$\qquad$ ID Number:

## Major Requirements

All classes must be completed with a C- grade or better. Each course may count only once towards the major. No more than 4 credits of internship may count towards the major. Students completing a major in Mathematics are not eligible for a minor in Mathematics. At least two MAT courses numbered 300 or above must be taken at Augsburg.

| Term Completed/Planned | Grade | Credit | Course \# | Title |
| :---: | :---: | :---: | :---: | :---: |
| Complete both Calculus I and Calculus II |  |  |  |  |
|  |  | 4 | MAT145 and 145L: Calculus I (NSM) |  |
|  |  | 4 | MAT146 and 146L: Calculus II (NSM) |  |
| Complete both advanced discrete mathematics and linear algebra |  |  |  |  |
|  |  | 4 | MAT302 | Discrete Mathematical Structures |
|  |  | 4 | MAT315 | Linear Algebra |
| Complete one (1) geometric perspective course |  |  |  |  |
|  |  | 4 | MAT255 | Multivariable Calculus |
|  |  | 4 | MAT335 | Exploring Geometry |
| Complete one (1) theoretical structures course |  |  |  |  |
|  |  | 4 | MAT350 | Graph Theory |
|  |  | 4 | MAT360 | Dynamical Systems |
|  |  | 4 | MAT370 | Real Analysis |
|  |  | 4 | MAT380 | Abstract Algebra |

Complete one (1) MAT elective numbered 300 or above
Complete one (1) advanced mathematics elective numbered 350 or above, chosen from:


Complete one (1) advanced elective, chosen from:

|  | 4 | DST elective numbered 300 or above |
| :---: | :---: | :---: |
|  | 4 | ECO416 Mathematical Economics |
|  | 4 | An additional MAT elective numbered 300 or above |
|  | 4 | PHY327 Special Functions of Mathematical Physics |
| Pass MAT491 in your final semester |  |  |
|  | 0 | MAT491 Mathematics Colloquium |
| Complete one (1) Speaking skill course |  |  |
|  | 2 | MAT201 Communicating Mathematics |
|  | 4 | COM111 Public Speaking (HUM) |
|  | 4 | COM115 Scientific and Technical Public Speaking (HUM) |
|  |  | Speaking skill course from another major: |

Abbreviation Key: ML = Modern Language; SC = Signature Curriculum; EM = Engaging Minneapolis; AE = Augsburg Experience; KC = Senior Keystone Course; NSM = Natural Science \& Mathematics - no lab; NSM-L = Natural Science \& Mathematics-with lab; SBS = Social \& Behavioral Science; FA = Fine Arts; HUM = Humanities

