

# BIOLOGY (B.S.) PRE-MEDICINE/MCAT TRACK, PRE-DENTISTRY/DAT TRACK, PRE-OPTOMETRY/OAT 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
Pathway Option		3
MATH 112	PLANE TRIGONOMETRY	3
ENG 105 or ENG 112	COMPOSITION II or COMPOSITION	3
<b>Hours</b>		<b>17</b>
<b>Sophomore</b>		
<b>Fall</b>		
BIO 115 & BIOL 115	GENERAL ZOOLOGY and GENERAL ZOOLOGY LAB	4
CHEM 241 & CHML 241	ORGANIC CHEMISTRY I and ORGANIC CHEMISTRY I LAB	4
MATH 241	CALCULUS I WITH LABORATORY	3
Social & Behavioral Science Option		3
Pathway Option		3
<b>Hours</b>		<b>17</b>
<b>Spring</b>		
BIO 119 & BIOL 119	GENERAL BOTANY and GENERAL BOTANY LAB	4
CHEM 242 & CHML 242	ORGANIC CHEMISTRY II and ORGANIC CHEMISTRY II LAB	4
UNIV 200	CIVIC ENGAGEMENT	1
Humanities & Fine Arts Option		3
Pathway Option		3
<b>Hours</b>		<b>15</b>
<b>Junior</b>		
<b>Fall</b>		
PHY 201 & PHYL 201	BASIC PHYSICS I and BASIC PHYSICS LAB I	4
BIO 114	Introduction to Marine & Environmental Sciences	2
BIO 313 & BIOL 313	INTRODUCTION TO MICROBIOLOGY and INTRODUCTION TO MICROBIOLOGY L	4
CSC 115	DIGITAL COMPUTER PRINCIPLES	3
Humanities & Fine Arts Option		3
<b>Hours</b>		<b>16</b>

<b>Spring</b>		
BIO 318 & BIOL 318	INTRODUCTORY GENETICS and INTRODUCTORY GENETICS LAB	4
BIO 390	SEMINAR IN BIOLOGY (W)	1
PHY 202 & PHYL 202	BASIC PHYSICS II and BASIC PHYSICS LAB II	4
Social & Behavioral Sciences Option		3
Humanities & Fine Arts Option		3
<b>Hours</b>		<b>15</b>
<b>Senior</b>		
<b>Fall</b>		
BIO 470 & BIOL 470	HUMAN PHYSIOLOGY and HUMAN PHYSIOLOGY LAB (W)	4
PSY 201	GENERAL PSYCHOLOGY	3
Biology Elective		4
General Elective		3
<b>Hours</b>		<b>14</b>
<b>Spring</b>		
BIO 440 & BIOL 440	CELL BIOLOGY and CELL BIOLOGY LAB	4
Biology Elective		4
General Elective		3
Biology Elective		3
<b>Hours</b>		<b>14</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**).