

BIOINFORMATICS, MS

for the degree of Master of Science in Bioinformatics

Information Sciences (<http://catalog.illinois.edu/graduate/is/concentration/information-sciences/bioinformatics/>)

Admissions

Graduate College Admissions Requirements (<https://grad.illinois.edu/admissions/apply/>)

Students pursuing this major must choose one of these concentrations:

Animal Sciences (<http://catalog.illinois.edu/graduate/aces/concentration/animal-sciences/bioinformatics/>)
 Crop Sciences (<http://catalog.illinois.edu/graduate/aces/concentration/crop-sciences/bioinformatics/>)
 Computer Science (<http://catalog.illinois.edu/graduate/engineering/concentration/computer-science/bioinformatics/>)
 Information Sciences (<http://catalog.illinois.edu/graduate/is/concentration/information-sciences/bioinformatics/>)

The MS degree can be taken in a thesis or non-thesis format, depending on the department. For either format, the research adviser must be affiliated with the Bioinformatics program.

Admission

Applicants must hold a bachelor's degree equivalent to that granted by the University of Illinois Urbana-Champaign. The recommended background for graduate students entering the Bioinformatics degree program is a bachelor's or master's degree in life sciences, computer and mathematical sciences, or engineering, with a minimum of five hours of molecular and cell biology, six hours of general chemistry, nineteen hours of mathematics and statistics, and three hours of introduction to computing. Prerequisites vary somewhat for the different departmental concentrations. Students should view the web page of the specific department they wish to apply to for detailed information about admission criteria and degree requirements. Those links are below:

- Department of Animal Sciences (<http://www.ansci.illinois.edu>)
- Department of Computer Science (<http://cs.illinois.edu>)
- Department of Crop Sciences (<http://www.cropsci.illinois.edu>)
- School of Information Sciences (<http://ischool.illinois.edu>)

Financial Aid

Fellowships, research assistantships, and teaching assistantships (all of which include tuition and partial fee waivers) are awarded on a competitive basis by the admitting department. All applicants, regardless of U.S. citizenship, whose native language is not English and who wish to be considered for teaching assistantships must submit minimum test scores (<https://grad.illinois.edu/admissions/taengprof.htm>) as determined by university policy.

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Bioinformatics Program

Bioinformatics website (<https://informatics.ischool.illinois.edu/bioinformatics-masters/>)

Contact the individual departments listed below

Animal Sciences (<http://catalog.illinois.edu/graduate/aces/concentration/animal-sciences/bioinformatics/>)
 Crop Sciences (<http://catalog.illinois.edu/graduate/aces/concentration/crop-sciences/bioinformatics/>)
 Computer Science (<http://catalog.illinois.edu/graduate/engineering/concentration/computer-science/bioinformatics/>)