2020-2021 Catalog Checklist

University of Idaho
Department of Mathematics and Statistical Science
208-885-6742
mathstat@uidaho.edu

Basic Requirements
☐ At least 40 upper division credits
☐ At least 120 total credits

Written and Oral Communications
English 102 plus one additional writing course
   ☐ ENGL 102
   ☐ One of COMM 101, PHIL 102, COMM 150

Natural and Applied Sciences
Two courses with their labs (from two different disciplines), or one course with a lab plus one CORS
   ☐ Science Course with lab (4cr)
   ☐ Integrated Science course (CORS) or 2nd Science course with lab (3 or 4 credits)

Social Sciences and Humanities
Humanities: 6 credits, from two different disciplines
   ☐
   ☐
Social Sciences: 6 credits, from two different disciplines
   ☐
   ☐

American Diversity and International Courses
   ☐ American Diversity Course
   ☐ International Course

Senior Experience
One upper-division approved Senior Experience course
   ☐

See Degree Audit for a current list of approved courses for these categories.
Information is also available at: www.uidaho.edu/academics/general-education/student-information

Degree Audit is the only official verification of completion of degree requirements.
Students should consult their Degree Audit frequently: www.vandalweb.uidaho.edu

Transfer Students: See separate planning sheet
<table>
<thead>
<tr>
<th>MATH—GENERAL OPTION</th>
<th>STAT—GENERAL OPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>170 175 275 176</td>
<td>Math 170 Math 175</td>
</tr>
<tr>
<td>215 310 330 461</td>
<td>Math 275 Math 330</td>
</tr>
<tr>
<td>471 CS 301 CS 112 or 120</td>
<td></td>
</tr>
</tbody>
</table>

**One of the following:**

- 430 452 453 462
- 472 476

**Four Math Courses Numbered Above 310 (12 cr):**

- Math 415 or another senior experience course

**Senior Experience Course:**

**Math—Applied: Computation Option**

<table>
<thead>
<tr>
<th>170 175 275 176</th>
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<tbody>
<tr>
<td>215 310 330 385</td>
</tr>
<tr>
<td>395 415</td>
</tr>
<tr>
<td>CS 120 CS 121</td>
</tr>
</tbody>
</table>

**One of the following:**

- 428 432

**One of the following:**

- Stat 301 Math 452

**Two of the following:**

- 376 426 430 432
- 451 452 461 462
- 476

<table>
<thead>
<tr>
<th>MATH—APPLIED: QUANTITATIVE MODELING OPTION</th>
<th>STAT—APPLIED: ACTUARIAL SCIENCE AND FINANCE OPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>170 175 275 176</td>
<td>Math 170 Math 175</td>
</tr>
<tr>
<td>215 310 330 428</td>
<td>Math 275 Math 330</td>
</tr>
<tr>
<td>451 437 or 438</td>
<td>Math 310 Stat/Math 451</td>
</tr>
<tr>
<td>CS 120 452 or Stat 301</td>
<td>Stat/Math 452 CS 112 or 120</td>
</tr>
</tbody>
</table>

**Three of the following:**

- 371 376 415 420 426 432 438 452 453 471 472 476 480

**Six Credits in Approved Quantitative Electives**

(from courses in science, engineering, business, economics, etc.): _____

<table>
<thead>
<tr>
<th>MATH—APPLIED: MATH BIOLOGY OPTION</th>
<th>STAT—APPLIED: MATH BIOLOGY OPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>170 175 275 330</td>
<td>Math 170 Math 175</td>
</tr>
<tr>
<td>437 451 452</td>
<td>Math 275 Math 330</td>
</tr>
<tr>
<td>Biol 310 Biol 456 Chem 111</td>
<td>Stat/Math 452 CS 112 or 120</td>
</tr>
<tr>
<td>Chem 111L Stat 251 or Stat 301</td>
<td></td>
</tr>
</tbody>
</table>

**Two of the following:**

- 310 453 Stat 431

**Two of the following:**

- 428 430 480

**Twelve Credits Biology Courses at 300 level or above:**

- Math 455 Stat 419 or 426 or 427

**Three Math Courses Numbered 400 or Above, or Stat 422:**

- _____ _____ _____