

Course # BIOL 104 General Biology 2 Lab

Credit Hours: 1

Scheduled hours per week

Lecture: 0

Lab: 2

Catalog Course Description: Laboratory studies in general biology that include evolution and systematics, a survey of organism diversity, and basic plant and animal anatomy.

Pre-requisites: None

Co-requisites: BIOL 102

Course Learning Outcomes (CLO):

- Describe the basic principles of taxonomy and systematics.
- Ability to interpret simple cladograms.
- Ability to classify representative organisms into proper taxonomic ranks.
- Describe the basic differences between prokaryotic and eukaryotic organisms, viruses.
- Identify the identifying characteristics of each eukaryotic kingdom, phylum, and class studied.
- Explain the significant features and functions of all tissues, organs, and organ systems studied.
- Compare tissues, organs, or organ systems of designated species.

CLO Assessment Methods:

Direct: Lab activities, exams, quizzes, written papers, projects

Indirect Methods: Course Evaluations

Topics to be studied:

- Lab safety
- Population genetics
- Systematics
- Prokaryotes
- Protists
- Plants

- Invertebrates
- Vertebrates
- Mammalian anatomy and physiology

Relationship of Course to Program Learning Outcomes (PLO) or Institutional Learning Outcomes:

Check if approved as: Foundational Learning Course Reinforcement Learning Course

Special requirements of the course:

N/A

Additional information:

N/A

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