

MATHEMATICS AS DEGREE 81101

Course	Requirement Field	Credits	Notes
Fall - 1st Semester			
MAT 181 Precalculus Trigonometry	Related Curriculum	3	Placement required or MAT 154
ENG 101 Written Communications I	GE - English	3	Placement required or ENG 100
Lab Science	GE - Lab Science	4	Must be from approved list
Humanities or Social Science	GE - Humanities or Social Science	3	Must be from approved list
Elective/Related Curriculum	Elective/Related Curriculum	3-4	See note 2 below
NOTE: Any developmental courses (such as ENG 100 and MAT 120) must be taken in addition to the above during this semester as prerequisites for later courses.			
Total Hours		16	

Course	Requirement Field	Credits	Notes
Spring - 2nd Semester			
MAT 220 Calculus I	GE-Math	5	MAT 154 and MAT 181 or MAT 187 Pre-Requisite
ENG 102 Written Communications II	GE-English	3	ENG 101 Pre-Requisite
Lab Science	GE - Lab Science	4	See note 3 below
Humanities or Social Science	GE - Humanities or Social Science	3	Must be from approved list
Elective/Related Curriculum	Elective/Related Curriculum	3-4	See not 2 below
Total Hours		18	

Course	Requirement Field	Credits	Notes
Fall- 3rd Semester			
MAT 230 Calculus II	Core Curriculum	4	MAT 220 Pre-Requisite
Humanities or Social Science	GE - Humanities or Social Science	3	Must be from approved list
Related Curriculum	Related Curriculum	3	See note 2 below
Intensive Writing Course	GE - Intensive Writing	3	Must be from approved list
Elective	Elective Requirement	3-4	
Total Hours		16	

Course	Requirement Field	Credits	Notes
Spring - 4th Semester			
MAT 240 Calculus III	Core Curriculum	4	MAT 230 Pre-Requisite
MAT 260 Differential Equations	Core Curriculum	4	MAT 230 Pre-Requisite Spring Only
Humanities or Social Science	GE - Humanities or Social Science	3	Must be from approved list
Elective/Related Curriculum	Elective/Related Curriculum	3-4	See note 2 below
Total Hours		14	

Total Hours	64
Total Curriculum Requirements (Core)	12
Total Related Curriculum	9
Total General Education	35
Total Elective	8

NOTES:

1. The foregoing is a recommended, or suggested, sequence of courses. Of course, if a student enters the program in the spring, or transfers credit in, the above would have to be modified.
2. Select 9 Curriculum Related credits from the following list: MAT 181 Precalculus Trigonometry, MAT 160 Statistics, MAT 225 Linear Algebra, PHY 211 Physics with calculus I, and PHY 212 Physics with Calculus II.
3. Lab Science must be the same prefix as Lab Science taken in 1st semester.

This degree dictates specific courses that must be taken as part to meet the General Education requirements. Consult your catalog. **All courses must be completed with a grade of "C" or better - Be sure to check the catalog for other changes and requirements.**