



Department of Education  
**LIFE SCIENCE/AYA DOUBLE MAJOR**  
 Program Outline  
 For Students Under the 2022-2023 BW Catalog

Degree Earned: Bachelor of Science in Education: (BSEd)  
 License Earned: Life Science, 132030  
 OAE Exams: 003 Assessment of Professional Knowledge: Adolescence to Young Adult (7-12); 007 Biology  
 GPA Requirements for Graduation: 2.800 Cumulative, 2.800 in EDU Courses, 2.600 in Life Science Major

Name \_\_\_\_\_ ID# \_\_\_\_\_ Advisor \_\_\_\_\_

**Life Science Major requires candidate to double major with adolescent young adult education**

*Candidates may only pursue the Life Science Major while simultaneously pursuing the AYA major. Any candidate who drops the AYA major is immediately removed from the Life Science Major*

Course #	Course Title	Hours	Advising Notes: Unless otherwise noted, course is offered in Fall and Spring
<b>Required Courses in Biology:</b>			
BIO 121	Principles of Biology I	4	BIO Dept reserves seats for Freshmen. If section is closed, check with Chair.
BIO 122	Principles of Biology II	4	BIO Dept reserves seats for Freshmen. If section is closed, check with Chair.
BIO 203	Human Anatomy and Physiology I	4	Offered Fall, Spring, and Summer
BIO 204	Human Anatomy and Physiology II <i>Prerequisite: BIO 203</i>	4	Offered Fall, Spring, and Summer
BIO 211	Genetics <i>Prerequisites: "C-" or better in BIO 121 and BIO 122</i>	4	Offered Fall Only
BIO 221	General Zoology <i>Prerequisites: "C-" or better in BIO 121 and BIO 122</i>	3	Offered Spring Only
BIO 222	General Botany <i>Prerequisites: "C-" or better in BIO 121 and BIO 122</i>	3	Offered Fall Only
BIO 310	Evolution <i>Prerequisites: BIO 121 and BIO 122</i>	4	Offered Spring even years
BIO 313	Ecology <i>Prerequisites: BIO 121 and BIO 122</i>	4	Offered Fall Only
<b>Required Courses in Chemistry:</b>			
CHM 111	General Chemistry I	4	
CHM 112	General Chemistry II <i>Prerequisite: CHM 111; Corequisite: CHM 115</i>	4	
CHM 115	General Chemistry Lab <i>Prerequisite: CHM 111; Corequisite: CHM 112</i>	1	