

2024-25 ACADEMIC MAP

BS - Biology (General)

TOTAL HRS: 120



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	BIO 100	General Biology I	4	Major	C	BIO 101	General Biology II	4	Major	C	
	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 104	College Algebra	3	Gen Ed	C	MAT 105	Trigonometry	3	Spec Dgr	C	
	FYS 100/300 ¹	First Year Seminar	1	Univ Req			Personal Development	1	Gen Ed		
		15					15				
YEAR 2-Sophomore	BIO Core	Cell, Ecology, or Genetics	4	Major	C	BIO Core	Cell, Ecology, or Genetics	4	Major	C	
	ENG 203/206	Literature	3	Gen Ed		BIO Core	Cell, Ecology, or Genetics	4	Major	C	
		Fine Arts	3	Gen Ed			Humanities & Fine Arts	3	Gen Ed		
	MAT 251/300	Calculus or Statistics	3	Spec Dgr	C		Perspectives on Society	3	Gen Ed		
	COM 101/202	Communication Studies	3	Gen Ed			Personal Development	1	Gen Ed		
		16					15				
YEAR 3-Junior	BIO 400 level	Approved Elective	4	Major	C	BIO 400 level	Approved Elective	4	Major	C	
	BIO 200-400 level	Biology Elective	4	Major	C	BIO 200-400 level	Biology Elective	4	Major	C	
	HIS 100/200 level	History	3	Gen Ed			Recommended Elective	3	Elective		
		Perspectives on Society	3	Gen Ed			Recommended Elective	4	Elective		
		14					15				
YEAR 4-Senior	BIO 400 level	Approved Elective	4	Major	C	BIO 400 level	Approved Elective	4	Major	C	
	BIO 200-400 level	Biology Elective	4	Major	C	BIO 200-400 level	Biology Elective	4	Major	C	
		Recommended Elective	3	Elective			Recommended Elective	3	Elective		
		Recommended Elective	3	Elective			Recommended Elective	4	Elective		
	BIO 470/490	Internship/Capstone Exp	1	Major	C			15			
		15									

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

- The BS in General Biology is primarily for students who want to become biologists. Many of these students will continue to the graduate level after graduation.

- 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 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.