

# NATURAL SYSTEMS AND PROCESSES (LAB)

---

Students must complete a minimum of two 3-credit NSP courses.

At least one of the courses taken in this area must have a laboratory component. Note: Non-approved LASC lab (NLL) courses do not meet the requirement for a LASC LAB course.

Courses in this area:

- Study physical and natural systems and processes.
- Apply scientific models, theories, and technology to problems facing society.
- Have an analytical and/or quantitative component and include interpretation, communication and/or presentation of data and results.
- Compare and contrast various modes of scientific inquiry.
- Place scientific inquiry within its historical and contemporary contexts.
- Use and reflect on the scientific method of investigation.
- Address the strengths and limitations of scientific inquiry in human understanding.
- Encourage students to become scientifically literate citizens and be able to evaluate scientific information.

Code	Title	Credits
BI-101	Concepts of Biology	4
BI-104	The Human Animal Laboratory	1
BI-116	Animal Biology	4
BI-117	Humans and the Environment	4
BI-118	Dinosaurs	4
BI-130	Field Biology	4
BI-140	Introduction to Organismal Biology	4
BI-141	Intro to Cellular and Molecular Biology	4
BI-162	Human Anatomy and Physiology II	4
BI-206	Medical Microbiology	4
BI-354	Systematics and Evolution	4
BI-380	Biodiversity and Conservation Biology	4
BT-101	Introduction to Forensic Sciences	4
CH-112	Survey of Chemistry	4
CH-435	Advanced Laboratory Experience	2
EV-120	Integrated Environmental Science for Educators	4
EV-380	Biodiversity and Conservation Biology	4
GS-140	Physical Geology	4
GS-180	Field Geoscience	4
PB-200	Introduction to Psychobiology	4
PY-105	Concepts in Physics I	3
PY-221	General Physics I	4
PY-222	General Physics II	4
PY-241	Physics I (Mechanics)	4
PY-242	Physics II ( Electricity, Magnetism and Optics )	4
PY-250	Observational Astronomy	3