Bioinformatics, M.S.

Library and Information Science Concentration

A typical student will 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.

Library and Information Science Concentration

On-Campus Only
Thesis Option

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<th>Hours</th>
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One course in three of the following areas from the department approved list: Information Organization and Knowledge Representation; Information Resources, Uses and Users; Information Systems and Access; and Disciplinary Focus

- 4 hours of coursework from the approved list of biology courses $^1$
- 4 hours of coursework from the approved list of bioinformatics courses $^1$
- 4 hours of coursework from the approved list of computer science courses $^1$
- 4 hours of elective coursework $^1$

IS 599 Thesis Research 8

Total Hours 36

$^1$ Lists of approved coursework can be found at https://www.informatics.illinois.edu/bioinformatics-masters/#core-courses.

Other Requirements $^1$

Other Requirements may overlap

A concentration is required.

Minimum 500-level Hours Required 12

Overall:

Minimum GPA: 3.0

$^1$ For additional details and requirements, refer to the unit’s Graduate Programs of Study (https://ischool.illinois.edu/degrees-programs) and the Graduate College Handbook (https://grad.illinois.edu/gradhandbook).

Non-Thesis Option

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One course in three of the following areas from the department approved list: Information Organization and Knowledge Representation; Information Resources, Uses and Users; Information Systems and Access; and Disciplinary Focus

- 4 hours of coursework from the approved list of biology courses $^1$
- 4 hours of coursework from the approved list of bioinformatics courses $^1$
- 4 hours of coursework from the approved list of computer science courses $^1$
- 12 hours of elective coursework

Total Hours 36

$^1$ Lists of approved coursework can be found at https://www.informatics.illinois.edu/bioinformatics-masters/#core-courses.

Other Requirements $^1$

Other Requirements may overlap

A concentration is required.

Minimum 500-level Hours Required 12

Overall:

Minimum GPA: 3.0

$^1$ For additional details and requirements, refer to the unit’s Graduate Programs of Study (https://ischool.illinois.edu/degrees-programs) and the Graduate College Handbook (https://grad.illinois.edu/gradhandbook).