



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

<p>FIRST YEAR-SEMESTER #1</p> <p>BIO 111 Principles of Biology I 4 BIO 111A Prin. of Bio. I Lab 0 BIO 11R 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 FYE First-Year Experience 1</p> <p>SECOND YEAR-SEMESTER #1</p> <p>CHE 211 Organic Chemistry I 3 CHE 211A Organic Chem I Lab 1 MTH 187 Precalculus & Trig 4 BIO elective 4 Core requirement 3</p> <p>THIRD YEAR-SEMESTER #1</p> <p>CHE 325 Biochemistry I 3 CHE 325A Biochemistry I Lab 1 PHY 201 Physics I 3 PHY 201A Physics I Lab 1 BIO elective 4 Core requirement 3 Core requirement 3</p> <p>FOURTH YEAR-SEMESTER #1</p> <p>BIO elective 4 Core requirement 3 Core requirement 3 Core requirement 3</p> <p><i>Examples of BIO electives:</i> Anatomy and Physiology Aquatic Biology Ecology Animal Behavior Microbiology Plagues and Parasites Cell Biology Genetics Evolution Entomology Biotechnology</p>	<p>FIRST YEAR- SEMESTER #2</p> <p>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 BNS 100 Introductory Seminar 1</p> <p>SECOND YEAR-SEMESTER #2</p> <p>CHE 212 Organic Chemistry II 3 CHE 212A Organic Chem II Lab 1 BIO elective 4 Core requirement 3 MTH 174 Statistics 3 CED 220 Found. of Professional 1 BNS 200 Intermediate Seminar 1</p> <p>THIRD YEAR-SEMESTER #2</p> <p>CHE 326 Biochemistry II 3 CHE 326A Biochemistry II Lab 1 PHY 202 Physics II 3 PHY 202A Physics II Lab 1 BIO elective 4 Core requirement 3</p> <p>FOURTH YEAR-SEMESTER #2</p> <p>BNS 300 Advanced Seminar 1 Core Capstone 3 BIO elective 4 Core requirement 3 Elective 3</p>	<p>UNIVERSITY CORE</p> <p>COMMON GOOD</p> <p>CORE 115 Common Ground Code COR Justice & the Common Good Code JCG Ethics Code CE Experiential Learning Code EXP Core Capstone Code CCP</p> <p>HUMANITIES</p> <p>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</p> <p>SCIENCES</p> <p>Biology/Chemistry/Physics + Lab Code CN Mathematics Code CMA SOC 103 Our Social World Code CS</p> <p>Choose one discipline:</p> <p>ECO 212 Microeconomics Code CEP PSY 103 Psychology Code CEP</p> <p>NOTES</p> <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>
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