2025-26 ACADEMIC MAP



BS - Chemistry Option C: Pre- Veterinary Science

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
CHE 101	Gen Chem I Lecture	3	Gen Ed	С		CHE 102	Gen Chem II Lecture	3	Gen Ed	С	
⊆ CHE 103	Gen Chem I Lab	1	Gen Ed	С		CHE 104	Gen Chem II Lab	1	Gen Ed	С	
BIO 100 ENG 101 MAT 104	General Biology I	4	Major	С		BIO 101	General Biology II	4	Major	С	
ទ្ធ ENG 101	Composition I	3	Gen Ed			ENG 102	Composition II	3	Gen Ed		
₩AT 104	College Algebra	3	Gen Ed			MAT 105	Trigonometry	3	Spec Dgr	С	
CHE 108	Intro Chemistry Sem	1	Core				Personal Development	1	Gen Ed		
CHE 108 FYS 100/300 ¹	First Year Seminar	1	Univ Req					15	_		
>		16	-								
CHE 319 CHE 321 PHY 221 PHY 233	Organic Chem I Lab	1	Core	С		CHE 320	Organic Chem II Lab	1	Core	С	
CHE 321	Organic Chem I	3	Core	С		CHE 322	Organic Chem II	3	Core	С	
PHY 221	Phys for Life Sci I	3	Major	C		MAT 251	Calculus I	3	Spec Dgr	С	
PHY 233	Phys for Life Sci I Lab	1	Major	C		PHY 222	Phys for Life Sci II	3	Major	С	
№ MAT 300	Statistics	3	Spec Dgr	C		PHY 234	Phys for Life Sci II Lab	1	Major	С	
BIO 300	Cell Biology	4	Major	C		COM 101/202	Communication Studies	3	Gen Ed		
7		15						14			
CHE 440	Biochemistry I	4	Major	С		CHE 351	Phys Chem for Life Sci	4	Major	С	
<u>o</u>	Chemistry Elective	3	Major	С		CHE 441	Biochemistry II	3	Major	С	
BIO 217 BSY 101	Microbiology	4	Major	С		SOC 101	Principles of Sociology	3	Gen Ed		
	General Psychology	3	Gen Ed				Humanities & Fine Arts	3	Gen Ed		
ENG 203/206	Literature	3	Gen Ed				Chemistry Elective	3	Major	С	
Ϋ́E		17						16			
						GRE should be	taken.				
CHE 311	Quantitative Analysis	5	Core	С			Chemistry Elective	4	Major	С	
<u>o</u>	Chemistry Elective	3	Major	С			General Elective	4	Elective		
HIS 100/200 level	History	3	Gen Ed				General Elective	4	Elective		
4 	Fine Arts	3	Gen Ed				Personal Development	1	Gen Ed		
HIS 100/200 level		14	=			CHE 464	Science Seminar	1	Major		
ΥE								14	_		

- 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** MAT104 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.