

**Bachelor of Science – Chemistry – 2020-2021**

GENERAL EDUCATION	40	COMP	GRD	MAJOR PROGRAM COURSES	45	COMP	GRD
				CHM 110 General Chemistry	4		
<b>Level 1</b>				CHM 111 General Chemistry Lab	1		
ENG 101 Composition or ENG 102 Advanced Composition (completed in 1 <sup>st</sup> two semesters)	3						
<i>Completed or initiated in first three semesters</i>				CHM 112 General Chemistry II	4		
FYS First Year Seminar (any number) (1 <sup>st</sup> semester)	1			CHM 113 General Chem II Lab	1		
Communications (COM 101, 212, or 225)	3			CHM 220 Analytical Chemistry	4		
Quantitative Reasoning (MTH 114 or above, PHL 105, BIS 140)	3			CHM 221 Analytical Chem Lab	1		
<b>Level II</b>				CHM 230 Organic Chemistry I	4		
English (any except for 262, 320, and 495)	3			CHM 231 Organic Chemistry I Lab	1		
Global & Cultural Diversity	3			CHM 232 Organic Chemistry II	4		
Fine Arts (any Art, Dance, Music or Theatre)	3			CHM 233 Organic Chem II Lab	1		
Science (any Biology, Chemistry or Phy Sci) must include Lab	0			CHM 340 Biochemistry	4		
Math (MTH 242 or 162, or > MTH 114) or Natural Science	0			CHM 341 Biochemistry Lab	1		
History (any history class)	3			CHM 361 Instrumental Analysis	3		
Social Science (ECO 150 or any Sociology or Psychology)	3			CHM 362 Instrum.I Analysis Lab	1		
Theology (any class)	6			CHM 450 Physical Chemistry	4		
PHL 200 Moral Reasoning	3			CHM 451 Physical Chemistry Lab	1		
Philosophy (any Philosophy crs)	3			CHM 473 Research Chemistry	4		
General Education Elective (any Liberal Arts Course)	3			CHM 495 Coordinating Seminar	2		
<b>ELECTIVES</b>	1-3			<b>SUPPORTING COURSES</b>	22-24		
<b>SUMMARY</b>				MTH 201 Calculus I	4		
GENERAL EDUCATION	40			MTH 202 Calculus II	4		
MAJOR	45			MTH 242 Statistics or MTH 312 Biostatistics	3		
MINOR	18			MTH/SCI 300 or 400 level	3		
SUPPORTING COURSES	22-24			PHY 202 College Physics I or PHY 212 College Physics I	4		
ELECTIVES	1-3			PHY 203 Physics I Lab	1		
<b>TOTAL</b>	128			PHY 204 College Physics II or PHY 214 College Physics II	3 4		
				PHY 205 Physics II Lab	1		
				<b>MINOR</b>	18		
				Choose any minor in catalog			
				<b>SECOND MAJOR (optional)</b>			
				Minimum of 30 credits beyond first major —must complete all major courses and supporting courses specified for second major	.		

Acceptable courses for Global & Cultural Diversity will have (GCD) after the title. Some courses may be counted in more than one category. Courses cannot be cross counted within general education. The student must still complete the specific total hours for graduation by taking additional electives. **Developmental courses cannot be counted toward graduation requirements.** Student may be required to complete prerequisite courses.