

MAJOR IN MATHEMATICS

Non-Certification

Catalog year: 2009-2010

11 courses in math: yes no
2.0 GPA in major: yes no
Degree+: BA BS

Student Name _____

phone _____

email _____

Minor _____

Core Requirements: Completed

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
MTH 201	5	_____	_____
MTH 202	4	_____	_____
MTH 210	3	_____	_____
MTH 227	3	_____	_____
MTH 310	3	_____	_____
MTH 495*	3	_____	_____

or MTH 496*

*Capstone

Cognate Courses: Completed

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
CS 160 or CS 162	3/4	_____	_____
STA 312	3	_____	_____

And one course from the following:

BIO 355, BIO 375, CHM 351, ECO 342, ECO 480,
EGR 304, GEO 440, GEO 470, HSC 201, PHY 230,
PSY 300, SS 300, STA 314, or STA 412

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
_____	_____	_____	_____

NOTE: One of the SWS courses must be taken before satisfying WRT 305 requirement.

+Completion of MTH 201, 202, & STA 312 satisfies the BS degree requirement. For a BA, students must also satisfy the foreign language requirement.

Additional Required Mathematics Courses:

Completed

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
MTH 203	4	_____	_____
MTH 408	3	_____	_____

One Upper-Level Two-Course Sequence:

Completed

Course sequence selected: (list term & grade under Additional Mathematics Courses)

- MTH 310 & MTH 410
- MTH 408 & MTH 409
- MTH 341 & MTH 431
- MTH 300 & MTH 400
- MTH 345 & MTH 360

Additional Mathematics Courses:** Completed

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Additional courses from the following list (for a total of 11 courses in mathematics): 300, 304, 327, 341, 345, 360, 400, 402, 405, 409, 410, 431, 441, 465

Majors who plan to complete graduate work in mathematics are encouraged to:

- 1) take as many upper division math courses from those listed above as possible;
- 2) complete at least one of the two-course upper level sequences in modern algebra or advanced calculus;
- 3) consult with their advisor about other courses that might be appropriate for their interests and about procedures for applying to graduate school; and
- 4) complete a BA degree by completing the third semester of French, German, or Russian.