.
Standard methods of solution; separation of variables, Fourier Series, Laplace Transforms; selected applications.

MS 504 Applied Statistical Methods (3)
Prerequisite(s): Undergraduate minor in mathematics or approval of instructor.
Fundamental concepts of descriptive and inferential statistics, probability distributions, estimation, and hypothesis testing; statistical software packages are used to facilitate valid analysis and interpretation of results; emphasis is on method and selection of proper statistical techniques for analyzing real situations.

MS 505 Basic Logic and Set Theory (3)
Prerequisite(s): MS 300 or 415 or 441.
Basic topics in symbolic logic and naive set theory, including sets and set operations, symbolic logic, the language of set theory, and applications of set theory.

MS 515 Real Variables I (3)
Prerequisite(s): MS 416 or approval of instructor.
Selected topics from real analysis with emphasis on functions of one and several variables, measure, and the Riemann and/or Darboux integral.

MS 516 Real Variables II (3)
Prerequisite(s): MS 515.
Selected topics from real analysis emphasizing Lebesgue integration, sequences and series of functions.

MS 517 Introduction to Functional Analysis (3)
Prerequisite(s): MS 352 and MS 415.
Introduction to the fundamental topics of functional analysis. Topics include metric spaces, completeness, linear operators, normed spaces and Banach spaces, inner product spaces, and Hilbert spaces. Objectives include the Riesz Representation Theorem, the Hahn-Banach Theorem, and the Contraction Mapping Theorem.

MS 523 Topics in Geometry for Teachers (3)
Prerequisite(s): Undergraduate minor in mathematics.
Classical theorems, ideas, and constructions of Euclidean and non-Euclidean geometry in theorems of Ceva, Manalaus, Pappus, and Feuerbach; homothetic transformations, inversion, harmonic sets of points, and cevians.
MS 526 Topics in Analytical Geometry for Teachers (3)
Prerequisite(s): Undergraduate minor in mathematics.
Applications of Euclidean and homogeneous coordinates, geometric transformations, trigonometric, and vector techniques to geometric problems.

MS 528 Theory of Equations and Functions for Teachers (3)
Prerequisite(s): Undergraduate minor in mathematics.
Topics in the theory of polynomial and other equations, and in the properties of transcendental functions. The goal is the development of a deeper understanding of the equations and functions commonly encountered in precalculus mathematics. May require the use of computer software.

MS 530 Foundations in Calculus for Teachers (3)
Prerequisite(s): Undergraduate minor in mathematics.
Theory, problem solving techniques, and applications of differential and integral calculus, including the use of graphing calculators and computer software. Recommended for students who are teaching or planning to teach Advanced Placement Calculus.

MS 533 Topics in Modern Analysis for Teachers (3)
Prerequisite(s): Undergraduate minor in mathematics.
Logic and set theory, functions and sequences, structure and development of the real number system including completeness. Course designed for students majoring in secondary education with a teaching field in mathematics.

MS 535 Topics in Finite Mathematics for Teachers (3)
Prerequisite(s): Undergraduate minor in mathematics.
Elementary combinatorial analysis, probability, vectors and matrices, game theory, linear programming, and model building in the social and physical sciences. Course designed for students majoring in secondary education with a teaching field in mathematics.

MS 537 Foundations in Algebra for the Secondary Teacher (3)
Prerequisite(s): MS 441 or equivalent.
Concepts of high school algebra from the perspective of ring theory.

MS 541 Abstract Algebra I (3)
Prerequisite(s): MS 441 or equivalent.
General group theory including cyclic groups and permutation groups, homomorphism and isomorphism theorems.

MS 542 Abstract Algebra II (3)
Prerequisite(s): MS 541.
Theory of rings, ideals, fields, and integral domains.

MS 549 Selected Topics in Mathematics for the Secondary Teacher (3)
Prerequisite(s): Undergraduate minor in mathematics or approval of instructor.
Selected topics suitable for the secondary teacher; problem solving; secondary school mathematics from an advanced standpoint.

MS 552 Linear Algebra (3)
Prerequisite(s): MS 352 and MS 441 or equivalent.
Abstract treatment of finite dimensional vector spaces. Linear transformations, determinants, eigenvalues and eigenvectors, invariant subspaces, Rational and Jordan Canonical Forms, inner product spaces, unitary and normal operators, bilinear forms.

MS 591 Seminar in Algebra (3)
Prerequisite(s): MS 541 and 542 or approval of instructor.
Selected topics in modern algebra beyond the scope of the graduate algebra sequence. Topics may be chosen from the theory of groups, rings, fields, or modules; linear algebra; homological algebra; or other topics, depending on student and instructor interests. May be duplicated for credit for a total of 6 semester hours.

MS 595 Seminar in Analysis (3)
Prerequisite(s): MS 515 and 516 or approval of instructor.
Selected topics in modern analysis beyond the scope of the graduate analysis sequence. Topics may be chosen from the fields of real analysis (measure theory and integration, special functions, finite differences, functional equations, sequences and series), complex variables, Fourier and harmonic analysis, integral transforms, operator theory, or other topics, depending on student and instructor interests. May be duplicated for credit for a total of 6 semester hours.

MS 598 Directed Readings (3)
Prerequisite(s): Students must have two courses in the topical area chosen and approval by the faculty advisor in mathematics and the instructor.
Algebra, analysis, geometry, and topology. May be duplicated for credit for a total of 6 semester hours.

MS 599 Thesis (3)
Prerequisite(s): Deans' Approval and Approval of application for thesis option.
See "Thesis Option and Procedures." May be duplicated for credit for a total of 6 semester hours. (Grade: Pass/Fail).

Music (MU)

MU 404 Music Theory: Composition (3)
(Theory and Literature) An introduction to the art of musical composition through analysis and application of contemporary techniques.

MU 405 Theory and Composition of American Jazz (3)
Prerequisite(s): MU 401.
Undergraduate (Theory and Literature) A comprehensive formalized study of American Jazz masterpieces from 1900 to the present. Ear training, harmonic analysis, formal and structural considerations, composition, arranging.

MU 408 Song Literature I (3)
Prerequisite(s): Permission of the instructor.
Survey course examining major categories of solo vocal literature with detailed study of selected songs.

MU 409 Opera Literature (3)
Prerequisite(s): Permission of instructor.
(Theory and Literature) A survey of the development of opera as a form with detailed study of selected works.

MU 415 Advanced Brass Methods and Literature (3)
Prerequisite(s): Permission of the instructor.
(Professional Preparation) Brass teaching materials for public schools or college teacher; examination of methods, etudes, and special studies of each instrument; recordings and corollary readings supplement discussion.

MU 419 Advanced Woodwind Methods and Literature (3)
Prerequisite(s): Permission of the instructor.
Woodwind teaching materials for public school or college teacher; examination of methods, etudes, and special studies of each instrument; recordings and corollary readings supplement discussion.

MU 432 Orchestral Music Literature (3)
Prerequisite(s): MU 233.
A survey of stylistic development in the history of orchestral literature and detailed study of selected examples.

MU 480 Graduate Ensemble (1)
Appropriate conducted or coached ensembles as approved by the department head and the graduate advisor.
MU 500  Graduate Recital  (0)
Public performance in Primary applied area of student; instrumental or vocal material planned by instructor and student.

MU 508  Music Literature: Contemporary Era  (3)
Development of instrumental and vocal music since 1900; emphasis on musical examples from various schools of composition, including Impressionism, Primitivism, Neoclassicism, Expressionism, Serialism, Indeterminancy, and Minimalism.

MU 509  Seminar in Choral Music  (3)
Acoustical problems and basic techniques relating to choral medium; problems of ensemble, balance, precision, and interpretation; materials and musical literature for large and chamber choral ensembles.

MU 510  Seminar in Music Education  (3)
Philosophies and objectives of music in schools; scope and sequence of music curricula on elementary and secondary levels.

MU 511  Research Methods in Music and Music Education  (3)
Application of methods of research to problems in music and music education; preparation of bibliographies and written exposition of research projects in area of student's major interest.

MU 512  Seminar in Instrumental Music  (3)
Acoustical properties and basic techniques of instruments; problems of ensemble and balance, intonation, precision, and interpretation; materials and musical literature and orchestras, bands, and small ensembles.

MU 513  Music Literature: Renaissance and Baroque Eras  (3)
A study of the development of sacred and secular music during periods preceding that of the Common Practice period. Includes various vocal and instrumental forms, both large and small, including motets, madrigals, opera, concerti and various keyboard forms.

MU 514  Music Literatures: Classic Era  (3)
A study of the history and literature of music during the Classic period leading into Romanticism; includes various vocal styles and forms using examples of significant composers of the period.

MU 515  Music Literature: Romantic Era  (3)
A survey of musical developments in the nineteenth century using repertoire of representative composers from various national schools including keyboard forms, chamber music, symphony, opera, art song and other performance media.

MU 519  Advanced Conducting  (3)
Prerequisite(s): MU 210 or equivalent.
Intensive study in repertoire of various performing media; includes parallel or supplementary reading and a paper dealing with some aspect of conducting.

MU 520  Music Theory: Style Analysis  (3)
Study intended to develop stylistic perception through analytical and historical examination of selected musical examples, Bach and Handel through Beethoven and Schubert.

MU 521  Music Theory: Style Analysis  (3)
Continuation of 520; Debussy and Ravel to present.

MU 522  Music Theory: Sixteenth-Century Counterpoint  (3)
Species counterpoint up to time of Monteverdi.

MU 523  Music Theory: Eighteenth-Century Counterpoint  (3)
Late Baroque styles in canon, fugue, invention, and passacaglia; extensive writing and special projects.

MU 524  Individual Applied Music  (2)
Primary applied area of student; instrumental or vocal material planned by instructor and student.

MU 535  Individual Applied Music  (2)
Primary applied area of student; instrumental or vocal material planned by instructor and student.

MU 536  Individual Applied Music  (2)
Primary applied area of student; instrumental or vocal material planned by instructor and student.

MU 537  Individual Applied Music  (2)
Primary applied area of student; instrumental or vocal material planned by instructor and student.

MU 545  Evaluation in Music  (3)
Evaluation of current achievement and aptitude measurements in music; problems in measurement of musical performance; preparation of examination materials and the computation of basic statistical formulae.

MU 552  Lyric Theatre Workshop  (1)
An ensemble designed to guide the classically trained singer through the varied aspects of operatic performance. This number may be duplicated for credit for a total of four (4) semester hours.

MU 571  Elementary Music Materials and Methods  (3)
Methods, materials and problems of teaching general music, grades P-6.

MU 579  Capstone in Music Education  (3)
Designed to encourage the student to reflect upon the process of training in music education and to deepen his/her understanding of aspects of the profession of teaching in music.

MU 580  Graduate Ensemble  (1)
Appropriate conducted or coached ensembles as approved by the department head and the graduate advisor. This number may be duplicated for credit for a total of four (4) semester hours.

MU 581  Graduate Ensemble  (1)
Appropriate conducted or coached ensembles as approved by the department head and the graduate advisor. This course may be duplicated for credit for a total of four hours.

MU 582  Secondary Instrumental Music Materials and Methods  (3)
Professional preparation of teachers of instrumental music, grades 7-12 with emphasis on appropriate theory, literature, teaching methods and organizational skills needed to teach in an effective public school instrumental music program.

MU 583  Secondary Vocal Music Materials and Methods  (3)
Professional preparation of teachers of vocal music, grades 7-12, with emphasis on theory, literature, teaching methods and organizational skills needed to teach in an effective public school choral program.

MU 588  Graduate Internship in Music Education, P-12  (3)
Prerequisite(s): Admission to Alternative Fifth-Year Teacher Certification Program.
Scheduled at end of program. Supervised classroom observation and student teaching in vocal and/or instrumental music in grades P-12; full-time assignment for a minimum of 15 weeks which includes at least 450 clock hours in a public school. Fall and Spring only.

MU 594  Directed Readings in Music  (3)
Prerequisite(s): Permission of the instructor and approval of department head.
(3) An opportunity to explore in-depth a specific topic or area in Music through selected readings, special projects, and professional guidance and discussion.
MU 595 Directed Readings in Music (3)
Prerequisite(s): Permission of the instructor and approval of the department head.
An opportunity to explore in-depth a specific topic or area in Music through selected readings, special projects, and professional guidance and discussion.

MU 599 Thesis (3)
Prerequisite(s): Dean's Approval and Approval of Application for Thesis Option. See “Thesis Option and Procedures.” Grade: Pass/Fail.

Nursing (NU)

NU 501 MSN Online Orientation (0)
Online orientation is designed to provide a framework for delivery of essential information designed to promote academic success of the newly enrolled graduate student, and to provide consistent introduction to online services at the university.

NU 504 Theories in Nursing (2)
Examines theories foundational to the knowledge and practice of nursing, mechanisms for theory development and critique, and analysis of essential concepts unique to nursing.

NU 507 Advanced Health Assessment (3)
Presents advanced theoretical concepts of health assessment including interviewing and health history processes, physical examination, documentation of findings and clinical diagnostic judgments regarding the health care needs of vulnerable populations, communities and patients across the lifespan.

NU 513 Advanced Pathophysiology (3)
An advanced, systems-based exploration of normal human physiological function in relation to physiological changes that occur as a result of disease. Includes advances in genetics, immunology, and molecular biology.

NU 518 Organizational & Systems Leadership in Population Health (3)
Provides opportunities to review, examine, and analyze individual, family, and population-based care from a community health perspective and synthesize selected issues that affect the role responsibilities of the advance community health nurse within systems and organizations.

NU 519 Issues in Community-Based Care (2)
Provides opportunities to review, examine, and analyze selected issues that affect the discipline of nursing with specific emphasis on community-based practice; explores issues related to nursing taxonomies, computer and information technology; examines ethical issues in the delivery of health care and decision-making related to health needs of populations.

NU 520 Advanced Pharmacology (3)
Designed to augment and support the practice of the APN. Encompasses the prescriptive role of the APN, legal statutes, general principles of pharmacodynamics and pharmacokinetics, treatment guidelines related to evidence based practices, pharmacology concerns for special populations, and drugs most commonly used in primary care.

NU 522 Nursing Research (3)
Facilitate synthesis of the research process, appraisal of research, and implementation of research for an evidence-based practice.

NU 527 Epidemiology (3)
Study of various factors as they relate to the occurrence, frequency, and distribution of disease across the lifespan; includes origin, transmission, host/environmental factors that influence the development of disease, as well as issues related to health planning, policy, and evaluation.

NU 534 Statistics and Data Management (2)
Quantitative methods and statistics as applied to nursing and health care; topics include descriptive statistics, probability theory, sampling and statistical inference, hypothesis testing, regression and correlation analysis, and analysis of variance.

NU 540 Population Health I (6)
Prerequisite(s): NU 501, NU 504, NU 507, NU 513, NU 518, NU 527, and NU 544.
Application of advanced specialized knowledge relevant to health promotion/disease prevention issues in select populations with an emphasis on assessment and planning programs to impact vulnerable populations and aggregates. Clinical experiences will be designed to meet individual learning needs of the MSN student in assessment and planning through the advanced population health nurse (APHN). 254 practicum hours required.

NU 542 Transcultural Nursing & Healthcare (3)

NU 544 Statistical Methods in Health Care (3)
Quantitative methods and statistics as applied to nursing and health care; topics include descriptive statistics, probability theory, sampling and statistical inference, hypothesis testing, regression and correlation analysis, and analysis of variance.

NU 545 Population Health II (6)
Preprerequisite: NU 540 and NU 522. Application of advanced specialized knowledge relevant to health promotion/disease prevention programs in select populations, with an emphasis on implementing and evaluating programs in vulnerable populations and aggregates. Clinical experiences will be designed to meet individual learning needs of the MSN student in implementation and assessment through the multifaceted role of the advanced population health nurse (APHN). 254 practicum hours required.

NU 550 Developing Instruction Programs in Collegiate Nursing Education (3)
Development of curricular components for nursing instructional programs. Examines the relationships among philosophy, goals, and outcomes for various learning environments. (Graduate Certificate requirement/Elective for MSN.)

NU 551 Teaching, Learning, and Evaluation in Collegiate Nursing Programs (3)
Focuses on teaching-learning theories, processes, strategies, and styles. Examines evaluation principles in the classroom and clinical setting. (Graduate Certificate requirement/Elective for MSN.)

NU 552 Practicum in Collegiate Nursing Education (3)
Application for teaching-learning theories/strategies, assessment and measurement methods, curricular frameworks, and nursing knowledge in an educational context. (Graduate Certificate requirement/Elective for MSN.)

NU 553 Issues and Trends in Collegiate Nursing Education (3)
Exploration of issues and trends influencing the role of the nursing educator. Includes analysis of technological, legal, economic, political, cultural and ethical, and professional dynamics. (Graduate Certificate requirement/Elective for MSN.)
NU 554 Introduction to Instructional Design and Online Teaching (3)
The purpose of this course is to provide the graduate nursing student with the opportunity to explore principles and best practices in online course design and teaching. Students are encouraged to examine quality standards and course exemplars. Emphasis is placed on instructional design, content organization and scaffolding of content to enhance student learning. The concept of continual engagement is introduced as a method to promote a community of engaged learners. Students will learn how to effectively prepare their online teaching through a systematic instructional planning process and to integrate effective technology to promote learning.

NU 581 Independent Study (1)
Prerequisite(s): Approval of the advisor.
Special project in nursing disaster management.

NU 582 Independent Study (2)
Prerequisite(s): Approval of the advisor.
Special project in nursing disaster management.

NU 583 Independent Study (3)
Prerequisite(s): Approval of the advisor.
Special project in nursing disaster management.

NU 607 Advanced Health Assessment (3)
Prerequisite(s): NU 613 and NU 620.
The purpose of this course is to provide the knowledge necessary to perform comprehensive history, physical, and psychological assessments of signs and symptom, pathophysiologic changes, and psychosocial variations of the patient across the lifespan. The focus of the course is to provide foundational materials for specialized areas of advanced nursing practice. The emphasis is on systematic data collection, diagnostic reasoning, and clinical problem-solving.

NU 613 Physio-Pathological Basis of Advanced Nursing (3)
The purpose of this course for the MSN/DNP student is to provide an analysis of pathophysiology in frequently encountered conditions across the lifespan and in special populations. The focus is to introduce pathophysiological theories and research as a basis for advanced nursing practice. The emphasis is an applied physiology and pathophysiology to enable advance practice nurses to understand how and why the clinical manifestations of disease occur so that appropriate therapies can be selected.

NU 620 Pharmacology for Advanced Practice Nurses (3)
Prerequisite(s): NU 613.
The purpose of this course is to prepare advanced practice nurses with knowledge of pharmacokinetics and pharmacotherapeutics of common drug categories used to prevent illness, and to restore and maintain health for client systems across the life span. The focus is on mechanisms of action, pharmacologic response, usual doses, adverse effects, indications, interactions, compatibilities, contraindications, and routes of administration are emphasized in acute and chronic conditions. The unique characteristics of special populations related to therapeutic needs, as well as drug absorption, metabolism and excretion are defined. The emphasis of this course is to serve as the basis for development of further knowledge and principles to be applied to select specialty option populations within subsequent courses.

NU 701 Post-Master's DNP Online Orientation (0)
The purpose of this course is to introduce the new doctoral nursing student to expectations and responsibilities for successful progress across the DNP curriculum and integration into the JSU Nursing community of learners. Topics covered will include content such as introduction to faculty and staff, technology requirements, scholarly writing attributes, learning management system, professional behaviors in online environment, immersions, document tracking, etc.

NU 702 BSN-DNP Online Orientation (0)
The purpose of this course is to introduce the new doctoral nursing student to expectations and responsibilities for successful progress across the DNP curriculum and integration into the JSU Nursing community of learners. Topics covered will include content such as introduction to faculty and staff, technology requirements, scholarly writing attributes, learning management system, professional behaviors in online environment, immersions, document tracking, etc.

NU 707 Scientific Underpinnings of Advanced Nursing Practice (3)
The purpose of this course for the MSN/DNP student is to explore the scientific underpinnings that define the nature of health and healthcare delivery and to provide the basis for practice at the highest level of nursing from a theoretical perspective. Conceptual models and theories reflecting synthesis of knowledge from nursing and other disciplines are evaluated. The structure and nature of current theoretical knowledge as a guide for advanced nursing practice at the patient, population or system level of care are explored.

NU 708 Evidence-Based Practice and Quality Improvement in Healthcare (3)
The purpose of this course is to provide the MSN/DNP student with the foundational components required for effective utilization of evidence based practice within the scope of advanced nursing practice. The course focuses on the acquisition of evidence based practice methods to critically appraise existing literature, synthesize and implement the best evidence for practice. The course emphasis is on the application of quantitative, qualitative, and quality improvement methodologies to promote safe, effective care within healthcare systems.

NU 710 Health Care Policy and Finance (3)
The purpose of this course for the MSN/DNP student is to develop advanced nursing leaders who have the knowledge and skills to design, analyze, influence, and implement policies that frame health care financing practice regulation, access, safety, quality, and efficacy. The course focuses on major contextual factors and policy triggers that influence health policy making at various levels. Principles of finances, business and health care economics will be presented. The course emphasis is on developing essential competencies in health care policy advocacy and health care financing.

NU 711 Biostatistics and Translating Evidence (3)
The purpose of this course for the MSN/DNP student is to provide the methodological basis for translating evidence into practice systems and to provide an overview of sources of data, data collection, data management, analysis, and evaluation of research findings, with a focus on biostatistical analysis as a base for evidence-based practice in nursing. Course concepts will include a variety of biostatistical analysis with the primary focus on correct interpretation and use of quantitative methods in advanced nursing practice.
NU 712 Clinical Prevention and Population Health (3)
The purpose of this course for the MSN/DNP student is to explore the complex issues surrounding population health at the local, regional, national and global level. Students focus on current health issues and trends by utilizing foundation knowledge and theoretical approaches to identifying strategies to eliminate health disparities in diverse organizational cultures and select populations of interest. Students develop and evaluate approaches to health care delivery that address and support the needs of diverse populations while focusing on health promotion, illness prevention, quality/safety and diversity. Leading Health Indicators from Healthy People 2020 serve as a guide for the identification of at risk groups and are incorporated into the completion of projects geared toward improving the health of individuals, aggregates and populations.

NU 713 Organizational and Systems Leadership for the Advanced Practice Nurse (3)
The purpose of this course for the MSN/DNP student is to explore the use of innovative leadership initiatives to build an organizational culture that will support the future of healthcare. Desirable attributes and traits of effective leaders in complex, ever-changing healthcare organizations are discussed. The ideas of organizational and systems leadership are appraised. Content assists students in identifying the knowledge, skills and abilities for successful transition as leaders in high reliability organizations. The importance of self-awareness and self-reflection are highlighted as a method of creating a culture of high performance with accountability. Effective communication techniques, successful conflict resolution and effective problem solving practices within high reliability organizations are explored. Emphasis is placed on shared governance, maximizing teamwork and inspiring team members to share in organizational visions and goals. Strategic planning is discussed as an avenue to measure leadership and organizational success.

NU 715 Innovation Leadership and Collaboration in Healthcare (3)
The purpose of this course for the MSN/DNP student is to explore key concepts of innovative leadership as students develop an appreciation for the knowledge, skills and attributes required to engage teams in creative, evidence based initiatives. In-depth exploration of the leader’s primary role in successful organizational change is emphasized. Students cultivate the knowledge, skills and abilities to apply to authentic, innovative leadership to an identified practice issue. The ideas of collaborative partnerships and teamwork are explored as effective strategies to improve healthcare outcomes for individuals and aggregates. Organizational culture and the influence of values are closely examined as factors influencing successful change. Students discover the importance of effective communication, successful collaboration, and team building to the process of change. The idea of executing meaningful performance conversations is emphasized as a strategy for preparing the MSN/DNP student for advanced roles in leading change. Models of quality improvement and project planning, implementation and evaluation are also examined.

NU 716 Interprofessional Health Care and Informatics (3)
The purpose of this course is to prepare the MSN/DNP student to be proficient in the evaluation and use of technology and information systems appropriate to specialized areas of advanced nursing practice. The course focuses on information systems and current technology in the management of healthcare outcomes. Within the course, emphasis is placed on the use of information systems and technology based resources to support interprofessional and collaborative clinical and administrative decision making to transform healthcare.

Parallel Cooperative Education Program (CEP)

CEP 510 Parallel Co-Op Education (0)
Cooperative Education experience of part-time employment (15-30 hrs./week) in an approved Co-Op position while enrolled.

CEP 520 Parallel Co-Op Education (0)
Cooperative Education experience of part-time employment (15-30 hrs./week) in an approved Co-Op position while enrolled.

CEP 530 Parallel Co-Op Education (0)
Cooperative Education experience of part-time employment (15-30 hrs./week) in an approved Co-Op position while enrolled.

CEP 540 Parallel Co-Op Education (0)
Cooperative Education experience of part-time employment (15-30 hrs./week) in an approved Co-Op position while enrolled.

Physics (PHS)

PHS 491 Quantum Mechanics (3)
Prerequisite(s): PHS 211 with PHS 213, PHS 212 with PHS 214, PHS 301, PHS 343, and MS 344.
An extension of the investigation of quantum mechanics begun in PHS 301 to include the full mathematical development of the theory. Basic tools including linear operators and matrices will be used to explore physical systems.

PHS 500 Physics for Teachers (3)
Designed for teachers, this course will reinforce and extend basic concepts in physics covered in the Science Course of Study. (May be used in the general science teaching field with a major in secondary education.) May be repeated up to three times.

PHS 501 Physics for Teachers (3)
This course deals with basic concepts in physics for pre-service and in-service secondary education teachers. It covers contents, methods, and hand-on activities. Topics selected from electricity, magnetism, and optics.

PHS 502 Physics for Teachers (3)
This course deals with the basic concepts in physics for pre-service and in-service secondary education teachers. It covers contents, methods, and hands-on activities. Topics selected from modern physics, e.g., quantum physics, atomic physics, and nuclear physics.

Political Science (PSC)

PSC 410 Religion, Politics and Policy (3)

PSC 412 Inter-governmental Relations (3)
Prerequisite(s): None.
Undergraduate Prerequisite: PSC 100. Graduate (Public Administration and Policy) Examines the development, institutions, processes, and problems of state and local government in the United States and their interaction with each other and with the federal government.
PSC 423  American Foreign Policy (3)  
(Global Studies) Traces main streams of American foreign policy from the twentieth-century to the present. Major American foreign policy decisions are used in the analytical development of American foreign policy processes. The various influences upon foreign policy decision-making are identified and evaluated.

PSC 430  Governments of Asia (3)  
(Global Studies) Examines the political systems and political cultures of Asian countries from Afghanistan to Southeast Asia, with major emphasis on India, China, and Japan.

PSC 431  Comparative Politics (3)  
(Global Studies) An examination of the government and politics of a variety of different national states that includes the concepts, ideas, and analytical tools necessary to understand the structures and processes of different types of political systems. Covers western and non-western, developed and less developed, communist and post-communist, and newly industrializing countries. The impact of globalization is also examined.

PSC 439  Model Debate Team: Global Issues (1)  
Prerequisites for undergraduate: Sophomore status and completion of one global course with a grade of C or better and permission of instructor. Students learn about global issues by representing other countries in model simulations such as Model United Nations and Model Arab League. Students research, write, debate, negotiate, and pass resolutions on issues of international concern. Repeatable up to 4 times. Course also counts toward Political Science major.

PSC 442  Legal Reasoning (3)  
Prerequisite(s): PSC 203 or Instructor's Approval.  
(American Government) An examination of American legal decision-making processes with emphasis on legal theory and application, a review of our blended statutory-common law system and the associated legal processes, and the methodology of legal research and writing.

PSC 443  Constitutional Law I (3)  
(American Government) Fundamental principles of U.S. Constitution and its development including powers of President and Congress, federalism, interstate commerce, and others; textbook and case method.

PSC 444  Constitutional Law II (3)  
(American Government) Relationship between individual and government as revealed through constitutional law cases; civil liberties based on interpretation of Bill of Rights and Fourteenth Amendment; textbook and case method.

PSC 445  Southern Politics (3)  
(American Government) An examination of the party system of the Southern states in terms of its origin, nature, distribution of power and impact on national politics.

PSC 447  Politics and Public Opinion (3)  
(American Government) Forces affecting politics, public opinion, and elections in the U.S.; examines the election structure, as well as individual and group political participation.

PSC 450  The American Executive (3)  
(Public Administration and Policy) Role and behavior of American executives at national, state, and local levels in the U.S. political system with emphasis on American presidency.

PSC 451  Ancient and Medieval Political Theory (3)  
(Theory and Methodology) Examines political thought from ancient Greece to the late Middle Ages in Europe. An emphasis is placed on the historical-cultural context in which these theories developed and their influence on modern concepts.

PSC 452  Modern Political Theory (3)  
(Theory and Methodology) Examines the major trends in political thought from the Early Modern Era of the 1600's to the present with emphasis upon the development of classical (conservative) liberalism, progressive or new liberalism, socialism, Marxist communism, fascism, and national socialism.

PSC 454  American Political Thought (3)  
(Theory and Methodology) Principal ideas of leading political thinkers in America from colonial period to the present.

PSC 455  Introduction to Political Psychology (3)  
(Theory and Methodology) This course is an overview of the interdisciplinary connection between political and psychological processes. The incorporation of political science and psychology might help in the understanding of why leaders behave as they do and why citizens support or oppose political leaders. The course will include: social cognition and decision making, personality and identity, and environmental factors that affect individual political ideologies. (PSC 455 is cross-listed with PSY 446, but only one course may be taken for credit.)

PSC 482  Grantwriting (3)  
(Public Administration and Policy) Practical course instructing the steps involved in the grantwriting process. The course includes strategic planning, research, finding appropriate grant sources and writing the grant.

PSC 493  The Judicial Process (3)  
Prerequisite for Undergraduate: PSC 100. Prerequisite for Graduate: None. (American Government) Procedures involved in judicial process; attendance at actual court trials in the local area.

PSC 500  Foundations of Public Administration (3)  
Explores the evolutionary process of American public administration with the intent of focusing on theoretical and applied contexts of contemporary public administration. Special attention is placed upon the role of administration as it applies to the legislative-executive relations (including accountability, transparency and responsibility in democratic administration), the role of administration in the policymaking process, the legal basis for public administration, and financial and personnel responsibilities of administrators in the public sector.

PSC 501  The Analysis of Policy (3)  
An in-depth investigation of intergovernmental functions and major programs on the federal, state, and local levels of government, including modes of analysis, models of decision making, evaluation methods, styles of executive leadership, by employing examples of past and current policies.

PSC 502  Research Methods in Public Administration (3)  
Social research methods and their application to public administration; examination of the role of social research in the analysis, interpretation and clarification of problems in public administration. (PSC 502 is cross-listed with CJ 502 and only one course may be counted for credit.)

PSC 504  Administrative Leadership and Ethics (3)  
The effective application of major theoretical frameworks to diagnose organizations' ethical cultures and exercising the various principles of leadership when resolving ethical issues in order to institute organizational change.

PSC 512  Intergovernmental Relations (3)  
Examines the development, institutions, processes, and problems of state and local government in the United States and their interaction with each other and with the federal government.
PSC 521 Administrative Law (3)
Legal principles and procedures involved in administration of government agencies.

PSC 531 Public Personnel Administration (3)
Functions, procedures, and problems of personnel management at all levels of government.

PSC 532 Public Finance Administration (3)
Collection, custody, and expenditure of public revenue, public borrowing and debt management, preparation and execution of the budget, and financial accountability for public spending.

PSC 540 Organizational Theory and Bureaucratic Structure (3)
This course is designed to enhance the study of complex organizational structures and the behavior of individuals working within those organizations. An emphasis is placed on public institutions and the affect different organizational structures and behaviors have on public policy.

PSC 545 Seminar in Public Administration (3)
Theories, or models, of administrative organization and behavior and examination of relationship between public administration and political process.

PSC 546 Diversity in the Workplace (3)
This public administration course examines how and why race, class, and gender differences inform and shape our legal and social structures and impact the legal decision-making process, social change, and social institutions of modern American Society.

PSC 555 Seminar in Comparative Public Administration (3)
Comparison of approaches to and problems associated with public administration in different nation types: western/nonwestern; developed/underdeveloped; large/small; and open/closed.

PSC 583 Directed Studies in Political Science (3)
Permission of the instructor and approval of the department head. Requires in-depth research/study of specific topics under close supervision by the instructor. A letter grade will be assigned for this course.

PSC 584 Directed Studies in Political Science (3)
Permission of the instructor and approval of the department head. Requires in-depth research/study of specific topics under close supervision by the instructor. A letter grade will be assigned for this course.

PSC 585 Directed Studies in Public Administration (3)
Prerequisite(s): Approval of the department head and approval of instructor. In-depth study of selected topics.

PSC 586 Directed Studies in Public Administration (3)
Prerequisite(s): Approval of department head and approval of instructor. In-depth study of selected topics.

PSC 594 Legal Internship (3)
Permission of the instructor and approval of the department head. Supervised assignment in offices of area district attorneys, judges, or law firms. Minimum of 8 hours per week. Grade: Pass/Fail.

PSC 595 Legal Internship (3)
Permission of the instructor and approval of the department head. Supervised assignment in offices of area district attorneys, judges, or law firms. Minimum of 8 hours per week. Grade: Pass/Fail.

PSC 597 Public Affairs Internship (3)
Prerequisite(s): Approval of department head and approval of instructor. (Grade of Pass or Fail only) Supervised assignment in office of an area public agency for a minimum of eight hours per week.

PSC 598 Public Affairs Internship (3)
Prerequisite(s): Approval of department head and approval of instructor. (Grade of Pass or Fail only) Supervised assignment in office of an area public agency for a minimum of eight hours per week.

Psychology (PSY)

PSY 450 History and Systems of Psychology (3-4)
Prerequisite(s): None.
Undergraduate Prerequisites: "C" or better in PSY 301 and senior standing. Graduate Examines the historical evolution of modern psychology and the conceptual systems which have been developed. This course serves as the psychology capstone course and the Major Field Test in Psychology is required.

PSY 500 Behavioral Psychopharmacology (3)
Behavioral effects of psychoactive drugs, neurochemical and behavioral mechanisms of drug dependency.

PSY 502 Motivation (3)
Research techniques, their findings, and applications to problems of motivation; topics from hunger and thirst to human incentive motivation.

PSY 504 Graduate Behavior Analysis Lab (1)
Teaches the skills involved in specifying, observing, and changing behavior as well as the standard behavioral laboratory techniques.

PSY 508 Personnel Supervision and Management (3)
Introduction to personnel supervision and management using the principles of behavior analysis. Evaluating professional behavior and leadership skills, and applying concepts, strategies, and tactics to professional experiences.

PSY 511 Conceptual Foundations of Behavior Analysis (3)
Issues underlying the acquisition, conceptualization, and understanding of valid knowledge in psychology, including the design, implementation, and interpretation of research.

PSY 521 Functional Assessment (3)
The strategies and ethics of functional assessment are presented in the larger context of behavioral assessment. Research articles relevant to indirect, descriptive, and experimental functional assessment approaches and assessment-based interventions are reviewed.

PSY 528 Applied Behavior Analysis I (3)
Prerequisite(s): PSY 221 or PSY 504.
An introduction and examination of the theory, principles, and methods of modern applied behavior analysis.

PSY 529 Applied Behavior Analysis II (3)
Prerequisite(s): "B" or better in PSY 528 and PSY 221 or PSY 504.
Diverse populations commonly served by applied behavior analysis (e.g., substance abuse, autism, traumatic brain injury) are examined with respect to their prevalence, defining characteristics, etiology, and current research trends. The potential for the use of behavior analysis in underserved populations is also discussed.

PSY 530 Single-Subject Research Methods (3)
Prerequisite(s): "B" or better in PSY 528 and PSY 221 or PSY 504.
Examination of the strategies and tactics used in single-subject research to implement socially important behavior change.

PSY 534 Experimental Analysis of Behavior (3)
Prerequisite(s): "B" or better in PSY 511.
A development of the paradigmatic framework of the experimental analysis of behavior, and an examination of the research and resulting body of knowledge provided by that analytical approach.
PSY 538 Ethics and Professional Development (3)
Prerequisite(s): "B" or better in PSY 508 and PSY 530.
Discussion of ethical guidelines and professional skills pertinent to research and practice in behavior analysis.

PSY 540 Analysis of Child Development (3)
Prerequisite(s): Completion of 12 semester hours of core psychology graduate courses including PSY 530 and PSY 534.
The behavior analytic view of child development is compared and contrasted with other systems for understanding development (e.g., Piagetian theory). Students review and critically evaluate current and seminal literature related to several developmental domains (e.g., motor, language, social).

PSY 541 Verbal Behavior (3)
Prerequisite(s): PSY 530 and PSY 534.
The conceptual foundation, empirical basis, and practical application of verbal behavior are surveyed.

PSY 544 Behavior Analysis in Intellectual and Developmental Disabilities (3)
Prerequisite(s): PSY 530 and PSY 534.
Discussion of important literature relevant to the use of applied behavior analytic principles and methods for studying and treating problems related to intellectual and developmental disabilities (IDD).

PSY 551 Seminar in Contemporary Topics (3)
Prerequisite(s): PSY 530 and PSY 534.
Various topics covering real-world applications of contemporary topics in Psychology.

PSY 552 Seminar in Contemporary Topics (3)
Prerequisite(s): PSY 530 and PSY 534.
Various topics covering real world applications of contemporary topics in Psychology.

PSY 553 Seminar in Contemporary Topics (3)
Prerequisite(s): PSY 530 and PSY 534.
Various topics covering real world applications of contemporary topics in Psychology.

PSY 554 Seminar in Contemporary Topics (3)
Prerequisite(s): PSY 530 and PSY 534.
Various topics covering real world applications of contemporary topics in Psychology.

PSY 562 Associative Learning (3)
Prerequisite(s): PSY 511.
Analysis of classical conditioning, human causal and contingency learning, and memory paradigms, with a special emphasis on historical and contemporary theoretical accounts of these phenomena.

PSY 566 Impulsivity and Self-Control (3)
Prerequisite(s): PSY 530 and PSY 534.
The conceptual, experimental, and economic analysis of impulsivity and self-control in both human and non-human animals.

PSY 570 Instructional Practicum (3)
Prerequisite(s): Consent of instructor.
Application of psychological principles in educational settings such as undergraduate courses; responsibilities could include lab assistantship tasks including mentoring of students, presentation of course work, organization of class materials, etc. under the supervision of a faculty member.

PSY 571 Instructional Practicum (3)
Prerequisite(s): Consent of instructor.
Application of psychological principles in educational settings such as undergraduate courses; responsibilities could include lab assistantship tasks including mentoring of students, presentation of course work, organization of class materials, etc. under the supervision of a faculty member.

PSY 579 Applied Behavior Analysis Practicum (3)
Prerequisite(s): Approval of the instructor.
Practice of behavior analysis in applied settings such as habilitation of individuals with developmental disabilities, modification of behavior in schools, and improvement of organization performance.

PSY 580 Applied Behavior Analysis Practicum (3)
Prerequisite(s): Approval of the instructor and psychology graduate committee.
Practice of behavior analysis principles in applied settings such as habilitation of individuals with developmental disabilities, modification of behavior in schools, and improvement of organization performance.

PSY 581 Applied Behavior Analysis Practicum (3)
Prerequisite(s): Approval of the instructor and psychology graduate committee.
Practice of behavior analysis principles in applied settings such as habilitation of individuals with developmental disabilities, modification of behavior in schools, and improvement of organization performance.

PSY 592 Independent Research (3)
Prerequisite(s): Approval of instructor and psychology graduate committee.
Students will conduct supervised research projects chosen in coordination with their supervisor.

PSY 593 Independent Research (3)
Prerequisite(s): Approval of the instructor and psychology graduate committee.
Students will conduct supervised research projects chosen in coordination with their supervisor.

PSY 594 Independent Readings (3)
Prerequisite(s): Approval of the instructor and psychology graduate committee.
Independent readings will normally include content not offered in regularly scheduled classes.

PSY 595 Independent Readings (3)
Prerequisite(s): Approval of the instructor and psychology graduate committee.
Independent readings will normally include content not offered in regularly scheduled classes.

PSY 599 Thesis (3)
Prerequisite(s): Dean's Approval and Approval of Application for Thesis Option.

Reading Specialist (RDG)

RDG 520 Teaching Reading (3)
Corequisite(s): RDG 521, ECE 533 and EED 530.
The purpose of this course is to provide information regarding methods, materials, and research findings concerned with beginning reading instruction for the elementary grades. Requires Teacher Education eligibility.
RDG 542 Practicum in Teaching Reading (3)
Prerequisite(s): Admission to Graduate Studies.
Corequisite(s): RDG 520, EED 530 and ECE 533.
Provides prospective teachers an opportunity to observe, analyze, and apply concepts and theories in schools and classrooms. Must meet Teacher Education Program eligibility.

RDG 530 Methods and Materials for Reading: Teaching Students with Exceptionalities in the Inclusive Setting (3)
Requires Teacher Education Program Eligibility. The purpose of this course is to provide information regarding methods, materials, and research findings concerned with reading strategies for students with exceptionalities. The course is designed for general or special education classroom teachers and education professionals.

RDG 538 Teaching Reading in ECE (3)
Methods, materials and research findings concerned with beginning reading instruction emphasizing P-3.

RDG 542 Strategic Reading Across the Curriculum (3)
The purpose of this course is to provide instruction in methods and materials regarding strategic reading for the elementary grades with emphasis building expertise in literacy instruction, including traditional and new literacies across the curriculum. Simulations, scenarios, blogging, wiki posts, and reflection are an important component of this course.

RDG 543 Teaching Struggling Readers: Methods for Collaborative Education (3)
Prerequisite(s): SPE 300 or 500, SPE 524, and SPE 554.
Corequisite(s): SPE 537 and 564.
Requires Teacher Education Program eligibility. This course provides teacher candidates with methods, materials, and research findings on the foundations of teaching reading for the elementary grades.

RDG 545 Teaching Language Arts (3)
Scope and sequence of total language arts program in the elementary school; individual research projects. EED 545 is cross-listed with RDG 545 and only one course may be counted for credit.

RDG 546 Multicultural Literature (3)
Using literature to increase cultural awareness can be an effective tool for teaching in the elementary classroom. Students will explore, analyze, and share literature that portrays history, customs, values, and/or languages of various cultural groups. Requires Teacher Education Program eligibility.

RDG 547 Diagnosing Reading Abilities (3)
Requires Teacher Education Program eligibility. Research in diagnosing reading abilities, handling current diagnostic tools, and construction of evaluation of instruments.

RDG 567 Improvement of Reading in Secondary Schools (3)
Teaching reading in subject matter areas and developmental reading for high school students. RDG 567 is cross-listed with ESE 567 and only one course may be counted for credit.

RDG 572 Assessment of Diagnosis in Reading (3)
Prerequisite(s): EED 542 or RDG 542.
Application of knowledge gained in course work; emphasis placed on using a variety of formal and informal assessment tools to determine the strengths and weaknesses of struggling readers while using this information to implement specialized instruction to enhance the student’s literacy development; case study requires collection and interpretation of assessment data, planning, and implementation of remediation lessons for the struggling reader.

RDG 573 Intervention Strategies for Reading Instruction (3)
Prerequisite(s): EED 542 or RDG 542.
Examines research-based best practices in effective intervention strategies for students experiencing difficulties in reading. Reading materials and programs will be examined and evaluated in terms of application for effective intervention instruction.

RDG 574 Practicum for Teachers of Reading (3)
Prerequisite(s): EED 542 or RDG 542 and a passing score on the appropriate PRAXIS II exam is required prior to taking this course. Application of knowledge gained in course work; emphasis placed on providing literacy services in developmental reading or reading intervention programs at a variety of levels.

RDG 575 Internship in the Organization and Supervision of Reading Programs (3)
Prerequisite(s): EED 542 or RDG 542.
Application of knowledge gained in course work; emphasis placed on designing and implementing literacy programs, planning and providing professional development, providing leadership in literacy instruction and serving as a resource for teachers, administrators, and the community. Must be completed at JSU.

Secondary Education (ESE)

ESE 500 Research and Statistics in Secondary Education (3)
Provides the foundation for the interpretation and conceptualization of research in secondary education. Instruction will focus on the variety of research methodologies and statistical analysis to strategies to develop and incorporate such strategies into action research projects for the 6-12 classrooms. Replaces EFD 500.

ESE 502 Curriculum Development in Secondary Schools (3)
Advanced study of the theories, models, and practical application of curriculum development and revision in Secondary Schools.

ESE 504 Effective Teaching (2)
Prerequisite(s): EPI 429 and 430.
Corequisite(s): ESE 484.
Blends theory and practice. Materials and methods of teaching at the secondary level. Requires Teacher Education Program eligibility.

ESE 505 Education Methods, Assessment, and Technology in Secondary Schools (3)
Corequisite(s): ESE 510.
Provides an introduction to basic teaching methodologies, assessment strategies, and available technologies for students seeking alternative certification. Students wishing to take this course must be unconditionally eligible for the Teacher Education Program.

ESE 510 Secondary Practicum One (2)
Corequisite(s): ESE 505.
Practical experience for students enrolled in ESE 505. Provides a 100 clock-hour, Level II clinical experience, supervised by secondary education faculty. Students wishing to take this course must be fully eligible for the Teacher Education Program.

ESE 520 Teaching Mathematics (3)
Materials and methods of teaching mathematics at the secondary level. Requires Teacher Education Program eligibility. Offered in the Fall and Spring Semesters only.

ESE 521 Teaching Social Studies (3)
Materials and methods of teaching history and other social sciences at the secondary level. Requires Teacher Education Program eligibility. Available in Fall and Spring semesters only.
ESE 522 Teaching Language Arts (3)
Materials and methods of teaching the language arts at the secondary level. Requires Teacher Education Program eligibility. Available in Fall and Spring semesters only.

ESE 523 Teaching General Science (3)
Materials and methods of teaching the natural and physical sciences at the secondary level. Requires Teacher Education Program eligibility. Available in Fall and Spring semesters only.

ESE 531 Philosophy of Adolescent Education (3)
Advanced study of contemporary philosophies of education as they relate to the education of adolescents, the historical development of these philosophies as they have been applied at the secondary education level, and the impact these philosophical beliefs have on secondary education.

ESE 534 Secondary Practicum Two (3)
Corequisite(s): Students must also be enrolled in the appropriate special methods course ESE 520-523.
Practical experience for students enrolled in ESE 520-523. Provides a 150 clock-hour, Level III clinical experience, supervised by secondary education faculty. This practicum allows student to observe the daily functions of teachers and students and teach a minimum of six full lessons in a local school setting. Students wishing to take this course must be unconditionally eligible for the Teacher Education Program.

ESE 540 Diversity and Multicultural Education in the United States (3)
Prerequisite(s): Student must fulfill one of the following in order to take this course
Admission to the College of Education and Professional Studies or 2. Previous degree in an education related field or 3. Permission from instructor or department head. This course develops a broad understanding of the student diversity in secondary schools in the United States. Various approaches to multicultural education will be employed to equip Teacher Candidates with teacher to a diverse student population.

ESE 544 Assessment of Teaching and Learning in Secondary Schools (2)
Prerequisite(s): EPY 429 and 430.
This course is an introduction to developmentally appropriate evaluation of teaching/learning at the secondary level. Requires Teacher Education Program eligibility.

ESE 555 Professional Practices in Secondary Schools (3)
Introduction of the current trends and issues in the American society today and the psychological, sociological, and philosophical impact of those issues on American education. Replaces EFD 515.

ESE 561 Foundations of Secondary Education (3)
Examines the basic of schools of thought concerning the foundations of public education with an emphasis on the psychological, sociological, and philosophical impact on the nature of learning and the learner.
Students wishing to take this course must be unconditionally eligible for the Teacher Education Program.

ESE 567 Literacy Theory and Practice (3)
Examines literacy theory and practice in the secondary schools. ESE 567 is cross-listed with RDG 567 and only one course may be counted for credit. Students wishing to take this course must be unconditionally eligible for the Teacher Education Program.

ESE 570 Critical Inquiry in Mathematics (3)
Provides opportunities to gather, interpret, and evaluate materials related to the teaching of mathematics. Evidence of inquiry may include in-class essay examinations, prepared essays, presentations, projects, etc.

ESE 571 Critical Inquiry in History and Social Science (3)
Provides opportunities to gather, interpret, and evaluate materials related to the teaching of history and social science. Evidence of inquiry may include in-class essay examinations, prepared essays, presentations, projects, etc.

ESE 572 Critical Inquiry in English Language Arts (3)
Provides opportunities to gather, interpret, and evaluate materials related to the teaching of language arts. Evidence of inquiry may include in-class essay examinations, prepared essays, presentations, projects, etc.

ESE 573 Critical Inquiry in Biology and General Science (3)
Provides opportunities to gather, interpret, and evaluate materials related to the teaching of biology and general science. Evidence of inquiry may include in-class essay examinations, prepared essays, presentations, projects, etc.

ESE 582 Methods of Teaching in Secondary Schools (3)
Contemporary methods of teaching in secondary schools; behavioral objectives, teaching techniques, and group and individualized instruction.

ESE 584 Secondary Practicum (2)
Prerequisite(s): EPY 429G and 430.
Corequisite(s): ESE 504.
A 100 clock-hour, supervised Level III clinical experience in Grades 6-12.

ESE 585 Assessment and Technology Applications in Secondary Schools (3)
Reviews the use of assessment procedures which are developmentally appropriate in secondary education.

ESE 588 Graduate Internship in Secondary Education (3)
Prerequisite(s): Admission to Alternative Fifth-Year Teacher Certification Program and EFD 500, EFD 515 and EFD 560.
Supervised teaching in grades 6-12; full-time assignment for a semester in a public school. Scheduled at the end of program. Fall and Spring only.

ESE 590 Classroom Management Theory and Practice (3)
Prerequisite(s): Student must fulfill one of the following in order to take this course
Admission to the College of Education and Professional Studies or 2. Previous degree in an education related field or 3. Permission from instructor or department head. This course provides an introduction to the major theories related to classroom management and appropriate application of these theories into the secondary school environment.

Social Work (SW)

SW 500 Social Work Ethics and Professional Development (3)
Prerequisite(s): Admission to MSW program.
This course examines the issues of social work professionalism, the process of becoming a social work professional and the exploration of ethical challenges within the profession. The course focuses on acquiring and practicing the skills of ethical decision-making, including values clarification, utilization of codes of ethics and ethical analysis. Topics also include: philosophy and history of the profession, licensure, human rights and social justice.

SW 505 Generalist Practice with Individuals (3)
Prerequisite(s): degree admission to MSW program.
Course provides foundation content in the knowledge and skills for strengths-based generalist social work practice with individuals.
Students will begin to acquire generalist social work practice skills and an identity with the social work profession.
SW 506 Generalist Practice with Families and Groups (3)  
Prerequisite(s): degree admission to MSW program.  
Course provides foundation content in the knowledge and skills for strengths-based generalist social work practice with families and groups. Family assessments and interventions and group practice issues will be examined.

SW 507 Generalist Practice with Organizations and Communities (3)  
Prerequisite(s): degree admission to MSW program.  
Course provides foundation content emphasizing developing generalist knowledge and skills for strengths-based generalist social work practice at the group, organizational, community and societal levels.

SW 510 Social Welfare Programs, Policy and Analysis (3)  
Prerequisite(s): degree admission to MSW program.  
Surveys social welfare instructions, emphasizing the strengths and weaknesses of programs within the context of the social problems they address. The course includes an introduction to social welfare policy analysis and the role of the social work profession in affecting change in social welfare policy. Student membership in the National Rural Social Work Caucus is required.

SW 512 Cultural Competence for Generalist Practice (3)  
Prerequisite(s): degree admission to MSW program.  
Students will examine the impact of culture, race and ethnicity on client/worker interactions. The course presents practice theories and interventions for culturally competent advanced generalist practice with different populations. Students will develop essential knowledge, awareness, and skills to support culturally competent social work practice. Concepts related to the promotion of social and economic justice are emphasized. Topics include power, privilege, oppression, rural myths and stereotypes, and community self-concept.

SW 514 Social Work Research and Evidence Based Practice (3)  
Prerequisite(s): SW 510, SW 518, SW 519 or Advanced Standing Status.  
This course will enable the student to develop competence in the integrated use of research and information technologies in knowledge building in social work practice. Students are introduced to the components of quantitative and qualitative research methods. Students will develop knowledge of evidence-based practice, including skills needed to identify, acquire and assess appropriate interventions for practice across client system levels.

SW 516 Crisis Intervention & Trauma Management (3)  
Prerequisite(s): Graduate standing.  
Admission to the MSW program. This course examines social work practice theories and intervention approaches and skills as they apply to practice with survivors of various forms of traumatic life events. Students will be able to apply theory to intervention techniques. Participants will learn the fundamentals of trauma and traumatic stress, and a general understanding of the implications of crisis intervention techniques to modify manage, and cope with trauma.

SW 518 Human Behavior and the Social Environment I (3)  
Prerequisite(s): degree admission to MSW program.  
This course explores the basic concepts and theories that explain the development of personality and social behavior within a social systems framework. Attention is given to the impact of bio-psycho-social-cultural factors on individuals, small groups, and the family. This course examines behavior within the context of individuals, families, groups, organizations, communities, and cultures and the core theories that guide social work practice.

SW 519 Human Behavior and the Social Environment II (3)  
Prerequisite(s): SW 518.  
This course provides students with core knowledge of theory pertaining to broad social units (i.e., the work place, organizations, institutions, ideologies, the world views, etc.). The course utilizes a systems framework and emphasizes the themes of advocacy, empowerment and planned-change in exploring various theoretical orientations to the study of human behavior in organizations, communities and society.

SW 520 Psychopathology and Psychopharmacology (3)  
Prerequisite(s): SW 505, SW 506, SW 507 or advanced standing status.  
This course provides a focus on a bio-psycho-social-cultural understanding of mental illness from an ecosystems perspective. Students critically examine the DSM-V and the psychopharmacological interventions for psychopathological conditions across the lifespan.

SW 521 Social Work Practices in Rural and Non-Urban Areas (3)  
Prerequisite(s): SW 505 and SW 506 or advanced standing status.  
This course introduces students to social work in the rural context. Presents current trends in rural social work practice and considers the most effective ways to serve rural communities. Issues related to social work practice, rural communities, rural behavior, and social welfare policy are presented. A generalist model of practice, systems and person-in-environment theories help students develop a more sophisticated understanding of general problems and concerns found in rural communities.

SW 524 Advanced Generalist Methods with Individuals and Families (3)  
Prerequisite(s): SW 505, SW 506, and SW 507 or advanced standing status.  
This course develops the advanced generalist practice competencies needed for intervention with individuals and families from diverse backgrounds are developed. Evidence-based theories and practice intervention strategies are applied.

SW 525 Advanced Generalist Methods with Groups and Organizations (3)  
Prerequisite(s): SW 505, SW 506, SW 507 or advanced standing status.  
This course develops the advanced generalist practice competencies needed for administrative and supervisory intervention with organizations and communities. Evidence-based theories and practice intervention strategies are applied, includes the development of skills in social work leadership and administration.

SW 528 Substance Abuse and Addictions (3)  
Prerequisite(s): Graduate standing.  
Admitted MSW student or with instructor permission. Examines the prevalence and etiology of chemical dependency and its impact on individuals, families, and society. Utilizes an advanced generalist practice modality for the development of professional social work knowledge, values and skills in the prevention and treatment of chemical dependency across multiple systems.

SW 531 Aging, Society and the Life Course (3)  
Prerequisite(s): Graduate standing.  
Admission to the MSW program. The course provides an in-depth understanding of aging issues at individual and societal levels for effective social work practice with older adults and their families. This course provides students to conduct social work interventions with older adults and their families in rural and non-urban communities.
SW 534 Health, Health Care and Disabilities (3)
Prerequisite(s): Graduate standing.
Admission to the MSW Program or with Instructor Permission. This course provides knowledge about the contemporary organization of health care including the examination of state and federal health and disability policies and programs and modes of integrated health care. It includes analysis of the ethics and politics of inequality in the U.S. health and healthcare systems.

SW 537 Advanced Practice with Children and Adolescents (3)
Prerequisite(s): Graduate standing.
Admission to the MSW program. This course focuses on clinical social work practice with children and adolescents. Students will learn specific skills for effectively assessing and treating children and adolescents. The course examines the complexities of the interactions between children and their environment.

SW 540 Death, Loss and Disaster Response in Social Work Practice (3)
Prerequisite(s): Graduate Standing.
Admission to the MSW program. The course offers an overview of the social impact of violence, major types of violent events, and natural disasters. Students will acquire skills in community mobilization, collaborative recovery and response practices, and grief support. Special attention will be paid to evidence based crisis and trauma responses.

SW 546 Advanced Practice in Forensic Social Work (3)
Prerequisite(s): Graduate standing.
Admission to the MSW program. This course explores the role of social work in legal processes within the criminal justice system, child welfare system, mental health system, juvenile justice system, domestic/family violence, etc. It includes the application of knowledge and skills in forensic interviewing, risk assessment, expert testimony, mediation, and victim advocacy.

SW 555 Social Work Advocacy (3)
Prerequisite(s): Admission to the MSW program.
The course will emphasize the role of social workers in social movements and students will be able to develop an understanding of community organizing. This course is designed to provide students with further knowledge and skills in community and advocacy practice. Students will leave the course understanding how to engage in community change processes.

SW 570 Field Practicum I (9)
Prerequisite(s): SW 505 and SW 506.
Advanced field instruction in a social welfare setting under the direct supervision of a professional social worker. Focuses on the development of advanced applied skills, knowledge, and values for direct social work practice. Four hundred fifty (450) hours of agency experience and two (2) bi-weekly integrative seminar are required for the semester.

SW 571 Field Practicum II (9)
Prerequisite(s): SW 521, SW 524, SW 525 and SW 570.
Advanced field instruction in a social welfare setting under the direct supervision of a professional social worker. Focuses on the development of advanced applied skills, knowledge, and values for direct social work practice. Four hundred fifty (450) hours of agency experience and two (2) bi-weekly integrative seminar are required for the semester.

Special Education Collaborative Teacher (SPE)

SPE 500 Survey Course in Special Education (3)
Foundations of Collaborative Education as well as various areas of exceptionality including cognitive impairments, behaviorally disordered, multiple disabled, learning disabled, gifted and talented, hearing impaired, visually impaired, autism spectrum disorder, speech and language disordered, and early education for students with disabilities.

SPE 509 Data Analysis K-12 (3)
Use of technology to support collection, organization, and presentation of classroom assessment data. Emphasis on summarizing, describing, presenting, and interpreting data to facilitate decision-making for students with various disabilities.

SPE 512 Methods & Materials Mild Disabilities K-12 (3)
Prerequisite(s): SPE 502.
Advanced discussion of how mild disabilities affect academics and behavior; current methods for teaching and training individuals from kindergarten through graduation.

SPE 520 Technology for SPE (3)
Specialized applications of classroom technology to support UDL and RTI for students with disabilities with diverse learning needs.

SPE 521 Collaborative Reading/Math Strategies (3)
Strategies for identifying problems and planning instruction to remediate reading and/or math problems.

SPE 522 Assessment of Special Populations (3)
Focuses on the evaluation process, related strategies and instruments designed to facilitate decision-making for students with various disabilities.

SPE 524 Methods and Strategies for Learning and Behavior (3)
Introduction of collaborative co-teaching models, strategies for creating an inclusive environment, and individual educational/instructional planning.

SPE 525 Collaborative Math Strategies (3)
Strategies for identifying problems and planning instruction to remediate math problems.

SPE 526 Methods of Autism Spectrum Disorder (3)
Prerequisite(s): SPE 300 or 500, SPE 524, and SPE 554.
Requires Teacher Education Program Eligibility. This is a weekly seminar that focuses on Autism Spectrum Disorder. It consists of a series of seminars on major topics related to ASD such as: historical timeline, diagnosis and assessment, advocacy, current research and statistics, behavioral interventions, classroom supports and services, transition and it covers the lifespan.

SPE 527 Methods and Materials Severe Disabilities K-12 (3)
Methods for teaching students with moderate to severe disabilities including hands-on experiences, career education, transition, AAA assessment, and lesson planning to teach life skills.

SPE 528 Methods and Materials Mild Disabilities K-12 (3)
Advanced discussion of how mild disabilities affect academics and behavior. Emphasis on current methods for teaching and training individuals from kindergarten through high school.
SPE 529  Collaborative Teaching for Secondary Classrooms (3)
Prerequisite(s): SPE 300 or 500, SPE 554 and SPE 524.
Corequisite(s): SPE 555, SPE 580.
Requires Teacher Education Program eligibility. This course is designed to provide teacher candidates with an understanding of collaborative and co-teaching models in the secondary classroom setting. Theories of neurodiversity, secondary course content standards, and student engagement techniques will be presented.

SPE 532  Methods and Strategies for Enrichment: Teaching Gifted Students in the Inclusive Classroom (3)
Requires Teacher Education Program eligibility. The purpose of this course is to provide an introduction to collaborative co-teaching models, theories of exceptionalities and methods for gifted enrichment. The course is designed for general or special education classroom teachers and education professionals.

SPE 533  Applied Behavior Analysis in SPE (3)
Practical approach to applied behavior management through demonstration and application of frequently employed models of classroom intervention.

SPE 535  Formative and Summative Assessment (3)
Use of technology to support collection, organization, and presentation of formative and summative classroom and student assessment data with emphasis on summarizing, describing, presenting, and interpreting data to facilitate decision-making for K-12 students with various disabilities.

SPE 536  Methods for Severe Disabilities (3)
Prerequisite(s): SPE 300 or 500, SPE 524 and SPE 554.
Corequisite(s): SPE 565.
Teacher Candidates will develop plans and skills that allow them to teach and interact with individuals in need of ongoing support in more than one major life activity. This includes integration into community settings and learning to enjoy a quality of life comparable to other with less or no disabilities. Supporting skills for communication, self-care, independent living, employment, and self-sufficiency will also be addressed.

SPE 537  Collaborative Teaching (3)
Prerequisite(s): SPE 300 or 500, SPE 524, and SPE 554.
Corequisite(s): RDG 543 and SPE 564.
This course provides teacher candidates with strategies for meeting the needs of students with mild disabilities in inclusive settings, including general and special education classrooms. Includes theories of collaboration, models of co-teaching, and response to intervention procedures. Requires Teacher Education Program eligibility.

SPE 551  Practicum in Mild Disabilities K-12 (3)
Prerequisite(s): A passing score on the appropriate Praxis II, permission of instructor, successful completion of SPE 509, 510, 528, 520, 521, and 533.
Practical teaching experiences in all public school core general education curriculum areas, as well as communication, social behavior, and transition skills.

SPE 554  Medical, Legal, and Ethical Aspects of SPE (3)
Preparation of candidates for professionalism, advocacy, and knowledge of medical, legal, and ethical aspects of students with disabilities within the classroom settings.

SPE 555  Mathematics Strategies for Collaborative Special Education (3)
Prerequisite(s): SPE 300 or 500, SPE 524 and 554.
Requires Teacher Education Program eligibility. The purpose of this course is to acquaint students with materials and methods in the teaching of mathematics concepts and processes based on the Standards developed by the National Council of Teachers of Mathematics, Common Core State Standards and the new “Standards-based” curricula. Specific strategies for struggling mathematics learners will be presented.

SPE 563  Practicum in Severe Disabilities K-12 (3)
Prerequisite(s): A passing score on the appropriate Praxis II, permission of instructor, successful completion of SPE 509, 510, 528, 520, 521, and 533.
Practical teaching experiences with students who have intellectual and adaptive behavior scores in the significant cognitive disability range served in a self-contained classroom for students with severe disabilities.

SPE 564  Practicum in Mild Methods K-12 (3)
Prerequisite(s): SPE 300 or 500, SPE 524 and SPE 554.
Corequisite(s): SPE 537 and RDG 543.
This field experience provides teacher candidates opportunities to observe, analyze, and apply concepts and theories in the K-12 mild setting. Teacher candidates will integrate co-teaching, foundations reading, and principles of collaboration within the classroom environment. Requires Teacher Education Program eligibility.

SPE 565  Practicum in Severe Methods K-12 (3)
Prerequisite(s): SPE 300 or 500, SPE 524 and SPE 554.
Corequisite(s): SPE 536.
This clinical experience provides Teacher Candidates opportunities for application of theory and methods in severe education settings. Requires Teacher Education Program eligibility.

SPE 566  Practicum in Collaborative Special Education K-6 (3)
Field experiences working with students in a special education setting K-6. In the field experiences, the candidate is required to collaborate with professionals to build successful learning experiences for special education students in mild or severe settings. The SPE practicum coursework and related field experiences will prepare candidates to teach in all core general education curriculum areas, as well as communication, social behavior, job competency, and life skills.

SPE 567  Practicum in Collaborative Special Education 6-12 (3)
Field experiences working with students in a special education setting 6-12. In the field experiences, the candidate is required to collaborate with professionals to build successful learning experiences for special education students in mild or severe settings. The SPE practicum coursework and related field experiences will prepare candidates to teach in all core general education curriculum areas, as well as communication, social behavior, job competency, and life skills.

SPE 570  Action Research in SPE (3)
This course will be the culminating experience in the program. Candidates will conduct an action research project in their practicum/internship placement on either an individual student or the entire class. Candidates will be required to write up the research project for possible submission and present the project to the SPE Graduate Faculty.
SPE 580 Practicum in 6-12 Mild (2)
Prerequisite(s): SPE 300 or 500, SPE 524 and SPE 554.
Corequisite(s): SPE 529 and SPE 555.
Requires Teacher Education Program eligibility. This clinical experience provides Teacher Candidates opportunities to observe, analyze, and apply concepts and theories in collaborative settings. Teacher Candidates in this practicum will participate in Transition University along with appropriate school settings.

SPE 584 Practicum in Severe Disabilities, K-6 (3)
Prerequisite(s): SPE 560, SPE 561, SPE 533, permission of the instructor, and a passing score on the appropriate PRAXIS II examination is required prior to taking this course.
Designed to provide 120-150 practicum hours applying previously learned skills in assessing and teaching students with severe disabilities of learning and behavior. Classroom placement will be in an accredited public school classroom for students with severe disabilities at the K-6 level. Offered Spring semester only.

SPE 585 Practicum in Severe Disabilities, 6-12 (3)
Prerequisite(s): SPE 560, SPE 561, SPE 533, permission of the instructor, and a passing score on the appropriate PRAXIS II examination is required prior to taking this course.
Designed to provide 120-150 practicum hours applying previously learned skills in assessing and teaching students with severe disabilities of learning and behavior. Classroom placement will be in an accredited public school classroom for students with severe disabilities at the 6-12 level. Offered Spring semester only.

SPE 586 Practicum in Severe Disabilities (3)
Prerequisite(s): SPE 560 and SPE 561 or SPE 562, and a passing score on the appropriate PRAXIS II exam is required prior to beginning the practicum.
Experience provides a vehicle for discussing current practical issues and teaching strategies as they apply to existing problems in the teacher’s classroom setting.
Supervised classroom teaching experience through on-site observation, as well as related assignments and seminars for graduate students in an actual teaching situation; experience provides a vehicle for discussing current practical issues and teaching strategies as they apply to existing problems in the teacher’s classroom setting.

SPE 617 Advanced Strategies for Students with Disabilities-Elementary Level (3)
Prerequisite(s): SPE 300/500.
This course is designed to present specialist students with preparation in learning, reading, writing, note taking, math, social skills, content, and transition strategies for persons at the elementary level.

SPE 618 Advanced Strategies for Students with Disabilities-Secondary Level (3)
Prerequisite(s): SPE 300/500.
This course is designed to present specialist students with preparation in learning, reading, writing, note taking, math, social skills, content, and transition strategies for persons at the secondary level.

SPE 620 Curriculum Development Seminar in Special Education (3)
Individual student review and development of curriculum in special education field of interest; analysis of principles of early and present curricula and validity of prevailing practice.

SPE 624 Writing for Professional Publication (3)
Refine and develop professional writing skills.

SPE 661 Advanced Research and Practices of Severe Disabilities, K-6 (3)
Prerequisite(s): SPE 560.
Advanced study of methodologies, materials, and management techniques for students with severe physical, mental, and medical developmental disabilities K-6th grade. The purpose is to enhance the capacity of teachers as creative decision makers who are committed to and capable of facilitating student learning in appropriate settings.

SPE 662 Advanced Research and Practices of Severe Disabilities, 6-12 (3)
Prerequisite(s): SPE 560.
Advanced study of methodologies, materials, and management techniques for students with severe physical, mental, and medical developmental disabilities 6th-12th grade. The purpose is to enhance the capacity of teachers as creative decision makers who are committed to and capable of facilitating student learning in appropriate settings.

SPE 684 Advanced Practicum in Special Education Collaborative Teacher K-6 (3)
Prerequisite(s): SPE 524, SPE 534, SPE 516, SPE 560, SPE 533, SPE 617, and a passing score on the appropriate PRAXIS II examination prior to beginning the practicum.
This practicum is for EdS candidates who have a master’s level teacher certification in an area other than Collaborative Teacher/Special Education. Time will be spent in both a mild to moderate classroom setting as well as a severe disabilities classroom at the K-6 level.

SPE 685 Adv Prac SPE Coll Teacher 6-12 (3)
Prerequisite(s): SPE 525, SPE 534, SPE 516, SPE 560, SPE 533, and SPE 618 and a passing score on the appropriate Praxis II examination prior to beginning the practicum.
This practicum is for EdS candidates who have a master’s level teacher certification in an area other than Collaborative Teacher/Special Education. Time will be spent in both mild to moderate classroom setting as well as a severe classroom at a 6-12 level.
DISCLAIMER

Disclaimer
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