MAJOR IN MATHEMATICS
Theoretical Mathematics
Catalog Year: 2026-2027

Student Name: _____ Student G#:_____
Email: _____

Course Requirements:

Course	Credits	Term	Grade
MTH 201	4		
MTH 202	4		
MTH 203	4		
MTH 204[3]	3		
MTH 205	3		
MTH 210[4]	4		
MTH 296	3		
MTH 350	3		
MTH 408	3		
MTH 495 or 496	3		

Additional Mathematics Courses

Take additional courses from the following list for a total of 13 courses in math: □
At least one of the additional courses must be at the 400-level MTH class: □
At least 12 courses total must be in math (MTH): □
MTH (300 or 401), 304[3], 305, 315[4], 360, 402, 405, 406, 409, 431, 441, 450, 465, 495, 496, 498, STA 412[2]

Course	Credits	Term	Grade

Computer Science/Statistics courses

Course	Credits	Term	Grade
CIS 161 or 162[1]	3/4		
STA 312 or STA 412[2]	3		

Other Notes:

2.0+ GPA in major yes no
Degree: BA BS

- Completion of MTH 201, 202, & (STA 312 or 412) satisfies the BS degree requirement. For a BA, students must also complete the foreign language requirement.
- Students considering graduate school are encouraged to take 450 and 409 and to consult with an advisor
- *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".*

[1] Choose CIS 162 if you're interested in a CS minor, choose 161 if you are leaning more towards data science or do not have a strong preference for either route.
[2] STA 412 may not count as both cognate and elective.
[3] For prior engineering majors, MTH 302 can replace MTH 204 and MTH 304 with one additional course needed upon approval from advisor.
[4] For CIS/MTH double majors or prior CIS majors, 225 and 325 together count for 210 & 315 upon approval from advisor.