

# B.A. IN EDUCATION, LIFE SCIENCE (9-12)

Code	Title	Credits
<b>Major in Education, Life Science (9-12) (B.A.)</b>		
BIO 124 & BIO 124D	Integrative Biology: Genes, Cells, Change and Integrative Biology: Genes, Cells, Change Lab	4
BIO 128 & BIO 128D	Integrative Biology: Metabolism, Energy, Biodiversity and Integrative Biology: Metabolism, Energy, Biodiversity Lab	4
BIO 214 & BIO 215	Human Anatomy and Human Anatomy Lab	4
BIO 216 & BIO 217	Human Physiology and Human Physiology Lab	4
BIO 218	Biology in a Changing World	3
BIO 330 & BIO 331	Ecology and Ecology Lab	4
BIO 332 & BIO 333	Genetics and Genetics Lab	4
Choose one of the following courses:		4
BIO 372 & BIO 373	Plant Taxonomy and Ecology and Plant Taxonomy and Ecology Lab	
BIO 380 & BIO 383	Environmental Plant Biology and Environmental Plant Biology Lab	
BIO 399	Introduction to Research	2
BIO 495	Biology Seminar	2
BIO 496	Biology Research	1
BIO 499	Symposium <sup>1</sup>	0
CHE 113 & CHE 113D	General Chemistry I and General Chemistry I Lab	4
CHE 214 & CHE 215	General Chemistry II and General Chemistry II Lab	4
EDU 200 & EDU 201	Introduction to Education and Introduction to Education Field Experience	4
EDU 203	School Health and Drugs	2
EDU 220	Introduction to Middle Level Education	3
EDU 276 & EDU 241	Educational Psychology and Educational Psychology Field Experience	5
EDU 317GZ	Educational Equity	4
EDU 320 & EDU 321	Pedagogy and the Young Adolescent Learner and Integrated Literacy in the Content Areas	3
EDU 429	Science Education Field Experience in Grades 5-8 or 5-12	1
EDU 492 & EDU 495	Student Teaching Grades K-12 and 5-12 and Student Teaching Seminar: K-12 and 5-12 Education Students <sup>3</sup>	14
EDUC 672	Science 5-12 Teaching Methods <sup>2</sup>	4
PHY 102 & PHY 102D	Physics of Everyday Life and Physics of Everyday Life-Lab	4
PSY 230M	Introduction to Statistical Methods and Experimental Design	4

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<b>Code</b>	<b>Title</b>	<b>Credits</b>
Major		92
General Education		36-44
<b>Total Credits</b>		<b>128-136</b>

<sup>1</sup> BIO 481 or BIO 497 is a prerequisite for this course.

<sup>2</sup> TEAC 524 and TEAC 526 are prerequisites for this course.

<sup>3</sup> EDU 408, EDU 412, EDU 418, or EDU 433 is a prerequisite for EDU 492.

Courses whose number if followed by a letter fulfill a General Education requirement.