# MAJOR IN MATHEMATICS
## *Secondary Teacher Certification; Single Band (5-9)*
Catalog Year: 2024-2025

*Student Name: _____     Student G#:_____*

*Email: _____     2.7+ GPA[1]  yes     no  Degree[2]:     BA     BS*

**Course Requirements:**

| Course | Credits | Term | Grade | |
|---|---|---|---|---|
| MTH 201 | 4 | | | Recommended that students take MTH 210, MTH 315, MTH 331 in consecutive semesters in that order. |
| MTH 202 | 4 | | | |
| MTH 204 | 3 | | | |
| MTH 210 | 4 | | | * offered fall only (MTH 322) |
| MTH 315 | 3 | | | @ offered winter only (MTH 323, 329, 331) |
| MTH 322* | 3 | | | |
| MTH 323@ | 3 | | | To be approved for a teacher apprenticeship, students must have completed at least 24 credits in the math major including MTH 331 and MTH 329; both may be in progress at time of application. Students apply for a teacher apprenticeship early in the semester immediately preceding the apprenticeship. Students are strongly encouraged to take their MTTC test (022: Mathematics – Secondary) before the apprenticeship begins. |
| MTH 324 | 3 | | | |
| MTH 329@ | 3 | | | |
| MTH 331@ | 3 | | | |
| MTH 495 or 496 (Capstone) | 3 | | | |
| 3-course Elective Theme: Applied Theme, Calculus Theme, or Math Education Theme | | | | |
| | | | | |

**3-Course Elective Themes:**

| Course | Credits | Term | Grade | |
|---|---|---|---|---|
| **Applied Theme** | | | | Choose one 3-course elective theme; elective courses must all be different from the Capstone Course. |
| MTH 205 | 3 | | | |
| MTH 360 | 3 | | | Elective List A: MTH 205, 229, 304 |
| Elective from List A or B | | | | |
| **Calculus Theme** | | | | Elective List B: MTH 350, 402, 406, 408, 431, 450, 495, 496 |
| MTH 203 or 304 | 4, 3 | | | |
| Elective from List B | | | | |
| Elective from List A or B | | | | |
| **Math Education Theme** | | | | |
| MTH 226 | 3 | | | |
| MTH 326 or 229 | 3 | | | |
| Elective from List B | | | | |

**Professional Program: (These courses are still being updated, consult with education advisor for up-to-date course planning.)**

| Course | Credits | Term | Grade | |
|---|---|---|---|---|
| EDF 115 | 3 | | | |
| EDR 225 | 3 | | | ^^ Must be taken concurrently with clinical apprenticeship course (EDI 331/333/334) |
| EDF 260 | 3 | | | |
| EDF 315 | 3 | | | #EDI 433 and EDI 434 require a B- or better in EDI 332 and EDI 333 |
| PSY 331 | 3 | | | |
| EDI 331/333/334 | 4 | | | |
| EDI 332 | 2 | | | >>EDI 432 must be taken concurrently with or after EDI 431, EDI 433, or EDI 434. |
| EDR 321^^ | 3 | | | |
| EDT 477^^ | 3 | | | |

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[1]The College of Education and Community Innovation (CECI) requires a minimum 2.7 GPA overall, in the major, for regular admission. For students failing to meet the CECI major GPA requirement of 2.7 or above on myPath, the major GPA may be recalculated using only courses with a MTH or STA designation for CECI admission. Those with GPAs of 2.50-2.699 can pursue the secondary review process for admission. See
https://www.gvsu.edu/education/undergraduate/teacher-apprenticeship-application-37.htm

[2] Completion of MTH 201, 204, and 210 satisfies the BS degree requirement. For a BA, students must also complete a foreign language.

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|---|---|---|---|---|
| EDS 319^^ | 3 | | | @EDF 495 must be taken concurrently with EDI 430 or EDI 431 |
| EDI 431/433#/434# | 8/7/7 | | | |
| EDI 432>> | 2 | | | |
| EDF 495@ | 3 | | | |