

## **BG 220 - Genetics**

3 Credit Hours

This course begins with the fundamentals of cell division and focuses on modes of inheritance of traits, beginning with Mendel's pea plants and stressing extensions and exceptions to Mendel's principles. Topics in population genetics, mutation, and molecular evolution will also be explored. Problem-solving and critical thinking skills are emphasized. Virtual and hands-on exercises will enable students to explore how traits are examined and how our understanding of genetics is constantly improving.

### **Prerequisites**

[GC 111](#) [BG 110](#)