Fall 2024 Courses

Full Semester

BIT 410/510
Manipulation of Recombinant DNA
Lecture: 12:50 PM - 2:40 PM
Lab: 12:50 PM - 5:50 PM
Section: 001/201
M/W
Srougi
Section: 003/203
W/F
Bullock
Section: 002/202
Tu/Th
Huggins

BIT 100
Current Topics in Biotechnology
Section: 001/201
Tu/Th: 8:30 - 11:15 AM
Cartwright and Srougi

BIT 210
Phage Hunters
Section: 101/201
Tu/Th: 8:30 - 11:15 AM
Mathews

BIT 402/502
Networking and Professional Development
Section: 001
Virtual
Chen

BIT 501
Ethical Issues in Biotechnology
Section: 601
W: 10:40 AM - 12:30 PM
Brown and Bullock

BIT 811
Molecular Biotechnology Professional Development (MBTP)
Section: 001
F: 10:40 AM - 12:30 PM
Kelly

Session 1 (8 weeks)

BIT 473/573
Protein Interactions
Section: 001/201
Tu: 3:00 PM - 4:50 PM
Th: 12:50 PM - 5:50 PM
Chen

BIT 495/595
Genome Engineering: CRISPR Technologies
Section: 002/202
M: 12:50 PM - 5:50 PM
Brown

BIT 495/595
Illuminating Disease with Chemical Biology
Section: 001
M/W: 8:30 AM - 12:00 PM
Fikes

BIT 495/595
Experimental Assay Design
Section: 002/202
Th: 12:50 PM - 2:40 PM
Tu: 12:50 PM - 5:50 PM
Noel

BIT 495/595
Flying Beyond Transcriptome: Transcriptional Regulation and Gene Networks
Section: 004/204
M: 3:00 - 4:50 PM
W: 12:50 PM - 5:50 PM
Cartwright

BIT 495/595
Portable Genome Sequence
Section: 006/206
T: 12:50 - 5:50 PM
Th: 12:50 PM - 2:40 PM
Goller

Session 2 (8 weeks)

BIT 474/574
Plant Genetic Engineering
Section: 001/201
Th: 3:00 PM - 4:50 PM
Tu: 12:50 PM - 5:50 PM
Bullock

BIT 477/577
Metagenomics
Section: 001/201
Th: 12:50 PM - 2:40 PM
Tu: 12:50 PM - 5:50 PM
Goller

BIT 482/582
Virus Biotechnology: Pathogens to Therapeutics
Section: 001/201
Th: 3:00 PM - 4:50 PM
Tu: 12:50 PM - 5:50 PM
Brown and Chen

BIT 495/595
Found in Translation: Mechanisms of Post-Transcriptional Regulation
Section: 008/208
M: 3:00 PM - 4:50 PM
W: 12:50 PM - 5:50 PM
Haggerty

BIT 495/595
Quantitative Microscopy and Image Analysis
Section: 009/209
Tu: 3:00 PM - 4:50 PM
Th: 12:50 PM - 5:50 PM
Haggerty

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Introduction to molecular biology and protein chemistry. Theory behind laboratory techniques and overview of molecular cloning strategies. This course is a prerequisite for advanced BIT laboratory modules.