

Bachelor of Science – Chemistry – 2019-2020

GENERAL EDUCATION	40	COMP	GRD	MAJOR PROGRAM COURSES	45	COMP	GRD
				CHM 110 General Chemistry	4		
Level I				CHM 111 General Chemistry Lab	1		
ENG 101 Composition or ENG 102 Advanced Composition (completed in 1 st two semesters)	3						
<i>Completed or initiated in first three semesters</i>				CHM 112 General Chemistry II	4		
				CHM 113 General Chem II Lab	1		
FYS First Year Seminar (any number) (1 st semester)	1			CHM 220 Analytical Chemistry	4		
Communications (COM 101, 200, 202, 212, or 225)	3			CHM 221 Analytical Chem Lab	1		
Quantitative Reasoning (MTH 114 or above, PHL 105, BIS 140)	3			CHM 230 Organic Chemistry I	4		
Level II				CHM 231 Organic Chemistry I Lab	1		
English (any except for 262, 320, 322, and 495)	3			CHM 232 Organic Chemistry II	4		
Global & Cultural Diversity	3			CHM 233 Organic Chem II Lab	1		
Fine Arts (any Art, Dance, Music or Theatre)	3			CHM 340 Biochemistry	4		
Science (any Biology, Chemistry or Phy Sci) must include Lab	0			CHM 341 Biochemistry Lab	1		
Math (MTH 242 or 162, or > MTH 114) or Natural Science	0			CHM 361 Instrumental Analysis	3		
History (any history class)	3			CHM 362 Instrum.I Analysis Lab	1		
Social Science (ECO 150 or any Sociology or Psychology)	3			CHM 450 Physical Chemistry	4		
Theology (any class)	6			CHM 451 Physical Chemistry Lab	1		
PHL 200 Moral Reasoning	3			CHM 473 Research Chemistry	4		
Philosophy (any Philosophy crs)	3			CHM 495 Coordinating Seminar	2		
General Education Elective (any Liberal Arts Course)	3			SUPPORTING COURSES	22-24		
ELECTIVES	1-3			MTH 201 Calculus I	4		
SUMMARY				MTH 202 Calculus II	4		
GENERAL EDUCATION	40			MTH 242 Statistics or MTH 312 Biostatistics	3		
MAJOR	45			MTH/SCI 300 or 400 level	3		
MINOR	18			PHY 202 College Physics I or PHY 212 College Physics I	3 4		
SUPPORTING COURSES	22-24			PHY 203 Physics I Lab	1		
ELECTIVES	1-3			PHY 204 College Physics II or PHY 214 College Physics II	3 4		
TOTAL	128			PHY 205 Physics II Lab	1		
				MINOR	18		
				Choose any minor in catalog			
				SECOND MAJOR (optional)			
				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.