# Grand Valley State University
## CLAS Academic Advising Center
### C-1-140 Mackinac Hall, 616-331-8585
### Graduate Teacher Certification Planned Program
### Math Major—Secondary Education (5-12)

Student Name:                          G#:                                      Date:

Email Address:                         Transfer Institution(s):

This planned program is based on the requirements in place for the current catalog year. You are subject to the requirements in place for the academic year when you begin to take classes, either at GVSU or elsewhere, and have eight years to complete all requirements under that specific catalog. If you do take courses elsewhere, you will need to provide GVSU with an official transcript upon completion of the courses. To confirm the courses required for completion of your academic and teaching plans, please contact the CLAS Academic Advising Center at 616-331-8585 or advstu@gvsu.edu.

Key:    ✓ - Completed or In Progress       W - Waived       Highlighted - Still Needs to be Completed

| Course Number | ✓ | Course Name | Credits | Completed | Scheduled | Grade | Quality Points |
|---|---|---|---|---|---|---|---|
| MTH 201 | | Calculus I | | | | | |
| MTH 202 | | Calculus II | | | | | |
| MTH 204 | | Linear Algebra I | | | | | |
| MTH 210 | | Communicating in Mathematics | | | | | |
| MTH 229 | | Teaching High School Mathematics | | | | | |
| MTH 315 | | Discrete Mathematics | | | | | |
| MTH 324 | | Algebraic Reasoning in Grades 3-9 | | | | | |
| MTH 331 | | Euclidean Geometry | | | | | |
| STA 312 | | Probability and Statistics | | | | | |
| MTH 313 | | Teaching Probability and Stats in Grades 5-12 | | | | | |
| MTH 350 | | Modern Algebra I | | | | | |
| MTH 329 | | Teaching Middle Grades MTH | | | | | |
| MTH 495 or MTH 496 | | Nature of Modern Math (capstone) or Senior Thesis | | | | | |
| MTH elective | | | | | | | |
| | | | 0 | | | | 0 |

GPA:        ###

**Special Considerations: Students are subject to all pre-requisites for each course listed**

**Notes:**

| Substitutions, Equivalencies, and Waivers Approved by: | Date: |
|---|---|
| **Prepared by:** | **Date:** |
| **Academic Departmental Approval (Pending Completion of Highlighted Requirements):** | **Date:** |

MTH elective options:
MTH 205 Linear Algebra II
MTH 304 Analysis of Differential Equations
MTH 360 Operations Research
MTH 402 Complex Analysis
MTH 406 Linear Algebra III

MTH 408 Real Analysis I

MTH 431 Non-Euclidean Geometry

MTH 450 Modern Algebra I

MTH 495 Nature of Modern Math (if 496 is taken as capstone)

MTH 496 Senior Thesis (if 495 is taken as capstone