Master of Science in Bioinformatics and Computational Biology

Curriculum
The Master of Science in Bioinformatics and Computational Biology (BCBM) is offered jointly by the Departments of Biological and Mathematical Sciences. This program combines coursework from the disciplines of biology, computer science, mathematics and statistics. The BCBM program seeks to answer the demand for a new breed of scientist who has fundamental understanding in the fields of biology, mathematics, statistics and computer science. With this interdisciplinary training, these scientists will be well prepared to meet the demand and challenges that have arisen and will continue to develop in the biotechnology arena.

Faculty from both Mathematical Sciences and Biological Sciences participate in the bioinformatics and computational biology program, with the Mathematical Sciences department serving as the administrative unit. Scholarships are available for qualified applicants on a competitive basis. Scholarships are available for qualified applicants on a competitive basis.

Career Options
Graduates of the program seek positions such as: medical researcher, epidemiologist, pharmaceutical researcher, research scientist, bioinformatics developer and analyst, bioinformatics scientist, bioinformation programmer and other positions in the fields including:

- Pharmaceuticals
- Medical Technology
- Biotechnology
- Systems and Computational Biology
- Genomics, Proteomics and Metabolomics
- Computer and Information Science
- Biology
- Medical Information

Degree Program
The MS in Bioinformatics and Computational Biology requires the completion of a minimum of 36 semester credit hours.

For complete admission and degree requirements, view the Graduate Catalog at catalog.utdallas.edu.

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