

## 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** Section: **002/202**

**M/W** **Tu/Th**

Srougi Huggins

Section: **003/203** Section: **604/704**

**W/F** **M/W (DE/online)**

Bullock Haggerty and Noel

**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.**



### 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



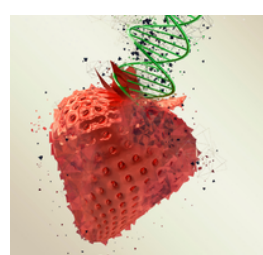
### BIT 402/502

#### 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

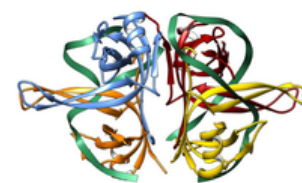
#### Molecular Biotechnology Professional Development (MBTP)

Section: **001**

**F:** 10:40 AM - 12:30 PM

Kelly

## Session 1 (8 weeks)



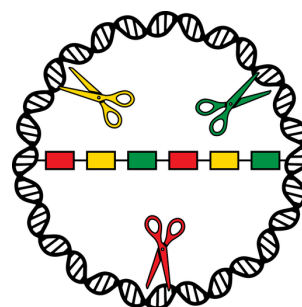
### BIT 473/573

#### Protein Interactions

Section: **001/201**

**Th:** 3:00 PM - 4:50 PM **Tu:** 12:50 PM - 5:50 PM

Chen



### BIT 495/595

#### Genome Engineering: CRISPR Technologies

Section: **002/202**

**W:** 3:00 PM - 4:50 PM **M:** 12:50 PM - 5:50 PM

Brown



### BIT 495/595

#### Illuminating Disease with Chemical Biology

Section: **001/201**

**M/W:** 8:30 AM - 12:00 PM

Fikes



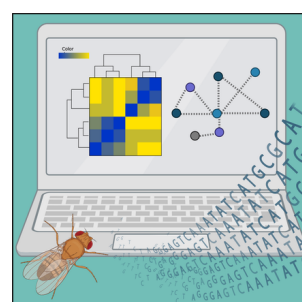
### BIT 495/595

#### Experimental Assay Design

Section: **002/202**

**Th:** 12:50 PM - 2:40 PM **Tu:** 12:50 PM - 5:50 PM

Noel



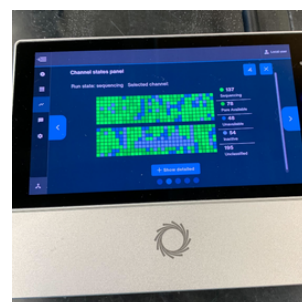
### BIT 495/595

#### Fly-ing 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

### For Questions:

**Contact: Dr. Carlos Goller**

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**Website:**

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### Socials:

**X (Twitter):** @NCSUBIT

**Instagram:** @NCSUBIT

**LinkedIn:** NCSU BIT

## Session 2 (8 weeks)



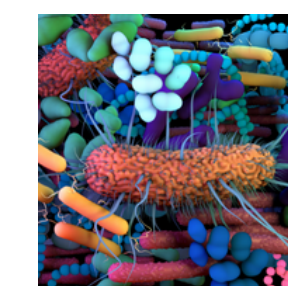
### BIT 474/574

#### Plant Genetic Engineering

Section: **001/201**

**Th:** 3:00 PM - 4:50 PM **Tu:** 12:50 PM - 5:50 PM

Bullock



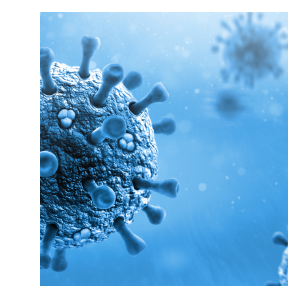
### BIT 477/577

#### Metagenomics

Section: **001/201**

**Th:** 12:50 PM - 2:40 PM **Tu:** 12:50 PM - 5:50 PM

Goller



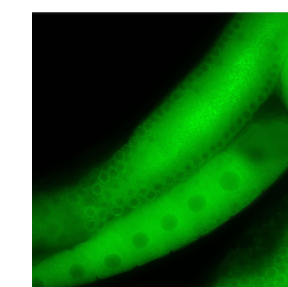
### BIT 482/582

#### 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

Huggins



### 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

### Instructor Emails:

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