

# BACHELOR OF SCIENCE DEGREE BIOLOGY / PRE-MED SCIENCE CONCENTRATION

2023-2024 Catalog

Total Degree Requirements 120 hours

NAME \_\_\_\_\_ UA/GA \_\_\_\_\_ GRAD DATE \_\_\_\_\_  
 DSU ID# \_\_\_\_\_ ADVISOR \_\_\_\_\_ BAN \_\_\_\_\_ GPA \_\_\_\_\_  
 Evaluated by \_\_\_\_\_ Date \_\_\_\_\_ DBASE \_\_\_\_\_ HON \_\_\_\_\_

GENERAL EDUCATION REQUIREMENTS 40-41				
COURSE	SUB/TR	SEM	HRS	GR
ENG 101 Eng Comp			3	
ENG 102/200 Eng Comp			3	
ENG LIT- ENG 201, 203, 205 or 206			3	
HIS 101, 102, 103, 104, 201, or 202			3	
*FINE ARTS			3	
PHI 201, ENG LIT, HIS 100/200 OR				
FINE ART not already taken			3	
MAT 103 Quant Reas, MAT 104 Col Alg,				
MAT 106 Precal, <u>OR</u> MAT 115 Stats			3	
CHE 101/103 Gen Chemistry & Lab			4	
CHE 102/104 Gen Chemistry II & Lab			4	
**Perspectives on Society			3	
**Perspectives on Society			3	
***Personal Development			2-3	
COM 101 or 202			3	

\*Select one introduction/appreciation/history of art, music or creative writing

\*\*Select one: ECO 210, 211; GEO 201, 303; PSC 103, 201  
PSY 101; SOC 101

\*\*\*Select one: SHS 360; CEL 300; CIS 205; FCS 215, 270, 325, 343  
LIB 101, SWO 101, 300; For Lang 101 **OR** Select two of the following: PER 101, PER 100 level activity

COURSE	SUB/TR	SEM	HRS	GR
*University Requirement FYS 100/300			1	

\*FYS 103 for honor students can meet this requirement.

*SPECIAL DEGREE REQUIREMENTS 6				
<b>Select one of the following combinations:</b>				
MAT 105 Plane Trig			3	
MAT 251 Calculus I			3	
<b>OR</b>				
MAT 105 Plane Trig			3	
MAT 300 App Prob & St Meth			3	
<b>OR</b>				
MAT 251 Calculus I			3	
MAT 252 Calculus II			3	
<b>OR</b>				
MAT 251 Calculus I			3	
MAT 300 App Prob & St Meth			3	

\*Course taken to fulfill general education cannot count in this section. Waiver for general education may be submitted if student starts with higher level mathematics course; however student must still meet overall hours requirement.

BIOLOGY CORE 20				
COURSE	SUB/TR	SEM	HRS	GR
BIO 100 Prin of Biology			4	
BIO 101 Prin Bio II			4	
BIO 300 Cell Biology			4	
BIO 301 Ecology			4	
BIO 328 Genetics			4	

PRE MED SCIENCE CONCENTRATION 45-53				
<b>BIOLOGY ELECTIVES (12-16)</b>				
<b>All BIO courses 200 level &amp; &gt; are eligible except those specifically described as "not for biology major credit"</b>				
BIO Elective			3-4	
BIO Elective			3-4	
BIO Elective			3-4	
BIO Elective			3-4	

Select approved courses at the 400-level with the exception of BIO 470 (12-16 hrs)				
BIO			3-4	
BIO			3-4	
BIO			3-4	
BIO			3-4	
BIO 490 Capstone			1	

CHEMISTRY MINOR 20				
CHE 321 Organic Chemistry			3	
CHE 319 Org Chem Lab			1	
CHE 322 Organic Chemistry			3	
CHE 320 Org Chem Lab			1	
CHE 440 Biochemistry			4	
<b>Select one set of the following:</b>			<b>8</b>	
*PHY 221 Physics for Life Sci				
*PHY 233 Physics for Life Sci Lab				
*PHY 222 Physics for Life Sci				
*PHY 234 Physics for Life Sci Lab				
<b>OR</b> **PHY 231 General Physics I				
**PHY 235 General Physics Lab				
**PHY 232 General Physics II				
**PHY 236 General Physics II Lab				

\*MAT 105 prerequisite.

\*\*MAT251 prerequisite.

GENERAL ELECTIVES 0-8			
COURSE	GR/HR	COURSE	GR/HR