THIS IS A GENERAL CURRICULUM GUIDE AND IS NOT APPLICABLE TO EVERY STUDENT. IT IS IMPORTANT TO MEET WITH YOUR ADVISOR.
Both your cumulative and major GPAs must be at least 2.7 to be registered for the Teacher Apprenticeship courses and corresponding field placement.


* The block tuition rate is 12-15 credits. You will pay additional tuition for any credits over 15.
${ }^{1}$ Students must fulfill MTH 110, MTH 122, and MTH 123 or MTH 124 or waive the requirement through math placement. These courses do not count towards the completion of the Mathematics major
${ }^{2}$ Students who self-place into WRT 120 should take this course in the fall and then WRT 130 in the winter of their first year. Students who self-place into WRT 150 can take in either semester during their first year. A grade of C or better is required in WRT 130 or 150 in order to satisfy the WRT requirement at GVSU.
${ }^{3}$ Students must complete a total of two courses with an SWS attribute. One SWS should be outside of the major.
${ }^{4}$ Mathematics Education-5-12 students must complete one elective course in Math. Options are listed below.
${ }^{5}$ Students may also complete MTH 496 - Senior Thesis - as the capstone course. Consult with your mathematics faculty advisor to discuss these options.

Mathematics students can pursue a Bachelor of Arts or Bachelor of Science degree. Students who wish to obtain a BA must fulfill 3rd semester proficiency in a foreign language ( 201 level). The BS requirements are incorporated into the major requirements and include MTH 201, MTH 204, and MTH 210. To earn a degree from GVSU, all students must complete the following: 120 total credits, all major/minor requirements, all general education requirements, at least 58 credits from a 4 -year institution, and the last 30 credits of the degree completed through GVSU.

## Declaring the Mathematics and Secondary Education Major

1. Log into myBanner from the GVSU homepage
2. Once logged in select "Student", "Student Records", and then, "Change Major"
3. Click on the "Change Major 1/Program" box
4. Click on the down arrow in the box next to "New Major 1/Program," from here scroll down and choose "Mathematics Teaching-BA Education 5-12" OR "Mathematics Teaching-BS Education 5-12" depending on your degree
5. Click "Submit." The system will automatically declare your $2^{\text {nd }}$ major in "Secondary Education"

| General Education Categories fulfilled by the Mathematics - Education Majors for 5-12: |  |
| :--- | :--- |
| Social and Behavioral Sciences: PSY 101, EDF 115 | Issues: EDS 379, EDT 477 |
| Mathematical Sciences: MTH 201 | Cultures-U.S. Diversity: EDF 315 |
| Cultures-Global Perspectives: EDR 225 |  |

## Second Major in Secondary Education

## A 2.7 cumulative GPA in the Secondary Education Major Courses is required

- EDF 115 Introduction to Education (3)
- PSY 331 Adolescent Development (3) Prerequisite: PSY 101
- EDR 225 Intro to Teaching Multilingual Learners (3)
- EDF 315 Diverse Perspectives on Education (3)
*Must earn a B- or better
- EDF 260 Educational Research and Assessment (3)*

| Apprenticeship (15 credits) | Internship (12 credits) |
| :---: | :---: |
| - EDI 331 Secondary Teacher Apprenticeship and Seminar (4)* | - EDI 431 Secondary Teacher Internship and Seminar (7)* |
| - EDI 332 Secondary Teacher Apprenticeship Disciplinary Cont. Sem. (2) | - EDI 432 Secondary Internship Disciplinary Content Seminar (2) |
| - EDR 321 Content Area Literacy (3)* | - EDF 495 Reflective Inquiry and Practice (3)* |
| - EDT 477 Teaching with Technology (3)* | - |
| - EDS 319 Universal Design for Learning: Secondary (3)* | *Must earn a B- or better |

Application requirements for Teacher Apprenticeship and Teaching Internship experiences can be found at https://www.gvsu.edu/education/undergraduate/apply-for-field-placement-4.htm If you have any questions about the clinical experience applications, please contact the Office of Certification and Accreditation at (616) 331-6650 or email oca@gvsu.edu

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| :--- | :--- |
| MTH $\mathbf{2 0 5}$ Linear Algebra II | Math Elective Courses (Choose one of the following) |
| MTH $\mathbf{3 0 4}$ Analysis of Differential Equations | MTH 408 Real Analysis ${ }^{*}$ |
| MTH 360 Operations Research | MTH 431 Non-Euclidean Geometry |
| MTH 402 Complex Analysis* | MTH 450 Modern Algebra I |
| MTH 406 Linear Algebra III* | MTH 495 Nature of Modern Math (if MTH 496 is taken as capstone) |
|  | MTH 496 Senior Thesis (if MTH 495 is taken as capstone) |
| * This course has additional prerequisites | May be used with Unit Head Permission: MTH 380, 386, 387, 399, and 480 |

