# Master of Science in Bioinformatics, Chemical and Biomolecular Engineering Concentration

## Thesis Option

- One course in Bioinformatics from approved list (http://www.informatics.illinois.edu/academics/bioinformatics-ms/bioinformatics-ms-core-courses) 4
- One course in Biology from approved list (http://www.informatics.illinois.edu/academics/bioinformatics-ms/bioinformatics-ms-core-courses) 4
- CS 411 Database Systems 4
  or CS 473 Fundamental Algorithms 4
- CHBE 572 Metabolic Systems Engineering and Lab Techs in Bioinformatics 6
- CHBE 599 Thesis Research (min/max applied toward degree) 4

Total Hours 32

## Other Requirements

Other requirements may overlap

A concentration is required.

Minimum 500-level Hours Required 12

Overall:

Minimum GPA: 2.75

1 For additional details and requirements refer to the department's degree programs information (http://chbe.illinois.edu/graduate-program) and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook).

## Non-Thesis Option

- One course in Bioinformatics from approved list (http://www.informatics.illinois.edu/academics/bioinformatics-ms/bioinformatics-ms-core-courses) 4
- One course in Biology from approved list (http://www.informatics.illinois.edu/academics/bioinformatics-ms/bioinformatics-ms-core-courses) 4
- CS 411 Database Systems 4
  or CS 473 Fundamental Algorithms 4
- CHBE 572 Metabolic Systems Engineering and Lab Techs in Bioinformatics 6

Total Hours 36

## Other Requirements

Other requirements may overlap

A concentration is required.

Minimum 500-level Hours Required 12

Overall:

Minimum GPA: 2.75

1 For additional details and requirements refer to the department's degree programs information (http://chbe.illinois.edu/graduate-program) and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook).