

Mathematics

LIBERAL STUDIES SPECIALIZATION in MATHEMATICS (AY 2010-2011)

Choosing a Specialization

Fill out a **Choice of Specialization** form and submit it to the Liberal Studies office; this will help the University add your specialization to your degree evaluation. When you apply for graduation, write the name of your specialization where the form asks for Emphasis. For help with choosing a specialization, consult the **Specialization Flowchart** or see an adviser.

Prerequisites: 7.0 to 10.5 units required

1. MATH-1, MATH-2, MATH-3 in the preparation for the major (7-7.5 units)
2. For placement into Math 150: Math 141 **or** equivalent course from another college (minimum grade of C), **or** a passing score on the Pre-calculus Proficiency Assessment – **additional prerequisite**

Upper Division: 12-13 units required

1. **Foundations and Inquiry: 6- 7 units**
Mathematics 313 Selected Topics in Elementary Mathematics (MATH-5 in major) (3) **or**
Mathematics 315 Special Topics in Algebra, Geometry and Problem Solving
(MATH-5 in major) (2)
Mathematics 150 Calculus I (4)
2. **Depth: 3 units selected from**
*Math 302 Transition to Higher Math (3)
**Math 303 History of Mathematics (3)
3. **Depth and Applications: 3 units**
***Math 413 Mathematics for the Middle Grades (3) [offered Spring semester only]

*Prerequisite: Math 150

**Prerequisite: Math 141

***Prerequisites: Math 311 and 90 units