

# BACHELOR OF SCIENCE DEGREE

## CHEMISTRY

### PRE-MEDICAL SCIENCE

2023-2024 Catalog

Total Degree Requirements 121 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 102/200/201 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 or any ENG LIT, HIS, or				
**FINE ART not already taken above			3	
***MAT 104, 105, or 251			3	
CHE 101/103 Gen Chem & Lab			4	
CHE 102/104 Gen Chem II & Lab			4	
PSY 101 General Psychology			3	
SOC 101 Intro to Sociology			3	
****Personal Development			2-3	
COM 202 Interpersonal Comm			3	

\*Transfer credit for most lit courses will count for this requirement

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

\*\*Fine Arts: ART 101, 212, 401, 402, 405; MUS 105, 114, 115, 116; or ENG 202

\*\*\*Math gen ed requirement can be waived if a student has an ACT Math subscore of 24 and has been placed in MAT 251. Student must take additional 3 hrs to meet overall hours requirement.

\*\*\*\*Min 2 hrs: SHS 360; CEL 300; CIS 205; FCS 215, 270, 325, 343;

SWO 101, 300; For Lang 101; LIB 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 14-17				
*MAT 105 Plane Trig			0-3	
*If MAT 105 used to satisfy MAT requirement in Gen Edu, it may be reused here. Only counts in gpa calculation once.				
Select two of the following (6 hrs):				
MAT 300, MAT 251, or MAT 252				
MAT			3	
MAT			3	
**PHY 221/233 Physics for Life Sci I/Lab &			4	
**PHY 222/234 Physics for Life Sci II/Lab			4	
<b>OR</b>				
***PHY 231/235 Gen Physics I/Lab &			4	
***PHY 232/236 Gen Physics II/Lab			4	

CHEMISTRY CORE 14				
COURSE	SUB/TR	SEM	HRS	GR
CHE 108 Intro Chem Seminar			1	
CHE 311 Quantitative Anal			5	
CHE 319 Organic Chem Lab			1	
CHE 321 Organic Chemistry			3	
CHE 320 Organic Chem Lab			1	
CHE 322 Organic Chemistry			3	
<b>Premedical Science w/Biology minor 36-41</b>				
CHE 351 Phys Che for Life Sci			4	
CHE 440 Biochemistry			4	
CHE 464 Science Seminar			1	
BIO 100 Prin of Biology			4	
BIO 101 Prin of Bio II			4	
BIO 300 Cell Biology			4	
<b>Select two from the following: (6-8)</b>				
CHE 371 Physical Chem I			4	
CHE 372 Physical Chem II			4	
CHE 432 Intro Polymer Science			3	
CHE 441 Biochemistry II			3	
CHE 442 Chemical Biology			4	
CHE 443 Biochemistry III			3	
CHE 446 Prin Pharmacology			3	
*CHE 481 Independent Research in Che			2-3	
*At least 2 hours of CHE 481 required				
<b>Select three from the following: (9-12)</b>				
BIO 217, 328, 329, 330, 331, 412, 417, 423, 424, 425, 426, 427,				
BIO 428, 440, 447, 465; PHY 431, 432				
BIO/PHY			3-4	
BIO/PHY			3-4	
BIO/PHY			3-4	

GENERAL ELECTIVES 7-16			
COURSE	GR/HR	COURSE	GR/HR

\*\*\*MAT 105 is prerequisite

\*\*\*MAT 251 is prerequisite