Master of Science in Bioinformatics Plan of Study (prior to Fall 2012)

Note: these requirements are for students who began prior to the fall 2012 semester.

You have the options of taking

- Six credit hours towards a thesis
- Three credit hours towards a project

Core Courses (15 cr.)
- INFO-B 501 Introduction to Informatics (3 cr.)
- INFO-B 519 Introduction to Bioinformatics (3 cr.)
- INFO-B 556 Biological Database Management (3 cr.)
- CSCI 59000 Algorithms in Bioinformatics (3 cr.)
- INFO-B 575 Informatics Research Design (3 cr.)

Advanced Courses (12 cr.)
Select four:
- INFO-B 529 Machine Learning in Bioinformatics (3 cr.)
- INFO-B 619 Structural Bioinformatics (3 cr.)
- INFO-B 646 Computational System Biology (3 cr.)
- INFO-B 656 Translational Bioinformatics Applications (3 cr.)
- GRAD-G 652 Biostatistics II (3 cr.)
- NURS-N 607 Advanced Statistics (3 cr.)

Seminar Course (3 cr.)
- INFO-B 532 Seminar in Bioinformatics (3 cr.)

Thesis/ Project (0 – 6 cr.)
- INFO-B 692 Bioinformatics Project (3 cr.)
- INFO-B 692 Bioinformatics Thesis (6 cr.)

Electives

You may take other INFO graduate courses, including independent study (INFO-B 552), as electives. You may also take up to six credits outside the School of Informatics and Computing, in addition to CSCI 59000, GRAD-G 652 and NURS-N 607.