## Bachelor of Science in Mathematics
Specialization in Pure Mathematics

<table>
<thead>
<tr>
<th>DEGREE REQUIREMENTS</th>
<th>CURRICULUM NOTES</th>
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<tbody>
<tr>
<td><strong>Credits</strong>: minimum of 180 credits</td>
<td>• Assumes trigonometry (MATH 1022) not needed due to placement exam or college credit</td>
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<tr>
<td><strong>Credits in major</strong>: 83-88</td>
<td>• Assume placement into MATH 1334 by SAT/ACT/SU math placement exam or college credit</td>
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<td><strong>GPA cumulative minimum</strong>: 2.5</td>
<td>• Cognate electives include computer science, economics, and/or natural science approved by advisor. Must include at least one CPSC applications or programming course.</td>
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<tr>
<td><strong>GPA major minimum</strong>: 2.5</td>
<td>• MATH 4990 will be waived for students completing NSF REU experience, senior design project, or other approved research project in another department.</td>
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### Core Module I Requirements

**Math**
- UCOR 1XXX University Core
- UCOR 1XXX University Core

**Electives**
- UCOR 1XXX University Core
- UCOR 1XXX University Core

### Core Module II Requirements

**Math**
- UCOR 2XXX University Core
- UCOR 2XXX University Core
- UCOR 3XXX University Core

**Electives**
- UCOR 3XXX University Core
- UCOR 3XXX University Core

### Core Module III Requirements

**Math**
- UCOR 4421 – Abstract Algebra I
- UCOR 4431 – Real Analysis I
- UCOR 4481 – Senior Synthesis I
- UCOR 4990 – Undergraduate Research
- UCOR 3XXX University Core

**Electives**
- UCOR Elective (3000 level or above)
- UCOR Elective

### Typical 4 Year Program of Study 2020-2021

<table>
<thead>
<tr>
<th>fall</th>
<th>winter</th>
<th>spring</th>
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<tr>
<td>UCOR 1XXX University Core</td>
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### Program of Study

- **Course**: MATH 1334 – Calculus I (MATH 1022 Trig must be satisfied in major)
- **Credits**: 5
- **Course**: MATH 1335 – Calculus II
- **Credits**: 5
- **Course**: MATH 1336 – Calculus III
- **Credits**: 5

For complete information on courses, pre-requisites, etc., please visit the online Catalog [http://catalog.seattleu.edu/](http://catalog.seattleu.edu/) for the current year.

The example below assumes you have completed no degree requirements. Your personal program of study may vary from this due to prior educational experience or individual goals.

* Indicates prerequisite required for course  
+ Indicates co-requisite required for course

Work closely with your academic advisor to plan your program of study and the other co-curricular components of your educational plan.

Updated 6/15/2020