# Minor Map – Mathematics

This is an advising tool.  Please refer to the Rollins College Catalog for a comprehensive listing of all requirements

One of the distinguishing characteristics of the Department of Mathematics and 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, non-lecture 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.

**Minor Requirements:** Eight (8) of the following courses:

**Core Courses**

| Course Name | Term | Pre-requisites | Grade | Gen Ed |
|---|---|---|---|---|
| MAT 111- Calculus I | | | | |
| MAT 112- Calculus II | | | | |
| MAT 140- Introduction to Discrete Mathematics | | | | |
| MAT 211- Calculus III | | | | |
| MAT 219- Probability and Statistics | | | | |
| MAT 230- Linear Algebra | | | | |
| MAT 330- Proof and Abstraction | | | | |
| MAT 455- Real Analysis **OR** MAT 475- Abstract Algebra I | | | | |
| CMS 167- Problem Solving I with Selected Topics | | | | |
| CMS 167L- Problem Solving I Lab | | | | |
| Notes: | | | | |