



Biomedical Sciences (Pre-Optometry) Major – Bachelor of Science

<u>FIRST YEAR-SEMESTER #1</u>	<u>FIRST YEAR- SEMESTER #2</u>	<u>UNIVERSITY CORE</u>
BIO 111 Principles of Biology I 4 BIO 111A Prin. of Bio. I Lab 0 BIO 111R Prin. of Bio Recitation 0 CHE 111 Gen. Chemistry I 3 CHE 111A Gen. Chem. I Lab 1 CHE 111R Gen. Chem I Recitation 0 CORE 115 Common Ground 3 COM 100/ENG 101 3	BIO 112 Principles of Biology II 4 BIO 112A Prin. of Bio II Lab 0 CHE 112 Gen. Chemistry II 3 CHE 112A Gen. Chem. II Lab 1 CHE 112R Gen. Chem II Rec 0 COM 100/ ENG 101 3 SOC 103 Our Social World 3 Core requirement 3	<div style="text-align: center; background-color: #e1eef6; padding: 2px;">COMMON GOOD</div> CORE 115 Common Ground Code COR Justice & the Common Good Code JCG Ethics Code CE Experiential Learning Code EXP Core Capstone Code CCP <div style="text-align: center; background-color: #e1eef6; padding: 2px;">HUMANITIES</div> Speech (COM 100) Code C Writing (ENG 101) Code C Literature (ENG) Code CL Art or Music Code CAM History Code CH Religious Studies Code CR Philosophy Code CP <div style="text-align: center; background-color: #e1eef6; padding: 2px;">SCIENCES</div> Biology/Chemistry/Physics + Lab Code CN Mathematics Code CMA SOC 103 Our Social World Code CS <div style="text-align: center; padding: 5px;">Choose one discipline:</div> ECO 212 Microeconomics Code CEP PSY 103 Psychology Code CEP
<u>SECOND YEAR-SEMESTER #1</u>	<u>SECOND YEAR-SEMESTER #2</u>	
CHE 211 Organic Chemistry I 3 CHE 211A Organic Chem I Lab 1 BIO 197 Human A&P I 4 BIO 197A Human A&P I Lab 0 BIO 204 Biology Seminar 2 MTH 174 Statistics 3 Core requirement 3	CHE 212 Organic Chemistry II 3 CHE 212A Organic Chem II Lab 1 BIO 198 Human A&P II 4 BIO 198A Human A&P II Lab 0 MTH 187 Precalculus & Trig. 4 Core requirement 3 CED 220 Found. of Professional 1	
<u>THIRD YEAR-SEMESTER #1</u>	<u>THIRD YEAR-SEMESTER #2</u>	
CHE 325 Biochemistry I 3 CHE 325A Biochemistry I Lab 1 MTH 193 Calculus I 4 Core requirement 3 Core requirement 3	BIO elective 4 BIO elective 4 BIO elective 4 Core requirement 3	
<u>FOURTH YEAR-SEMESTER #1</u>	<u>FOURTH YEAR-SEMESTER #2</u>	
PHY 201 Physics I 3 PHY 201A Physics I Lab 1 BIO 305 Microbiology 4 Core requirement 3 Core requirement 3	PHY 202 Physics II 3 PHY 202A Physics II Lab 1 BIO elective 4 Core Capstone 3 Core requirement 3	
<p><i>Examples of BIO electives:</i></p> <ul style="list-style-type: none"> Aquatic Biology Ecology Animal Behavior Plagues and Parasites Cell Biology Genetics Evolution Entomology Biotechnology 		<div style="text-align: center; background-color: #e1eef6; padding: 2px;">NOTES</div> <p>Prerequisites: Chemistry- College preparatory high school chemistry or the successful completion of a placement test. Math- Three years of college preparatory high school mathematics including functions.</p> <p>120 credit hours minimum needed to graduate</p> <p>**Curriculum Guide does not replace advisement by a faculty member within the Biology program**</p>