

Grand Valley State University
CLAS Academic Advising Center
C-1-140 Mackinac Hall
616-331-8585

Graduate Teacher Certification Planned Program
Mathematics Major – Elementary Education

Student Name:

Date:

Email Address:

G#:

Transfer Institution(s):

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

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.

Mathematics Major – Required Courses

Course Number	✓	Course Name	Crd	Prerequisite	Completed	Scheduled	Grade	Quality Points
MTH 201		Calculus I	4	MTH 122 and MTH 123				
MTH 202		Calculus II	4	MTH 201				
MTH 210		Communicating in Mathematics	4	MTH 201				
MTH 227		Linear Algebra I	3	MTH 202				
MTH 322		Geometry for Elementary Teachers ²	3	MTH 223 or MTH 221 and MTH 222				
MTH 323		Probability & Stats for Elementary Teachers ²	3	MTH 322				
MTH 324		Algebra for Elementary Teachers ³	3	MTH 210 and MTH 322				
MTH 315		Discrete Mathematics	3	MTH 210				
MTH 331		Euclidean Geometry	3	MTH 210 and MTH 227				
MTH 350		Modern Algebra	3	MTH 210 and MTH 227				
MTH 495		Nature of Modern Math OR	3	MTH 310 and 3 other 300 or 400 level math courses				
MTH 496		Senior Thesis	3					

Total Credits Needed: 36

Cumulative GPA: _____

Elementary Candidates Must Also Complete the Following Prior to Admission to the GTC Program:

PED 265		Teaching Health in Elementary Schools	2					
PED 266		Move-Dance-Learn! PE and Dance for Elementary Education	2					
EDT 619		Curricular Integration of ED Technology	3					

Special Considerations:

With approval of the Mathematics Department, MTH 222 and MTH 329 may be substituted for MTH 322 and MTH 324 should the scheduling of the later courses make completing the requirements unreasonable.

Courses missing from the major are the cognate and STA 312. The cognate is almost always met by the previous degree. Current policy of the Mathematics Department Graduate Programs Committee is to allow prospective GTC students to have a slightly smaller “teachable major” in order to shorten the time to certification.

Notes:

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