

## **MATHEMATICS MAJOR**

Contact: Dr. Laura Stumpe, Chair

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Professor: M. Majerus

Associate Professors: L. Stumpe

Assistant Professors: E. Jauch, M. Haile, J. Pichelmeyer

Visiting Assistant Professor: Z. Kopeikin

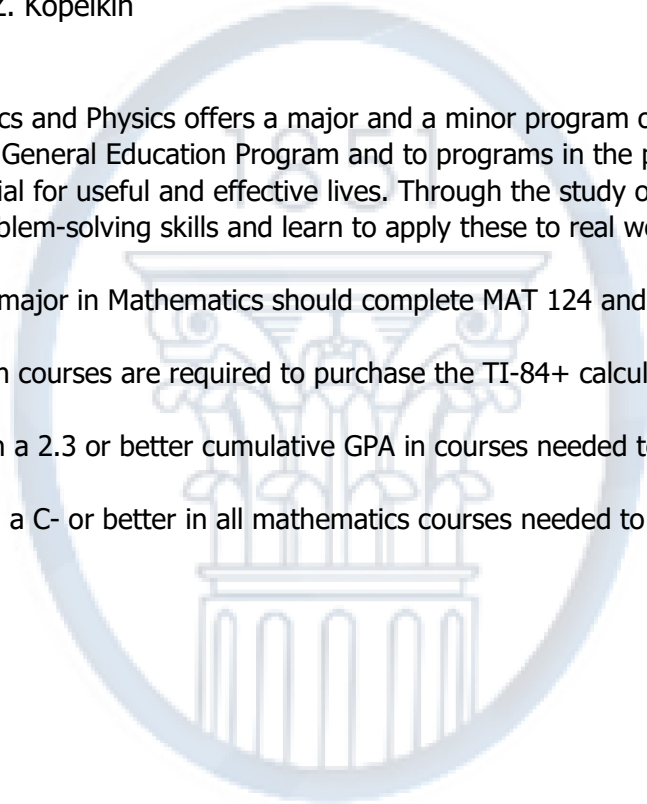
The Department of Mathematics and Physics offers a major and a minor program of study in Mathematics as well as course work integral to the General Education Program and to programs in the physical sciences. Quantitative and analytical skills are essential for useful and effective lives. Through the study of mathematics, students acquire and enhance their problem-solving skills and learn to apply these to real world issues.

Students who are planning to major in Mathematics should complete MAT 124 and CSC 104 in the freshman year.

**Note:** All students taking math courses are required to purchase the TI-84+ calculator.

Mathematics majors must earn a 2.3 or better cumulative GPA in courses needed to satisfy major requirements.

Mathematics minors must earn a C- or better in all mathematics courses needed to satisfy minor requirements.



**Major: MATHEMATICS MAJOR**

Student's Last Name

First Name

Middle Initial

Advisor

Date Major Declared

Course #	Title of Course	Hours Required	Semester Completed	Grade
<b>Required Courses:</b>				
MAT 124	Calculus I	5		
MAT 214	Calculus II	4		
MAT 215	Linear Algebra	3		
MAT 224	Calculus III	4		
MAT 313	Mathematical Probability and Statistics	3		
MAT 331	Mathematics Seminar <i>(Must be taken no later than Junior year)</i>	3		
MAT 422	Modern Algebra	3		
MAT 424	Advanced Calculus	3		
<b>Mathematics Electives (upper-level courses) 6 hours</b>				
	*	3		
	*	3		
<b>Other Required Courses</b>				
CSA 104	Programming Logic and Design	3		
<b>OR</b> CSA 304	Structured Programming	4		
<b>Plus one of the following courses</b>				
PHY 212	Physics II	4		
<b>OR</b>	An Upper-Level course in Biology, Chemistry, or Economics which has a pre req in the discipline	3		
<b>TOTAL HOURS FOR MAJOR</b>		<b>40-42 hrs</b>		

If any substitutions or waivers of requirements are allowed, please list below and initial.

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Advisor Signature: \_\_\_\_\_ Department Chair Signature: \_\_\_\_\_