

**B.S./B.A. CHEMISTRY DEGREE REQUIREMENTS (2020-2021)**  
**Emphasis in General Chemistry**

Student Name: \_\_\_\_\_

Mentor: \_\_\_\_\_

**GENERAL EDUCATION CORE REQUIREMENTS**

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

**B.S./B.A. CHEMISTRY DEGREE REQUIREMENTS (2020-2021)**  
**Emphasis in General Chemistry**

<b>Required Chemistry Courses</b> .....	<b><u>32</u></b>		
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 312 Instrumental Methods .....	4	_____	_____
CHE 411 Biochemistry I.....	3	_____	_____
CHE 421 Physical Chemistry I.....	4	_____	_____
CHE 480 Seminar.....	1	_____	_____
<b>Required Chemistry Capstone (choose one)</b> .....	<b><u>1-3</u></b>		
CHE 490 Senior Research Capstone .....	3	_____	_____
CHE 491 Senior Prospectus Capstone .....	1	_____	_____
<b>Chemistry Electives (Choose from the following)</b> .....	<b><u>6</u></b>		
CHE 322 Environmental Chemistry.....	4	_____	_____
CHE 395 Special Topics .....	3	_____	_____
CHE 412 Biochemistry II.....	3	_____	_____
CHE 413 Biochemistry Methods.....	3	_____	_____
CHE 422 Physical Chemistry .....	4	_____	_____
CHE 495 Independent Study .....	1-3	_____	_____
CHE 498 Chemistry Internship .....	1-3	_____	_____
<b>Electives**</b> .....	<b><u>17-26**</u></b>		
_____ .....	_____	_____	_____
_____ .....	_____	_____	_____
_____ .....	_____	_____	_____
_____ .....	_____	_____	_____
_____ .....	_____	_____	_____
_____ .....	_____	_____	_____
_____ .....	_____	_____	_____
_____ .....	_____	_____	_____
_____ .....	_____	_____	_____
_____ .....	_____	_____	_____
_____ .....	_____	_____	_____
<b>Total Hours Required for the Degree</b> .....	<b><u>121**</u></b>		

\* Minimum 2.0 GPA required for graduation

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