

2021-22 ACADEMIC MAP

BS - Chemistry Option D: Chemistry Education

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	
	BIO 100	General Biology I	4	Major	C		BIO 101	General Biology II	4	Major	C	
	ENG 101	Composition I	3	Gen Ed			ENG 102	Composition II	3	Gen Ed		
	MAT 104	College Algebra	3	Gen Ed			MAT 105	Trigonometry	3	Spec Dgr	C	
	CHE 108	Intro Chemistry Sem	1	Core	C			Humanities & Fine Arts	3	Gen Ed		
	FYS 100/300 ¹	First Year Seminar	1	Univ Req					17			
			16									
							CORE exam should be taken.					
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	
	PSY 101	General Psychology	3	Gen Ed			CUR 393	Classroom Management	3	Prof Ed		
	MAT 251/300	Calculus or Statistics	3	Spec Dgr	C		EPY 341	Educational Psychology	3	Prof Ed		
		General Elective	3	Electives			CSP 340	Survey of Except Children	3	Prof Ed		
	CUR 300	Survey of Ed w/ Field Exp	3	Prof Ed				Fine Arts	3	Gen Ed		
			16					16				
							PLT exam should be taken.					
YEAR 3-Junior	HIS 100/200 level	History	3	Gen Ed				Biochemistry Elective	4	Major	C	
	PHY 231	General Physics I	3	Spec Dgr	C		CHE 351	Phys Chem for Life Sci	4	Major	C	
	PHY 235	General Physics I Lab	1	Spec Dgr	C		PHY 232	General Physics II	3	Spec Dgr	C	
	CHE 311	Quantitative Analysis	5	Core	C		PHY 236	General Physics II Lab	1	Spec Dgr	C	
	ENG 203/206	Literature	3	Gen Ed			CHE 435	Methods & Materials	3	Major		
				15					15			
							Praxis II exam should be taken.					
YEAR 4-Senior	CUR 493	Teaching the Sciences	3	Prof Ed			CUR 498	Directed Internship	9	Prof Ed		
	CIS 205	Microcomputer Apps	3	Gen Ed				General Elective	2	Electives		
		Perspectives on Society	3	Gen Ed					11			
	COM 101/202	Communication Studies	3	Gen Ed								
	PHY 105	Astronomy	3	Major	C							
			15									

- ¹All 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.