MAJOR IN MATHEMATICS
Theoretical Mathematics
Catalog Year: 2022-2023

Student Name: _____ Student G#::_____

Email: _____

Course Requirements:

Course	Credits	Term	Grade
MTH 201	4		
MTH 202	4		
MTH 203	4		
MTH 204	3		
MTH 205	3		
MTH 210	4		
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 12 courses in mathematics:
One of the additional courses must be at the 400-level
        MTH 300, 304, 305, 315, 360, 401, 402, 405, 406, 409, 431, 441, 450, 465, 495, 496, 498

Course	Credits	Term	Grade

Cognate Courses

Course	Credits	Term	Grade
CIS 161 or 162[1]	3/4/3		
STA 312	3		
One course from list*			

*BIO 355, BIO 375, CHM 351, CMB 451, CMB 452, ECO 400, GEO 470, HSC 201, PHI 203, PHY 230, PSY 300, STA 314, STA 412

Other Notes:
2.0+ GPA in major   yes   no
Degree: BA   BS
- Completion of MTH 201, 202, & STA 312 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".*

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[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.