

# Bachelor of Arts in Biology

2018-2019 Catalog



NAME \_\_\_\_\_

ADVISOR \_\_\_\_\_

**Students:** This planning sheet serves as your guide as you progress through your degree requirements at the University of Providence. It is your responsibility to keep clean, up-to-date planners. A copy of each planner must be submitted with your application for graduation.

<b><i>Required Courses</i></b>	<b><i>Cr.</i></b>	<b><i>Semester</i></b>	<b><i>Grade</i></b>	<b><i>Transfer/Comment</i></b>
BIO 151 General Biology I	4	_____	_____	_____
BIO 152 General Biology II	4	_____	_____	_____
BIO 200 Ecology	4	_____	_____	_____
BIO 221 Cell and Molecular Biology	4	_____	_____	_____
BIO 311 Genetics	4	_____	_____	_____
BIO 499 Senior Thesis	1	_____	_____	_____
CHM 111 General Chemistry I	4	_____	_____	_____
CHM 112 General Chemistry II	4	_____	_____	_____
CHM 261 Organic Chemistry I	4	_____	_____	_____
CHM 262 Organic Chemistry II	4	_____	_____	_____
MTH 241 Calculus I	4	_____	_____	_____
MTH 252 Statistical Methods for the Sciences	3	_____	_____	_____
<b>Completion of one of the Specialized Concentrations Required</b>	<b>16</b>	<b>(Health Professions, Wildlife Ecology or Physiology)</b>		
<b><i>Total Credits for Major</i></b>	<b><i>60</i></b>			
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<b><i>Health Professions</i></b>	<b><i>16</i></b>			
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CHM 401 Biochemistry	4	_____	_____	_____
<b>And 3 of the following courses</b>				
BIO 380 Microbiology	4	_____	_____	_____
BIO 400 Immunology	4	_____	_____	_____
BIO 405 Developmental Biology	4	_____	_____	_____
BIO 411 Cell Biology	4	_____	_____	_____
BIO 420 Virology	4	_____	_____	_____
BIO 392 Special Topics	4	_____	_____	_____
PHS 300 Classical & Modern Physics II #	4	_____	_____	_____

**A minimum of 40% or 15 credits of the major (whichever is greater) must be earned in residency at the University of Providence.**

**120 total Credits are required for all Bachelor Degree Programs**

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<b>Physiology</b>		<b>16</b>		
BIO 252 Anatomy & Physiology II #	4	_____	_____	_____
CHM 401 Biochemistry I	4	_____	_____	_____
<b>And 8 credits from the following courses</b>				
BIO 380 Microbiology	4	_____	_____	_____
BIO 392 Special Topics	4	_____	_____	_____
EXS 305 Exercise Physiology	3	_____	_____	_____
HPE 315 Kinesiology & Biomechanics	3	_____	_____	_____
PHS 300 Classical & Modern Physics I #	4	_____	_____	_____
<b>Wildlife Ecology</b>		<b>16</b>		
BIO 422 Conservation Ecology	4	_____	_____	_____
<b>And 3 of the following courses</b>				
BIO 302 Ornithology	4	_____	_____	_____
BIO 304 Mammalogy	4	_____	_____	_____
BIO 320 Aquatic Ecology	4	_____	_____	_____
BIO 350 Global Information Systems	4	_____	_____	_____
BIO 380 Microbiology	4	_____	_____	_____
BIO 392 Special Topics	4	_____	_____	_____

# NOTES COURSE HAS A PREREQUISITE THAT MAY NOT BE PART OF THE MAJOR OR CONCENTRATION

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