



Chemistry Major – Bachelor of Science (2022-23 start)

FIRST YEAR-SEMESTER #1	FIRST YEAR- SEMESTER #2	UNIVERSITY CORE
BIO 111 Principles of Biology I 4	CHE 112 General Chemistry II 3	COMMON GOOD
BIO 111A Prin. of Biology I Lab 0	CHE 112A Gen. Chem II Lab 1	CORE 115 Common Ground Code COR
CHE 111 General Chemistry I 3	MTH 194 Calculus II 4	Justice & the Common Good Code JCG
CHE 111A Gen. Chem. I Lab 1	COM 100/ ENG 101 3	Ethics Code CE
MTH 193 Calculus I 4	SOC 103 3	Experiential Learning Code EXP
CORE 115 3	Core requirement 3	Core Capstone Code CCP
SECOND YEAR-SEMESTER #1	SECOND YEAR-SEMESTER #2	HUMANITIES
CHE 211 Organic Chemistry I 3	CHE 212 Organic Chemistry II 3	Speech (COM 100) Code C
CHE 211A Org. Chem I Lab 1	CHE 212A Org. Chem II Lab 1	Writing (ENG 101) Code C
PHY 201 General Physics I 3	CHE 200 Chem. Soph. Seminar 1	Literature (ENG) Code CL
PHY 201A Gen. Physics I Lab 1	PHY 202 General Physics II 3	Art or Music Code CAM
CED 220 Foundations of Professionalism 1	PHY 202A Gen. Physics II Lab 1	History Code CH
COM 100/ENG 101 3	Core requirement 3	Religious Studies Code CR
Core requirement 3	Core requirement 3	Philosophy Code CP
THIRD YEAR-SEMESTER #1	THIRD YEAR-SEMESTER #2	SCIENCES
CHE 350 Physical Chemistry I 3	CHE 355 Physical Chem. II 3	Biology/Chemistry/Physics + Lab Code CN
CHE 350A Phys. Chem I Lab 1	CHE 355A Phys. Chem II Lab 1	Mathematics Code CMA
CHE 325 Biochemistry I 3	CHE 300 Chem. Junior Seminar 1	SOC 103 Our Social World Code CS
CHE 325A Biochem. I Lab 1	Core requirement 3	
Core requirement 3	Core requirement 3	Choose one discipline:
Core requirement 3	Elective 3	ECO 212 Microeconomics Code CEP
Elective 3	Elective 3	PSY 103 Psychology Code CEP
FOURTH YEAR-SEMESTER #1	FOURTH YEAR-SEMESTER #2	NOTES
CHE 314 Inter. Analytical Chem 3	CHE 315 Instrumental Analysis 3	Prerequisites:
CHE 314A Inter. Analytical Chem Lab 1	CHE 315A Instrum. Analysis Lab 1	Chemistry- College preparatory high school chemistry or the successful completion of a placement test.
Elective 3	CHE 360 Intermed. Inorg. Chem 3	Math- Three years of college preparatory high school mathematics including functions.
Elective 3	CHE 360A Int Inorganic Lab 1	
Elective 3	CHE 400 Chem. Seminar & Capstone 1	120 credits hours minimum needed to graduate.
	Core Capstone 3	
		*Students must have an appropriate math placement before enrolling in MTH 193 and CHE 111.
		Curriculum Guide does not replace advising by a faculty member within the Chemistry program.