BIOINFORMATICS MINOR

Banner Code: BNF

Academic Advising

Colgan Hall, Room 312
Science and Technology Campus

Phone: 703-993-8400
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The minor is an interdisciplinary program consisting of required courses in biology, programming, statistics, and bioinformatics.

Admissions & Policies

Policies

Eight credits of coursework must be unique to the minor. For policies governing all minors, see AP.5.3.4 Minors.

For policies governing all undergraduate programs, see AP.5 Undergraduate Policies.

Requirements

Minor Requirements

Total credits: 19-20

Students should refer to the Admissions & Policies tab for specific policies related to this program.

Students must complete the following courses with a minimum GPA of 2.00.

Coursework

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BINF 401</td>
<td>Bioinformatics and Computational Biology I</td>
<td>3</td>
</tr>
<tr>
<td>BINF 402</td>
<td>Bioinformatics and Computational Biology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 213</td>
<td>Cell Structure and Function (Mason Core)</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 482</td>
<td>Introduction to Molecular Genetics</td>
<td>3</td>
</tr>
<tr>
<td>STAT 250 or STAT 344</td>
<td>Introductory Statistics I (Mason Core) or Probability and Statistics for Engineers and Scientists I</td>
<td>3</td>
</tr>
<tr>
<td>CS 112 or IT 306</td>
<td>Introduction to Computer Programming (Mason Core) or Data Structures and Algorithms in Java</td>
<td>3-4</td>
</tr>
</tbody>
</table>

Total Credits: 19-20