

Master of Science in Bioinformatics

Requirements: 10 courses, 30 credits

Required Courses:

RBIF 100 Bioinformatics Scripting and Databases with Python
RBIF 102 Molecular Biology, Genetics, and Disease
RBIF 109 Biological Sequence Analysis
RBIF 111 Biomedical Statistics with R
RBIF 112 Mathematical Modeling for Bioinformatics
RBIF 114 Molecular Profiling and Biomarker Discovery

Electives (choose four):

RBIF 101 Structural Bioinformatics
RBIF 106 Drug Discovery and Development
RBIF 108 Computational Systems Biology
RBIF 110 Cheminformatics
RBIF 115 Statistical Genetics
RBIF 120 Research Topics in Computational Biology
RBIF 290 Special Topics in Bioinformatics