

SUNY Oswego, College of Liberal Arts and Sciences  
Mathematics Department  
**Proposed Revisions to Mathematics Minor**  
April 2015

**Revision 1: Change in the approved electives.**

Overview: Mat 158 (and 178 and 179) and 120 are will no longer count toward the math minor, and that Mat 392 no longer exists.

Justification: The department feels that these changes strengthen the minor in a reasonable way. A search of math minor requirements at other SUNY colleges reveals that none (or maybe one) include Precalculus, and that very few include an introductory level statistics course.

Changes in resources: None.

**Revision 2: Approved electives instead of Excluded electives**

Justification: The new description should be clearer. It will also be easier to add a new course to the list when appropriate. In addition, an elective that is not yet on the list can be approved by a program deviation.

Overview:

- a) Delete the sentence

Any three mathematics courses numbered 158 or higher, excluding MAT 206, 208, 306, 307 and 392.

- b) Insert:

Three mathematics courses, under advisement of the minor coordinator, chosen from those numbered 310 or higher, 215, 240, 249, 258, 300, 303, or 304.

Changes in resources: None

## Mathematics Minor (23 to 25 cr)

### Current

- A. Core Requirements (14 or 15 cr)
  - MAT 210 credit:4
  - MAT 220 credit:4
  - MAT 230 credit:3
  - Select one from:
    - MAT 215 credit:3
    - MAT 240 credit:4
- B. Elective Requirements (9 or 10 cr)
  - Any three mathematics courses numbered 158 or higher, excluding MAT 206, 208, 306, 307 and 392.
  - MAT 120 counts as an elective if it is taken before 210.
- C. Cognate Requirements
  - None

### New

- A. Core Requirements (14 or 15 cr)
  - MAT 210 credit:4
  - MAT 220 credit:4
  - MAT 230 credit:3
  - Select one from:
    - MAT 215 credit:3
    - MAT 240 credit:4
- B. Elective Requirements (9 or 10 cr) Three mathematics courses, under advisement of the minor coordinator, chosen from MAT 215, 240, 249, 258, 300, 303, 304, or MAT courses numbered 310 or higher. Courses may have prerequisites.
- C. Cognate Requirements
  - None