

2024-25 ACADEMIC MAP



BS - Mathematics

TOTAL HRS: 120

**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.*

* minimum grade required

FALL SEMESTER						SPRING SEMESTER					
PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR
YEAR 1-Freshman	ENG 101	Composition I	3	Gen Ed	_____	ENG 102	Composition II	3	Gen Ed	_____	
	MAT 251	Calculus I	3	Gen Ed	_____	MAT 252	Calculus II	3	Major	_____	
	CIS 205	Microcomputer Apps	3	Gen Ed	_____	_____	Perspectives on Society	3	Gen Ed	_____	
	_____	Lab Science	4	Gen Ed	_____	_____	Lab Science	4	Gen Ed	_____	
	_____	General Elective	1	Electives	_____	_____	Fine Arts	3	Gen Ed	_____	
FYS 100/300 ¹	First Year Seminar	1	Univ Req	_____				16			
		15									
YEAR 2-Sophomore	ENG 203/206	Literature	3	Gen Ed	_____	MAT 254	Calculus IV	3	Major	_____	
	MAT 253	Calculus III	3	Major	_____	MAT 305	Foundations of Math	3	Major	_____	
	HIS 100/200 level	History	3	Gen Ed	_____	MAT 210	Computer Prog Fund	3	Major	_____	
	COM 101/202	Communication Studies	3	Gen Ed	_____	_____	Humanities & Fine Arts	3	Gen Ed	_____	
	_____	Perspectives on Society	3	Gen Ed	_____	_____	General Elective	3	Electives	_____	
		15						15			
YEAR 3-Junior	MAT 442	Linear Algebra	3	Major	_____	MAT 300+ level	Math Elective	6	Major	_____	
	PHY 231	General Physics I	3	Spec Dgr	_____	_____	Lab Science	4	Spec Dgr	_____	
	PHY 235	General Physics I Lab	1	Spec Dgr	_____	_____	Foreign Language	3	Spec Dgr	_____	
	_____	Foreign Language	3	Spec Dgr	_____	_____	General Elective	2	Electives	_____	
	_____	General Elective	4	Electives	_____			15			
		14									
YEAR 4-Senior	MAT 300+ level	Math Electives	6	Major	_____	MAT 490	Senior Seminar in Math	1	Major	_____	
	_____	General Elective	3	Electives	_____	MAT 425	Modern Algebra	3	Major	_____	
	_____	General Elective	3	Electives	_____	MAT 300+ level	Math Elective	3	Major	_____	
	_____	General Elective	3	Electives	_____	_____	General Electives	8	Electives	_____	
		15						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.
- PHY 231/235 General Physics I/Lab and PHY 232/236 General Physics II/lab offered every other year.
- At least 2.0 GPA in upper-level mathematics courses.