Mathematics and Statistics

Department Information

• Credential Offered:
  B.S.; B.A.

• Official Program Curriculum:
  catalog.ndsu.edu/undergraduate/program-curriculum/mathematics-statistics/ (http://catalog.ndsu.edu/undergraduate/program-curriculum/mathematics-statistics/)

Sample Program Guide

IMPORTANT DISCLAIMER: This guide is not an official curriculum. This guide is a sample four-year degree plan of how students might plan this major with other degree requirements to complete their education in four years. Student plans will vary from this sample due to a variety of factors, such as, but not limited to, start year, education goals, transfer credit, and course availability. To ensure proper degree completion, enrolled students should utilize Degree Map (https://www.ndsu.edu/registrar/degreemap/) and Schedule Planner (https://www.ndsu.edu/onestop/degree-map-and-planning/) in Campus Connection and consult regularly with academic advisors to ensure graduation requirements are being met.

Math and Statistics (Pre-Actuarial)

### Freshman

<table>
<thead>
<tr>
<th></th>
<th>Fall</th>
<th>Credits</th>
<th>Spring</th>
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<td>Fall</td>
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<tr>
<td>MATH 165$^1$</td>
<td>4 MATH 166</td>
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<td>MATH 129</td>
<td>3 MATH 329</td>
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<tr>
<td>STAT 330</td>
<td>3 COMM 110</td>
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<tr>
<td>ENGL 110 or 120 (based on placement)</td>
<td>3 CSCI 160</td>
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<td>ECON 201</td>
<td>3 ECON 202</td>
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### Sophomore

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<tr>
<td>MATH 265</td>
<td>4 MATH 266</td>
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<td>MATH 270</td>
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<td>STAT 461</td>
<td>3 Actuarial Elective (One of the following: CSCI 453, 454; ECON 341, 343, 410, 440, 456, 465, 470, 472, 476, 480, 481, 482; FIN 320, 410, 420, 450, 460)</td>
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<tr>
<td>CSCI 161</td>
<td>4 Stat 400 Elective</td>
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<td>ACCT 200</td>
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### Junior

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<tr>
<td>Fall</td>
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<tr>
<td>MATH 450</td>
<td>3 STAT 468</td>
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<td>STAT 467</td>
<td>3 MATH 300-400 Elective</td>
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<td>STAT 400 Elective</td>
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<td>Upper Level Writing</td>
<td>3 Actuarial Elective (One of the following: CSCI 453, 454; ECON 341, 343, 410, 440, 456, 465, 470, 472, 476, 480, 481, 482; FIN 320, 410, 420, 450, 460)</td>
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Mathematics and Statistics

Actuarial Elective (One of the following: CSCI 453, 454; ECON 341, 343, 410, 440, 456, 465, 470, 472, 476, 480, 481, 482; FIN 320, 410, 420, 450, 460)

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<td>STAT 400 Elective</td>
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<td>STAT 476</td>
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<td>Gen Ed Science &amp; Tech w/lab</td>
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<td>Gen Ed Science &amp; Tech</td>
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<td>Gen Ed Humanities/Fine Arts &amp; Cultural Diversity</td>
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<td>Gen Ed Wellness</td>
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<td>STAT 462 (Capstone)</td>
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**Total Credits: 123**

Students who are not ready for Math 165 may need an additional semester to complete their degree.