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
CHBE 572 Metabolic Systems Engineering 6
& CHBE 580 and Lab Techs in Bioinformatics
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

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
CHBE 572 Metabolic Systems Engineering 6
& CHBE 580 and Lab Techs in Bioinformatics

Total Hours 36

Other Requirements

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

Minimum GPA: 2.75

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).