

NU BME CONCENTRATIONS

Computational Analysis in BME

Computational Modeling of Biomedical Processes

BMD_ENG 311-0	<i>Computational Genomics</i>
BMD_ENG 312-0	<i>Biomedical Applications in Machine Learning</i>
CHEM_ENG 379-0	<i>Computational Biology: Analysis & Design of Living Systems</i>
ES_APPM 375	<i>Quantitative Biology</i>
ES_APPM 472-0	<i>Introduction to the Analysis of RNA Sequencing Data</i>
BMD_ENG 414	<i>Deep Learning for Biomedical Imaging</i>
BIOL_SCI 323	<i>Bioinformatics: Sequence and Structure Analysis</i>

Machine Learning & Artificial Intelligence

COMP_SCI 349	<i>Machine Learning</i>
ELEC_ENG 495	<i>Optimization Techniques for Machine Learning and Deep Learning</i>
ELEC_ENG 475	<i>Machine Learning: Foundations, Applications, and Algorithms</i>
BMD_ENG 312-0	<i>Biomedical Applications in Machine Learning</i>
COMP_SCI 348-0	<i>Introduction to Artificial Intelligence</i>
ELEC_ENG 473-0	<i>Deep Reinforcement Learning from Scratch</i>
ELEC_ENG 433-0	<i>Statistical Pattern Recognition</i>
ELEC_ENG 435-0	<i>Deep Learning Foundations from Scratch</i>
MECH_ENG 469-0	<i>Machine Learning and Artificial Intelligence for Robotics</i>