

# BIOLOGY (B.S.) PRE-PHARMACY TRACK

## Curriculum Map

Course	Title	Hours
<b>Freshman</b>		
<b>Fall</b>		
BIO 111 & BIOL 111	GENERAL BIOLOGY and GENERAL BIOLOGY LAB	4
CHEM 141 & CHML 141	GENERAL CHEMISTRY I and GENERAL CHEMISTRY LAB	4
MATH 111 or MATH 103	COLLEGE ALGEBRA or College Algebra with Corequisite Support	3
ENG 104 or ENG 103 or ENG 111	COMPOSITION I or English Composition I with Co-requisite Support or COMPOSITION & LITERATURE FOR L	3
UNIV 100	UNIVERSITY SUCCESS	2
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIO 112 & BIOL 112	GENERAL BIOLOGY and GENERAL BIOLOGY LAB	4
CHEM 142 & CHML 142	GENERAL CHEMISTRY II and GENERAL CHEMISTRY II LAB	4
MATH 112	PLANE TRIGONOMETRY	3
ENG 105 or ENG 112	COMPOSITION II or COMPOSITION	3
Pathway Option		3
<b>Hours</b>		<b>17</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIO 200 & BIOL 200	Introduction to Cell Biology and INTRO TO CELL BIOLOGY LAB	4
CHEM 241 & CHML 241	ORGANIC CHEMISTRY I and ORGANIC CHEMISTRY I LAB	4
MATH 241	CALCULUS I WITH LABORATORY	3
SOC 214	INTRODUCTN TO SOCIOLOGY	3
Pathway Option		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
PSY 201	GENERAL PSYCHOLOGY	3
BIO 209 & BIOL 209	Principles of Genetics and Principles of Genetics Lab	4
CHEM 242 & CHML 242	ORGANIC CHEMISTRY II and ORGANIC CHEMISTRY II LAB	4
UNIV 200	CIVIC ENGAGEMENT	1
Pathway Option		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
BIO 234 & BIOL 234	HUMAN ANATOMY & PHYSIOLOGY I and HUMAN ANATOMY & PHYSIOLOGY LAB	4
BIO 313 & BIOL 313	INTRODUCTION TO MICROBIOLOGY and INTRODUCTION TO MICROBIOLOGY L	4
BIO 395 & BIOL 395 or CHEM 431	Principles of Biochemistry or BIOCHEMISTRY I	4
PHY 201 & PHYL 201	BASIC PHYSICS I and BASIC PHYSICS LAB I	4
<b>Hours</b>		<b>16</b>
<b>Spring</b>		
BIO 235 & BIOL 235	HUMAN ANATOMY & PHYSIOLOGY II and HUMAN ANATOMY & PHYSIOLOGY LAB	4

PHY 202 & PHYL 202	BASIC PHYSICS II and BASIC PHYSICS LAB II	4
ECO 211 or ECO 212	PRINCIPLES OF MACROECONOMICS or PRINCIPLES OF MICROECONOMICS	3
Statistics Elective		3
Humanities & Fine Arts Option		3
<b>Hours</b>		<b>17</b>
<b>Senior</b>		
<b>Fall</b>		
BIO 114	Introduction to Marine & Environmental Sciences	3
Humanities & Fine Arts Option		3
Social & Behavioral Science Option		3
Biology Electives		5
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
BIO 390	SEMINAR IN BIOLOGY	1
Social & Behavioral Science Option		3
Humanities & Fine Arts		3
Biology Electives (300-400 Level)		5
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>124</b>

### Notes:

- Candidates that transfer 12 or more hours of college credit are exempt from UNIV 100 UNIVERSITY SUCCESS; however, the student must take 2 hours of general electives to replace the UNIV course.
- Online Graduation Clearance (**to be completed during the graduating semester only**).