

# BIOLOGY (BACHELOR OF ARTS)

The requirements for a Bachelor of Arts degree with a major in Biology are:

Course	Title	Credits
Jax MIX General Education Curriculum		41

Course	Title	Credits
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## Freshman Biology Sequence

BY 101	Introductory Biology I	3
BY 102	Introductory Biology II	3
BY 103	Introductory Biology Lab I	1
BY 104	Introductory Biology Lab II	1

## Biology Core Courses

BY 322	Genetics (WI)	4
BY 324	Introduction to Evolutionary Biology	3
BY 332	Ecology	4
BY 373	Cell Biology	4

## Senior Seminar

BY 496	Senior Seminar (WI)	1
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## Biology Concentration Electives

Select fifteen hours of Biology 300/400 electives		15
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## Freshman Chemistry Sequence

CY 105	General Chemistry I	8
CY 106	General Chemistry II	
CY 107	General Chemistry Laboratory I	
CY 108	General Chemistry Laboratory II	

## Foreign Language Sequence

Select one of the following sequences:		6
FH 101 & FH 102	Beginner's French I and Beginner's French II	
SH 101 & SH 102	Beginner's Spanish I and Beginner's Spanish II	

## Mathematics

Select one of the following:		3
MS 113	Precalculus Trigonometry	
MS 125	Calculus I	
MS 204	Basic Statistics	

## Computer Science

CS 201	Introduction to Information Technology	3
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## Wellness

Select one of the following:		3
FCS 215	Introductory Nutrition	
HPE 109	Concepts of Wellness	
MSC 113	Survival	
MSC 115	First Aid	

<b>Total Hours</b>		<b>62</b>
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In addition to courses noted below, candidates for graduation must successfully complete all JSU Academic Regulations. **More information about Jax MIX requirements (<https://catalog.jsu.edu/undergraduate/>**

**jax-mix-requirements/)** and Alabama Transfers equivalents (<https://catalog.jsu.edu/undergraduate/alabama-transfers-equivalents/>) can be found in their respective section of the catalog.

Freshman		Hours
<b>Fall</b>		
Jax MIX Communication: EH Composition Sequence		3
BY 101 & BY 103	Introductory Biology I and Introductory Biology Lab I (Jax MIX Inquiry)	4
MS 112	Precalculus Algebra (or higher-Jax MIX Communication)	3
Jax MIX Experience: Social/Behavioral Science		3
SSC 101	First Year Experience	0
<b>Hours</b>		<b>13</b>

<b>Spring</b>		
Jax MIX Communication: EH Composition Sequence		3
BY 102 & BY 104	Introductory Biology II and Introductory Biology Lab II (Jax MIX Inquiry)	4
Select one of the following:		3
MS 113	Precalculus Trigonometry	
MS 125	Calculus I	
MS 204	Basic Statistics	
Wellness		3
Electives		3
<b>Hours</b>		<b>16</b>

## Sophomore

<b>Fall</b>		
Jax MIX Experience: History Sequence		3
Jax MIX Experience: Social/Behavioral Science		3
CY 105 & CY 107	General Chemistry I and General Chemistry Laboratory I	4
Biology Core		3
<b>Hours</b>		<b>13</b>

<b>Spring</b>		
Jax MIX Experience: History Sequence		3
CY 106 & CY 108	General Chemistry II and General Chemistry Laboratory II	4
CS 201	Introduction to Information Technology (or higher)	3
Biology Core		4
Electives		2
<b>Hours</b>		<b>16</b>

## Junior

<b>Fall</b>		
Jax MIX Expression: Literature		3
EH 141	Speech (Jax MIX Communication)	3
Foreign Language sequence <sup>1</sup>		3
Biology Core		4
Electives		3
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
Jax MIX Expression: Literature		3
Foreign Language sequence <sup>1</sup>		3
Biology Core		4
Biology Concentration Elective		4
<b>Hours</b>		<b>14</b>

## Senior

<b>Fall</b>		
Biology Concentration Elective		4
Jax MIX Expression: Fine Arts		3
Electives		9
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
BY 496	Senior Seminar (WI)	1

2 Biology (Bachelor of Arts)

Biology Concentration Electives	7
Electives	8
<b>Hours</b>	<b>16</b>
<b>Total Hours</b>	<b>120</b>

<sup>1</sup> Foreign Language sequence must be in the same language.