



One of the distinguishing characteristics of the Department of Math & Computer Science is its commitment to quality teaching, which promotes active learning on the part of students. Faculty work closely with students to ensure that each has a successful educational experience. To this end, the department has been involved in the calculus reform movement since its beginnings and, as a result, nonlecture methods coupled with technology are used in many classes. The Rollins mathematics curriculum is flexible enough to prepare a major for a wide choice of career options, such as graduate work in pure or applied mathematics, statistics, economics, secondary education, actuarial science, government, industry, or law school.

Fourteen (14) courses are required: ten (10) core courses and four (4) electives.

CORE COURSES

Semester	Course	Prerequisite	Grade	G.E.*
_____	MAT 111 Calculus I		_____	_____
_____	MAT 112 Calculus II	MAT 111	_____	_____
_____	MAT 140 Introduction to Discrete Mathematics		_____	_____
_____	MAT 211 Calculus III	Mat 112 or PHY 120	_____	_____
_____	MAT 219 Probability and Statistics	MAT 112	_____	_____
_____	MAT 230 Linear Algebra	MAT 111 or CMS 167	_____	_____
_____	MAT 330 Proof and Abstraction	MAT 140 AND any 200+level MAT course	_____	_____
_____	MAT 455 Real Analysis	MAT 112 & MAT 330	_____	_____
_____	or			
_____	MAT 475 Abstract Algebra I	MAT 330	_____	_____
_____	MAT 485 Senior Seminar in Mathematics		_____	_____
_____	CMS & 167 Problem Solving I with Selected Topics		_____	_____
_____	CMS & 167L Problem Solving I Lab		_____	_____

ELECTIVES Four (4) additional courses in mathematics: two (2) at or above the *300 level* and two (2) at the *400 level*.

Semester	Course	Prerequisite	Grade	G.E.*
_____	MAT _____ Mathematics course at or above the <i>300 level</i>	Check Catalogue	_____	_____
_____	MAT _____ Mathematics course at or above the <i>300 level</i>	Check Catalogue	_____	_____
_____	MAT _____ Mathematics course at the <i>400 level</i>	Check Catalogue	_____	_____
_____	MAT _____ Mathematics course at the <i>400 level</i>	Check Catalogue	_____	_____

TYPICAL SCHEDULE

There are a variety of ways in which students interested in mathematics can complete the major. However, by the end of the junior year, majors should complete all core courses numbered **330** or below and have taken one elective. This will leave **MAT 455/475, MAT 485** and three electives for the senior year.

***Special Note About the General Curriculum:** Only one general curriculum requirement from the group **A, C, D, L, O, P, S** may be double-counted to satisfy both the general curriculum and the major requirements. See the *Rollins College Catalogue* for a comprehensive listing of all requirements.

Name: _____	Date: _____
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