

2025-26 ACADEMIC MAP

BS - Chemistry Option A: ACS Certified Chemistry

TOTAL HRS: 121



***Program will be closed by May 11, 2026. All students with more than 60 hrs. towards the degree on May 13, 2024, will receive a teach-out plan.**

Students with less than 60 hrs. on May 13, 2024, will be assisted in changing their major.

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	
	ENG 101	Composition I	3	Gen Ed			ENG 102	Composition II	3	Gen Ed		
	MAT 251	Calculus I	3	Spec Dgr	C			General Elective	3	Elective		
	CHE 108	Intro Chemistry Sem	1	Core	C		MAT 252	Calculus II	3	Spec Dgr	C	
		General Elective	3	Elective			COM 101/202	Communication Studies	3	Gen Ed		
	FYS 100/300 ¹	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	
	CHE 311	Quantitative Analysis	5	Core	C		PHY 232	General Physics II	3	Spec Dgr	C	
	PHY 231	General Physics I	3	Spec Dgr	C		PHY 236	General Physics II Lab	1	Spec Dgr	C	
	PHY 235	General Physics I Lab	1	Spec Dgr	C			Humanities & Fine Arts	3	Gen Ed		
	MAT 253	Calculus III	3	Spec Dgr	C		ENG 203/206	Literature	3	Gen Ed		
			16						14			
YEAR 3-Junior	CHE 371	Physical Chemistry I	4	Major	C		CHE 372	Physical Chemistry II	4	Major	C	
	CHE 440	Biochemistry	4	Major	C			General Elective	4	Elective		
		Perspectives on Society	3	Gen Ed				Perspectives on Society	3	Gen Ed		
		General Elective	3	Elective				Chemistry Elective	4	Major	C	
		Personal Development	1	Gen Ed					15			
			15									
YEAR 4-Senior	CHE 301	Desc Inorganic Chem	3	Major	C		CHE 432	Intro to Polymer Sci	3	Major	C	
		Chemistry Elective	3	Major	C		CHE 460	Instrumental Analysis	4	Major	C	
		General Elective	3	Elective				General Elective	3	Elective		
	HIS 100/200 level	History	3	Gen Ed				Personal Development	1	Gen Ed		
		Fine Arts	3	Gen Ed			CHE 464	Science Seminar	1	Major	C	
			15					General Elective	3	Elective		
									15			

- ¹All incoming students required to enroll in FYS 100 (freshmen) or FYS 300 (transfers).

- CHE 101 General Chemistry I requires math ACT subscore of 20 or higher **OR** MAT 104 with a grade of C or better **OR** CHE 100 Introduction to Chemistry with a grade of C or better.

- 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.

- PHY 231/235 General Physics I/Lab and PHY 232/236 General Physics II/lab offered every other year.