# Applied Mathematics

## Degrees Offered

<table>
<thead>
<tr>
<th>BA</th>
<th>BS</th>
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<tbody>
<tr>
<td>Applied Mathematics</td>
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## Prerequisites for entering the major

- MATH 120 or ENAS 151;
- MATH 222 or MATH 225 or MATH 226, or equivalents;
- ENAS 130, CPSC 100, or CPSC 112

## Requirements for each degree

### 11 term courses beyond prereqs (incl senior req)

- 1 differential equations course, ENAS 194 or MATH 246
- 1 probability course, S&DS 241 or S&DS 238
- 1 discrete mathematics course, AMTH 244 or CPSC 202
- 3 adv courses in an area of concentration involving applied mathematics
- 3 courses in areas listed in item 5 of the overview page

### 14 term courses beyond prereqs (incl senior req)

- 1 additional vector analysis course, as specified
- 1 additional 300-level or higher course
- 4 courses in areas listed in item 5 of the overview page

## Senior Requirement

- Senior thesis research project
- AMTH 491

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