INFORMATION SCIENCES

Master of Science in Bioinformatics, Library and Information Science Concentration

A typical student will thus take 6 required courses (24 hours) 1 Biology, 1 Computer Science, 1 Fundamental Bioinformatics, and 3 Information Sciences. The student must then choose 3 courses (12 hours) of electives to complete the degree. It is strongly encouraged that up to 2 courses of these electives (8 hours) are thesis. Our expectation is that each student will arrange a custom program of study, suitable for the information management of their particular biological informatics application. Currently, this program requires students to be in residence in Champaign-Urbana.

Thesis Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CS 411</td>
<td>Database Systems</td>
<td>3-4</td>
</tr>
</tbody>
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Select one of the following:

- CHBE 571 Bioinformatics
- ANSC 542 Applied Bioinformatics
- IB 467 Principles of Systematics

One course from the approved biology list (http://www.informatics.illinois.edu/academics/bioinformatics-ms/bioinformatics-ms-core-courses) 4

Total Hours 36

Other Requirements

Other Requirements may overlap
A concentration is required.
Minimum 500-level Hours Required 12
Overall:
Minimum GPA: 3.0

Non-Thesis Option

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Total Hours 36

Other Requirements

Other Requirements may overlap
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Overall:
Minimum GPA: 3.0

For additional details and requirements refer to the unit’s Graduate Programs of Study (http://www.lis.illinois.edu/programs) and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook).