Declaring/Changing a Major, Minor, or Applied Minor

Section A: Policies and Instructions

Declaring a Major:

1. Students are required to file a declaration of major at the Registrar’s Office no later than the end of their fourth semester.
2. A late fee of $25.00 will be charged if the petition is submitted after the deadline.
3. A declared major may be changed at any time up to the add/drop deadline of the student’s final semester by submitting a new major declaration form.

Declaring a Minor:

1. Minors are optional programs, you are not required to have a minor to graduate.
2. The deadline for declaring a minor is the 5th day of classes of the spring semester of the senior year.
3. Students must declare their Major Field of concentration before declaring a minor.

Declaring an Applied Minor:

1. Applied minors are optional programs, they are not required for graduation.
2. The deadline for declaring an applied minor is the 5th day of classes of the spring semester of the senior.

Progress towards completion of a major, a minor, and an applied minor will be tracked in DegreeWorks.

Complete Section B below and the relevant program section. Next to each requirement, indicate which semester (e.g. Fall 2023) you have taken or will take that course.

Your form must be signed by the Department/Program and your academic advisor (must be in your field of study for your major).

Section B: Student Information

Student Name ___________________________________ ID# ____________________________

Email ____________________________ Date ________________________________

Planned Date of Graduation: May ______ December _____ Year: ______

Select one:

_____ I wish to declare my primary Major
_____ I wish to declare a Minor
_____ I wish to declare a second Major
_____ I wish to declare an Applied Minor
_____ I wish to change my Major
Mathematics

Use this form to declare a major or a minor in Mathematics.

Declaration/Change of Major

To earn a Bachelor of Arts in mathematics, you must complete the following courses, in addition to general education requirements.

Students considering a major in mathematics are encouraged to enroll in Calculus A or Discrete Math during the Fall Semester of their first year and to discuss their plans with one of the Math faculty if they’ve taken calculus in high school.

Students majoring in mathematics are required to complete:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 180</td>
<td>Calculus A</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 190</td>
<td>Discrete Mathematics</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 280</td>
<td>Calculus B</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 288</td>
<td>Introduction to Proof</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>MATH 310</td>
<td>Linear Algebra</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 420</td>
<td>Abstract Algebra A</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 430</td>
<td>Analysis A</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 425</td>
<td>Abstract Algebra B</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 435</td>
<td>Analysis B</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 486</td>
<td>Comprehensive Independent Study</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>MATH 488</td>
<td>Seminar</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>MATH 320</td>
<td>Differential Equations</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH 350</td>
<td>Multivariate Calculus</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

☐ One other Mathematics course numbered 300 or above

Students intending to go on in mathematics are strongly encouraged to take MATH 320, MATH 350, both MATH 425 and MATH 435, and at least one course in Computer Science.

* MATH 180, MATH 280: Satisfied by credit or placement

Minor/Applied Minor Declaration Form

Declared Major(s) ____________________________
To pursue a minor in mathematics, you must complete:

<table>
<thead>
<tr>
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<th>Credit Hours</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ MATH 180</td>
<td>Calculus A</td>
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<td>Introduction to Proof</td>
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<td></td>
</tr>
</tbody>
</table>

*MATH 180, MATH 280: Satisfied by credit or placement

Two other courses (totaling 6+ credits), at least one of which must be at 300+ level. These courses should be chosen from this list:

<table>
<thead>
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<th>Course Title</th>
<th>Credit Hours</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Any 200-level or above MATH course</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>☐ MATH 130</td>
<td>Symbolic Logic</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>☐ CS 380</td>
<td>Theory of Computation</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

*Satisfied by credit or placement

This student is hereby approved to pursue a major __________________________ / minor __________________________ in accordance to the above plans (please enter your full name below).

Academic advisor __________________________ Date _____________

Department/Program Convener __________________________ Date _____________

This completed form must be emailed to registrar@earlham.edu for processing. Your adviser and the Department/Program Convener must be copied on the email.

Registrar __________________________ Date _____________