

# 2020-21 ACADEMIC MAP

## BS - Chemistry Option B: General Chemistry

TOTAL HRS: 121



Academic map is a guide to help students stay on track to degree completion. Consult undergraduate catalog and academic advisor for other requirements.

\* minimum grade required

FALL SEMESTER						SPRING SEMESTER					
PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR
YEAR 1-Freshman	CHE 101	Gen Chem I Lecture	3	Gen Ed	C	CHE 102	Gen Chem II Lecture	3	Gen Ed	C	
	CHE 103	Gen Chem I Lab	1	Gen Ed	C	CHE 104	Gen Chem II Lab	1	Gen Ed	C	
		General Elective	3	Elective			General Elective	3	Electives		
	ENG 101	Composition I	3	Gen Ed		ENG 102	Composition II	3	Gen Ed		
	MAT 251	Calculus I	3	Spec Dgr		MAT 252	Calculus II	3	Spec Dgr	C	
	CHE 108	Intro Chemistry Sem	1	Core	C		Perspectives on Society	3	Gen Ed		
	FYS 100/300 <sup>1</sup>	First Year Seminar	1	Univ Req				16			
		15									
YEAR 2-Sophomore	CHE 319	Organic Chem I Lab	1	Core	C	CHE 320	Organic Chem II Lab	1	Core	C	
	CHE 321	Organic Chem I	3	Core	C	CHE 322	Organic Chem II	3	Core	C	
	ENG 200 level	Literature	3	Gen Ed			Humanities & Fine Arts	3	Gen Ed		
	PHY 231	General Physics I	3	Spec Dgr	C	PHY 232	General Physics II	3	Spec Dgr	C	
	PHY 235	General Physics I Lab	1	Spec Dgr	C	PHY 236	General Physics II Lab	1	Spec Dgr	C	
	MAT 253	Calculus III	3	Spec Dgr	C	COM 101/202	Communication Studies	3	Gen Ed		
		Personal Development	1	Gen Ed				14			
		15									
YEAR 3-Junior	CHE 371	Physical Chemistry I	4	Major	C	CHE 372	Physical Chemistry II	4	Major	C	
	CHE 311	Quantitative Analysis	5	Core	C		General Elective	3	Electives		
		Biochemistry Elective	4	Major	C		Chemistry Elective	4	Major	C	
		General Elective	3	Elective			General Elective	3	Electives		
		16					14				
YEAR 4-Senior	CHE 301	Desc Inorganic Chem	3	Major	C	CHE 460	Instrumental Analysis	4	Major	C	
		Perspectives on Society	3	Gen Ed			Chemistry Elective	3	Major		
	HIS 100/200	History	3	Gen Ed			Personal Development	1	Gen Ed		
		Fine Arts	3	Gen Ed			General Elective	3	Elective		
		Chemistry Elective	4	Major	C		General Elective	3	Elective		
		16			CHE 464	Science Seminar	1	Major			
							15				

<sup>1</sup> All incoming students required to enroll in FYS 100 (freshmen) or FYS 300 (transfers).

- MAT 104 College Algebra requires a math ACT sub-score of 20 or higher. 19 or below will place a student in co-requisite remediation.
- MAT 105 Trigonometry: Pre-requisite MAT 104 College Algebra **OR** ACT Math sub-score of 23.
- MAT 251 Calculus I: Pre-requisite MAT 104 College Algebra and MAT 105 Trigonometry **OR** ACT Math sub-score of 24 or higher.