

# BIOLOGY, BACHELOR OF ARTS (BA) - PRE-MASTER OF EDUCATION (7-12)

## Recommended Four-Year Plan

Course	Title	Hours
<b>First Year</b>		
<b>Fall</b>		
ENGL 102	Critical Writing	3
BIOL 113	Biology I: Foundations of Ecology, Evolution and Diversity with Lab	4
CHEM 107	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
ESAP 101	FIRST Seminar *	1
SUBJ 139	Foundations of Academic Discovery <sup>1</sup>	3
<b>Hours</b>		<b>15</b>
<b>Spring</b>		
ENGL 104	Critical Reading	3
CHEM 108	General Chemistry II	3
CHEM 112	General Chemistry II Lab	1
BIOL 114	Biology II: Foundations of Molecules, Genes and Cells with Lab	4
Language 101		3
<b>Hours</b>		<b>14</b>
<b>Second Year</b>		
<b>Fall</b>		
Select one of the following:		3
COMM 200	Civil Discourse: Theory & Practice	
PHIL 110	Ethics and Civil Discourse	
POLS 235	Civil Discourse and Democracy	
BIOL 250	Genetics with Lab	4
CHEM 201	Organic Chemistry I	3
CHEM 211	Organic Chemistry Laboratory I	1
Language 102		3
Declare a Thematic Thread <sup>2</sup>		
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
Language 103		3
BIOL 325	Biostatistics and Experimental Design with Lab	3
Creative & Aesthetic Inquiry ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
MATH 125 or MATH 225	Precalculus or Calculus I	4
<b>Hours</b>		<b>13</b>
<b>Third Year</b>		
<b>Fall</b>		
Humanities Inquiry ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
Social Science Inquiry ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3

BIOL 370	Molecular Biology <sup>3</sup>	3
SPED 121	Overview of Special Education	3
PHYS 201 or PHYS 211	Elements of Physics I with Lab or General Physics I with Lab	4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
EGEO/Lab		3
BIOL 300+	Upper Level BIOL Elective	3
Free Elective		3
<b>Hours</b>		<b>15</b>
<b>Fourth Year</b>		
<b>Fall</b>		
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
BIOL 401	Ecology with Lab	3
BIOL 410	Animal Physiology with Lab <sup>3</sup>	3
Free Elective		3
Free Elective		2
2nd Math Course		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
SEFE 338	Standards-Based Instruction & Assessment in the Inclusionary Classroom	3
Thematic Thread Requirement ( <a href="https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/">https://catalog.sru.edu/undergraduate/rock-studies/rock-studies-program/</a> )		3
BIOL 300+	Upper Level BIOL Elective	3
Free Elective		3
Free Elective		3
BIOL 492	Biology Seminar	1
<b>Hours</b>		<b>16</b>
<b>Total Hours**</b>		<b>120</b>

<sup>1</sup> Course offered in multiple subjects; cannot take course in first major subject.

<sup>2</sup> Work with your Academic Adviser to declare a Thematic Thread by the end of your fall semester in your second year.

<sup>3</sup> Recommended BIOL 300+ Upper Level Elective

\* Students are encouraged to take ESAP 101 as a Free Elective.

\*\* This document is meant to serve as a guide. Some planners may show more than 120 credits because faculty have created flexibility in choosing courses. However, only 120 credits are required to obtain a degree. Please consult with your academic adviser and refer to your curriculum guide prior to registering for courses. This plan should be reviewed, and verified, by you and your academic adviser at least once each academic year.

Major Code: 6 08

Concentration Code: PX

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