



## Biomedical Sciences - Pre-Dental Major – Bachelor of Science

FIRST YEAR-SEMESTER #1	FIRST YEAR- SEMESTER #2	UNIVERSITY CORE
BIO 111 Principles of Biology I 4	BIO 112 Principles of Biology II 4	COMMON GOOD
BIO 111A Prin. of Bio. I Lab 0	BIO 112A Prin. of Bio II Lab 0	CORE 115 Common Ground Code COR
BIO 111R Prin. of Bio Recitation 0	CHE 112 Gen. Chemistry II 3	Justice & the Common Good Code JCG
CHE 111 Gen. Chemistry I 3	CHE 112A Gen. Chem. II Lab 1	Ethics Code CE
CHE 111A Gen. Chem. I Lab 1	CHE 112R Gen. Chem II Rec 0	Experiential Learning Code EXP
CHE 111R Gen. Chem Recitation 0	COM 100/ ENG 101 3	Core Capstone Code CCP
CORE 115 Common Ground 3	SOC 103 Our Social World 3	HUMANITIES
COM 100/ENG 101 3	BNS 100 Introductory Seminar 1	Speech (COM 100) Code C
FYE First-Year Experience 1		Writing (ENG 101) Code C
SECOND YEAR-SEMESTER #1	SECOND YEAR-SEMESTER #2	Literature (ENG) Code CL
CHE 211 Organic Chemistry I 3	CHE 212 Organic Chemistry II 3	Art or Music Code CAM
CHE 211A Organic Chem I Lab 1	CHE 212A Organic Chem II Lab 1	History Code CH
BIO 197 Human A&P I 4	BIO 198 Human A&P II 4	Religious Studies Code CR
BIO 197A Human A&P I Lab 0	BIO 198A Human A&P II Lab 0	Philosophy Code CP
Core requirement 3	BNS 200 Intermediate Seminar 1	SCIENCES
Core requirement 3	Core requirement 3	Biology/Chemistry/Physics + Lab Code CN
	BIO elective 4	Mathematics Code CMA
	CED 220 Found. of Professional 1	SOC 103 Our Social World Code CS
THIRD YEAR-SEMESTER #1	THIRD YEAR-SEMESTER #2	Choose one discipline:
CHE 325 Biochemistry I 3	BIO elective 4	ECO 212 Microeconomics Code CEP
CHE 325A Biochemistry I Lab 1	BIO elective 4	PSY 103 Psychology Code CEP
BIO 305 Microbiology 4	BIO elective 4	
MTH 187 Precalculus & Trig. 4	Core requirement 3	NOTES
Core requirement 3		Prerequisites:
FOURTH YEAR-SEMESTER #1	FOURTH YEAR-SEMESTER #2	Chemistry- College preparatory high school chemistry or the successful completion of a placement test
PHY 201 Physics I 3	PHY 202 Physics II 3	Math- Three years of college preparatory high school mathematics including functions
PHY 201A Physics I Lab 1	PHY 202A Physics II Lab 1	120 credit hours minimum needed to graduate
Core requirement 3	BNS 300 Advanced Seminar 1	
Core requirement 3	Core Capstone 3	**Curriculum Guide does not replace advisement by a faculty member within the Biology program**
Core requirement 3	Core requirement 3	
Elective 3	Elective 3	

- Examples of BIO electives:*
- Aquatic Biology
  - Ecology
  - Animal Behavior
  - Plagues and Parasites
  - Cell Biology
  - Genetics
  - Evolution
  - Entomology
  - Biotechnology