

BOT 101 : General Botany

Credits: 3

Class Hours: 3 lecture

Corequisite Courses:

BOT 101L

Recommended: Qualified for ENG 100S.

Description: This course covers the structure, growth, functions, and evolution of plants and their relationship to the environment and human activities. The course will give the student an overall view of the plant kingdom and the integral part that they play in life.

Semester Offered: Fall

Designation:

Diversification: Biological Sciences — DB

Course Student Learning Outcomes (CSLOs):

1. Discuss the principles of plant reproduction and genetics including methods of plant reproduction, Mendelian genetics, mitosis and meiosis, and the evolutionary relationship between plants and their pollinators.
2. Demonstrate an understanding and use of plant taxonomy.
3. Discuss the importance of plants to people including historical, cultural, environmental, and economic impacts.
4. Demonstrate an understanding of fundamental plant anatomy and plant physiology.
5. Demonstrate an understanding and use of the Scientific Method by conducting experiments, collecting and interpreting data, and organizing and presenting a directed research project in botany.