

MAJOR IN MATHEMATICS

Non-Certification

Catalog year: 2016-2017

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	4	_____	_____
MTH 202	4	_____	_____
MTH 210	4	_____	_____
MTH 227	3	_____	_____
MTH 350	3	_____	_____
MTH 495*	3	_____	_____

or MTH 496*

*Capstone

Cognate Courses: Completed ☐

<u>Course</u>	<u>Credits</u>	<u>Term</u>	<u>Grade</u>
CIS 160, 161, 162, or EGR/CIS 261	3/3/4/3	_____	_____
STA 312	3	_____	_____

And one course from the following:

BIO 355, BIO 375, CHM 351, CMB 351, CMB 452,
ECO 342, ECO 400, ECO 412, GEO 470, HSC 201,
PHI 203, PHY 230, PSY 300, STA 314, or STA 412

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

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 350 & MTH 450 ☐ MTH 304 & MTH 401
☐ MTH 408 & MTH 409 ☐ MTH 304 & MTH 402
☐ MTH 331 & MTH 431 ☐ MTH 304 & MTH 405
☐ MTH 300 & MTH 401 ☐ MTH 408 & MTH 441
☐ MTH 327 & MTH 360

Additional Mathematics Courses:** Completed ☐

<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 courses from the following list (for a total of
11 courses in mathematics): 300, 304, 315, 327, 331,
360, 401, 402, 405, 409, 431, 441, 450, 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.

Some course substitutions are possible in specific circumstances or with approval by the chair. These can be found on the Math Policies website: <http://www.gvsu.edu/mthpolicies/> under "Students & Curriculum".