# Education: Teaching Mathematics 

## Associate of Arts in Teaching <br> Frederick Community College Pathway

Guided Pathway to Success (GPS) Suggested schedules map your path to degree completion.

Full-time student: Follow the green semester blocks in order.

Part-time student: Follow the blue course sequence at your own pace.

## Students should meet with an

 advisor each semester to carefully select and sequence courses based on their specific academic goals and interests. Visit Jefferson Hall or call 301.846.2471 (301.846.2625 TDD) for advising.Students who take fewer than 15 credits each semester or who require developmental English or Math coursework will need additional semesters to complete their degrees. Summer and January term classes may help students to make faster progress.

General Education CORE courses can often be taken in any semester. One course must be designated as a Cultural Competence course. A minimum of nine credits must be taken at the 200 level. Refer to the college catalog for course details and the list of General Education and Cultural Competence classes. http://www.frederick.edu/classschedules.aspx\#catalog

Students are strongly recommended to consult an FCC advisor to select elective courses. Students planning to transfer may also reference ARTSYS, the Maryland Articulation System, www.artsys.usmd.edu.

Recommended First Semester

| 1 | Gen Ed CORE | EN 101 English Composition | (1) | 3 credits |
| :---: | :---: | :---: | :---: | :---: |
| 2 | Gen Ed CORE | MA 210 Calculus I (Prerequisite MA 111)* | $\checkmark$ ( | 4 credits |
| 3 | Departmental Requirements | ED 102 Schools and Society | $\checkmark$ | 3 credits |
| 4 | Gen Ed CORE | PS 101 General Psychology |  | 3 credits |
| 5 | Gen Ed CORE | Wellness Gen Ed |  | 3 credits |
| Recommended Second Semester |  |  |  |  |
| 6 | Departmental Requirements | MA 211 Calculus II | $\checkmark$ | 4 credits |
| 7 | Departmental Requirements | ED 203 Foundations of Special Education |  | 3 credits |
| 8 | Departmental Requirements | PS 204 Psychology of Adolescence |  | 3 credits |
| 9 | Gen Ed CORE | Communications Gen Ed |  | 3 credits |
| 10 | Departmental Requirements | Elective** |  | 4 credits |

MSDE Basic Skills Testing Requirement: PRAXIS Core, ACT, SAT, or GRE***
Recommended Third Semester

| 11 | Gen Ed CORE | Arts Gen Ed | 3 credits |
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| 12 | Departmental <br> Requirements | MA 218 Linear Algebra | 3 credits |
| 13 | Departmental <br> Requirements | ED 202 Educational Psychology | 3 credits |
| 14 | Departmental <br> Requirements | PY 203 Introductory Physics I** | 4 credits |
| 4 | Recommended Fourth Semester | 4 credits |  |
| 15 | Departmental <br> Requirements | PY 204 Introductory Physics II | 4 credits |
| 16 | Departmental <br> Requirements | MA 212 Calculus III | $3 / 4$ credits |
| 17 | Departmental <br> Requirements | Elective | 3 credits |
| 18 | Gen Ed CORE | Humanities Gen Ed | 3 credits |
| 19 | Departmental <br> Requirements | Computer Literacy, Interdisciplinary, or Multicultural <br> Issues \& Perspectives Gen Ed |  |

*Students who have not taken MA 111 Precalculus should take it as an elective before starting the Calculus sequence.
**Please note that High School Physics or PY 101 Survey of Physics are strongly recommended as prerequisites for PY 203 Introductory Physics I
${ }^{* * *}$ The AAT degree is designed to meet state requirements for the first two years of teacher education. Students must achieve a minimum of 2.75 cumulative GPA and earn a " C " or better in all courses used to satisfy the AAT requirements. Students must also provide the Registrar's Office with qualifying scores on one of the state-approved basic skills tests for future teachers. Students are strongly encouraged to consult with an academic advisor at their transfer institution as early as possible and should be aware that some colleges and universities may require higher GPAs and/or additional tests.

