

# BIOLOGY (BA)

## Program Requirements

Code	Title	Hours
<b>Required Courses</b>		
BIOL-1121	General Biology I	5
BIOL-1122	General Biology II	4
BIOL-3305	Biological Statistics	4
BIOL-3310	Biology III- Mechanisms of Evolution	3
Five 4-credit-hour "BIOL" prefixed laboratory courses numbered above BIOL-3311 <sup>1</sup>		20
BIOL-COMP	Senior Comprehensive Exam	0
<b>Required Supporting Courses</b>		
Required supporting courses that should be taken before all biology courses numbered above 3311 are as follows:		
CHEM-1200	General Chemistry I Lecture	3
CHEM-1201	General Chemistry I Laboratory	1
CHEM-1210	General Chemistry II Lecture	3
CHEM-1211	General Chemistry II Lab	1
CHEM-2200	Organic Chemistry I Lecture	3
CHEM-2201	Organic Chemistry I Lab	1
CHEM-2210	Organic Chemistry II Lecture	3
CHEM-2211	Organic Chem II Lab	1
Select one of the following:		4
MATH-1300	Calculus I (recommended)	
MATH-1250	Pre-Calculus	
Select one of the following sequences:		4
Sequence One (recommended)		
PHYS-2000	College Physics I	
& PHYS-2001	and College Physics I Lab	
Sequence Two		
PHYS-2100	Classical Physics I	
& PHYS-2101	and Classical Physics I Lab	
Select one of the following sequences:		4
Sequence One (recommended)		
PHYS-2010	College Physics II	
& PHYS-2011	and College Physics Lab II	
Sequence Two		
PHYS-2110	Classical Physics II	
& PHYS-2111	and Classical Physics II Lab	
<b>Total Hours</b>		<b>64</b>

<sup>1</sup> With BIOL-3305 Biological Statistics and BIOL-3310 Biology III- Mechanisms of Evolution prerequisite to all other 3300- and 4400-level courses

### Recommendations:

Four to six semesters of research are recommended. A minor in chemistry is recommended.