

SECONDARY EDUCATION - GENERAL SCIENCE 6-12 (BACHELOR OF SCIENCE IN EDUCATION)

Successful completion of this program includes meeting all requirements and earning a passing score on the edTPA portfolio during the internship semester. Upon completion of this program and any state-required Praxis Subject Assessments, a student will be eligible to apply for the baccalaureate level Professional Certificate which provides teacher certification for General Science (6-12). Teacher Education Programs may be altered to meet changes in federal and Alabama State Department of Education regulations.

In addition to courses noted below, candidates for graduation must successfully complete all JSU Academic Regulations. More information about general education requirements can be found in the Summary of Degrees/Requirements (<https://catalog.jsu.edu/undergraduate/summary-degrees-requirements/>) section of the catalog.

Freshman		Hours
Fall		
EH Composition sequence		3
EH 141	Speech	3
BY 101 & BY 103	Introductory Biology I and Introductory Biology Lab I	4
MS 113	Precalculus Trigonometry	3
Social/Behavioral Science		3
SSC 101	First Year Experience	0
Hours		16
Spring		
EH Composition sequence		3
Fine Arts		3
BY 102 & BY 104	Introductory Biology II and Introductory Biology Lab II	4
Social/Behavioral Science		3
MS 204	Basic Statistics	3
Hours		16
Sophomore		
Fall		
Literature sequence		3
CY 105 & CY 107	General Chemistry I and General Chemistry Laboratory I	4
History Sequence		3
BY 260	Human Biology	4
BY 322	Genetics (WI)	4
Hours		18
Spring		
Literature sequence		3
CY 106 & CY 108	General Chemistry II and General Chemistry Laboratory II	4
History Sequence		3
BY 323	Microbiology	4
ESE 329	Adolescent Development and Behavior	3
Hours		17
Junior		
Fall		
BY 332	Ecology	4
GY 210	Earth and Space Science	3

PHS 201 & PHS 203	College Physics I and College Physics Laboratory Techniques I	4
ED 302	Introductory Foundations in Teacher Education (WI)	3
SPE 300	Survey of Exceptional Children and Youth	3
Hours		17
Spring		
BY 373	Cell Biology	4
PHS 202 & PHS 204	College Physics II and College Physics Laboratory Techniques II	4
ESE 304	Curriculum Planning and Learning Styles	3
ESE 306	Integrated Instructional Design	3
ESE 383	Content Literacy	3
Hours		17
Senior		
Fall		
BY 303	Biological Conservation	3
BY 440	Evolutionary Biology	4
ESE 423	Teaching General Science	3
ESE 444	Assessment	3
ESE 450	Classroom Management and Diversity in Secondary Education	3
ESE 485	Senior Practicum	3
Hours		19
Spring		
ED 495	Internship in Education	6
ED 496	Reflective Practices in Education (WI)	3
Hours		9
Total Hours		129