NATURAL SYSTEMS AND PROCESSES (NSP)

(minimum of 6 credits)

Students must complete a minimum of two 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 NSP 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-103	The Human Animal	3
BI-104	The Human Animal Laboratory	1
BI-111	Social Biology	3
BI-112	Diseases and Mankind	3
BI-114	Plants and Human Affairs	3
BI-116	Animal Biology	4
BI-117	Humans and the Environment	4
BI-118	Dinosaurs	4
BI-119	Biology of Sex	3
BI-120	Darwinian Revolution	3
BI-125	Women in Science	3
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-271	Basic Kinesiology	3
BT-101	Introduction to Forensic Sciences	4
CD-110	Anatomy and Physiology of Speech And Hearing	3
CD-230	Neuroscience for Communication Sciences and Disorders	3
CH-106	Paper Or Plastics?	3
CH-112	Survey of Chemistry	4
CH-250	Instrumental Technology for Forensic Analysis	4
EV-120	Integrated Environmental Science for Educators	4
EV-130	Environmental Problems and Solutions	3
EV-150	Environmental Science	3
EV-218	Introduction to Remote Sensing	3
EV-348	Fundamentals of Earth Data Analytics	4
GS-101	Physical Geography	3
GS-110	Meteorology	3
GS-140	Physical Geology	4
GS-150	Humans and the Cold Regions	3
GS-165	Geographic Information Systems I	4
GS-218	Introduction to Remote Sensing	3
GS-348	Fundamentals of Earth Data Analytics	4
HC-203	Introduction to Epidemiology	3
HE-270	Psychopharmacology	3
HI-334	Environmental Crisis and Management in China	3
PB-200	Introduction to Psychobiology	4
PH-220	Philosophy of Mind	3
PH-237	Philosophy of Space and Time	3
PO-311	Environmental Politics and Policy	3
PO-334	Environmental Crisis and Management in China	3
PS-270	Psychopharmacology	3
PY-101	Introduction to Astronomy	3
PY-105	Concepts in Physics I	3
PY-106	Concepts in Physics II	3
PY-112	Physics in Art	4
PY-114	Physics of Waves	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