

BACHELOR OF SCIENCE DEGREE
CHEMISTRY
CHEMISTRY/GENERAL SCIENCE EDUCATION CONCENTRATION

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 41				
COURSE	SUB/TR	SEM	HRS	GR
ENG 101 Eng Comp			3	
ENG 102/200 Eng Comp			3	
ENG LIT- ENG 205			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	
**Perspectives on Society			3	
**Perspectives on Society			3	
CIS 205 Micro Apps I			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
SOC 101, PSY 101

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

SPECIAL DEGREE REQUIREMENTS 11-14				
*MAT 105 Plane Trig			0-3	
*MAT 251 Calculus I <u>or</u>				
MAT 300 Statistics			0-3	
PHY 231/235 Gen Physics I/Lab &				
PHY 232/236 Gen Physics II/Lab			8	
OR				
**PHY 221/233 Physics for Life Sci I/Lab &				
**PHY 222/234 Physics for Life Sci II/Lab			8	

*If MAT 105 or MAT 251 are used to satisfy the Gen Ed requirement they may also be used here. Counts in GPA calculation once.

**MAT 105 prerequisite

PROFESSIONAL EDUCATION 27				
COURSE	SUB/TR	SEM	HRS	GR
CUR 300 Surv of Ed/Fld Exp			3	
CUR 393 Classroom Management			3	
CUR 400 Assmt, Data Anal, and Eval			3	
CUR 493 Tchng the Sciences			3	
CUR 498 Directed Teaching			9	
CSP 340 Surv of Except Chld			3	
EPY 341 Educational Psy			3	

CHEMISTRY CORE 14				
CHE 108 Intro Chem Seminar			1	
CHE 311 Quantitative Analysis			5	
CHE 319 Organic Chem Lab			1	
CHE 321 Organic Chemistry			3	
CHE 320 Organic Chem Lab			1	
CHE 322 Organic Chemistry			3	

CHEMISTRY/GENERAL SCIENCE EDUCATION 22				
CHE 351 Physical Chem for Life Sciences			4	
CHE 435 Methods & Materials			3	
CHE 325/326 Survey Biochemistry OR				
CHE 440 Biochem			4	
PHY 105 Astronomy			3	
BIO 100 General Biology I			4	
BIO 101 General Biology II			4	

*CHE 434 Environmental Chem			*4	
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*CHE 434 recommended, but not required

GENERAL ELECTIVES 0-6			
COURSE	GR/HR	COURSE	GR/HR