

## **Bisc 507: Cell Biology of Cancer**

### **Biology**

The genetic and molecular basis of cancer will be explored, with emphasis on cellular events that are dysregulated in cancer, including gene regulation, genome maintenance, cell cycle control, programmed cell death, differentiation, and growth. Recent advances in diagnosis and therapy will also be discussed. (3 lecture hours).

3 Credits

### **Prerequisites**

- [Bisc 160: Biological Sciences I](#) (Minimum grade: C)
- [Bisc 161: Biological Sciences I Laboratory](#) (Minimum grade: C)
- [Bisc 162: Biological Sciences II](#) (Minimum grade: C)
- [Bisc 163: Biological Sciences II Laboratory](#) (Minimum grade: C)
- [Chem 105: General Chemistry I](#) (Minimum grade: C)
- [Chem 106: General Chemistry II](#) (Minimum grade: C)
- Prerequisite: Junior standing (60 hr).
- Prerequisite Bisc 372 (Minimum grade - C) OR Bisc 440 (Minimum grade - C)

### **Instruction Type(s)**

- Lecture: Lecture for Bisc 507

### **Subject Areas**

- [Cell/Cellular and Molecular Biology](#)

### **Related Areas**

- [Anatomy](#)
- [Cell/Cellular Biology and Anatomical Sciences, Other](#)
- [Cell/Cellular Biology and Histology](#)
- [Developmental Biology and Embryology](#)

