

B.S./B.A. CHEMISTRY DEGREE REQUIREMENTS (2020-2021)
Emphasis in Biochemistry

Student Name: _____

Mentor: _____

GENERAL EDUCATION CORE REQUIREMENTS

Course	Credit Hrs.	Term Taken	Grade
First Year Experience FYE 101	1	_____	_____
English ENG 101/101E	3	_____	_____
ENG 102/103.....	3	_____	_____
Literature (3 hours selected from ENG 201, 202, 203, 204, 205, or 206)			
ENG _____	3	_____	_____
Speech ENG/COMM 221	3	_____	_____
Humanities, Writing, or Speech (May be satisfied by completing 6 sequential hours of literature, or an upper level literature, writing, speech, history, or religion / philosophy course)			
_____	3	_____	_____
Computer Literacy			
MIS <u>110, 220, or 240</u>	3	_____	_____
Religion/Philosophy			
REL <u>101 or 102</u>	3	_____	_____
REL 241	3	_____	_____
History (6 sequential hours 111-112 or 201-202)			
HIS <u>111 or 201</u>	3	_____	_____
HIS <u>112 or 202</u>	3	_____	_____
Math MAT 142	5	_____	_____
Natural Science			
PHY 241	4	_____	_____
PHY 242	4	_____	_____
Fine Arts (3 hours selected from ART 121, ART 131, ART 143, ART 211, ART 251, MUS 231, MUS 233, MUS 235, MUS 236, or ENG/DRA 131)			
_____	3	_____	_____
Physical Education (any activity course)			
HPPE _____	1	_____	_____
Social Sciences (3 hours selected from PSY 113, SOC 211, BUS 201 BUS 202, or HIS 221)			
_____	3	_____	_____
<u>Satisfies B.S. Degree Requirement</u> – Required Math Course			
MAT 241	4	_____	_____
<u>For B.A. Degree ONLY</u> – Additional Intermediate Foreign Language			
FLG 2 _____	3	_____	_____
FLG 2 _____	3	_____	_____

B.S./B.A. CHEMISTRY DEGREE REQUIREMENTS (2020-2021)
Emphasis in Biochemistry

Required Chemistry Courses	34		
CHE 111 General Chemistry I	4	_____	_____
CHE 112 General Chemistry II	4	_____	_____
CHE 211 Organic Chemistry I	4	_____	_____
CHE 212 Organic Chemistry II.....	4	_____	_____
CHE 311 Analytical Chemistry	4	_____	_____
CHE 411 Biochemistry I	3	_____	_____
CHE 412 Biochemistry II.....	3	_____	_____
CHE 413 Biochemistry Methods.....	3	_____	_____
CHE 421 Physical Chemistry I.....	4	_____	_____
CHE 480 Seminar.....	1	_____	_____
Required Chemistry Capstone (choose one)	1-3		
CHE 490 Senior Research Capstone	3	_____	_____
CHE 491 Senior Prospectus Capstone	1	_____	_____
Chemistry Electives (Choose from the following)	3-4		
CHE 312 Instrumental Analysis.....	4	_____	_____
CHE 322 Environmental Chemistry.....	4	_____	_____
CHE 395 Special Topics	3	_____	_____
CHE 422 Physical Chemistry II	4	_____	_____
CHE 495 Independent Study	1-3	_____	_____
CHE 498 Chemistry Internship	1-3	_____	_____
Required Biology Courses	20		
BIO 111/115 General Biology I.....	4	_____	_____
BIO 112/116 General Biology II.....	4	_____	_____
BIO 261 Microbiology	4	_____	_____
BIO 301 Genetics	4	_____	_____
BIO 331 Cell Biology.....	4	_____	_____
Electives**	0-8**		
Upper Level** _____		_____	_____
Upper Level** _____		_____	_____
Upper Level** _____		_____	_____
Upper Level** _____		_____	_____
_____		_____	_____
Total Hours Required for the Degree	121**		

* Minimum 2.0 GPA required for graduation

** A minimum of 45 hours must be earned in courses numbered 300 or above