

SCEN - COLLEGE OF SCIENCE (SCEN)

SCEN 100 First Year Seminar

Credits 0. 0 Lecture Hours. 0 Lab Hours. 0 Other Hours.

Development of self-efficacy, self-awareness, and sense of purpose; actively engage in learning environment inside and outside the classroom; become socially integrated within the university community.
Prerequisite: First time in college student pursuing a major in the College of Science.

SCEN 101 Contemporary Issues in Science - Cosmos, Earth and Humanity

Credits 3. 3 Lecture Hours.

Science for citizens; interdisciplinary survey of contemporary issues in the science of our universe or cosmos, Earth and humanity, including the big bang, evolution, genetics, vaccines and drugs; future outlook on humanity, including artificial intelligence, cryptography and cybersecurity; critically analyze science presented in the news, on television and on social media; ethical implications of research.

SCEN 102 Contemporary Issues in Science - The Environment

Credits 3. 3 Lecture Hours.

Science for citizens; interdisciplinary survey of contemporary issues in and future outlook on the science of our environment, including climate change, energy, plastics, agriculture, and food and water safety; future outlook on the health of our environment; critically analyze science presented in the news, on television and on social media.

SCEN 201 Experiences In Secondary Math and Science Classrooms

Credit 1. 1 Lecture Hour. 1 Lab Hour.

Field based with emphasis on culture of secondary schools through experiences in science, technology, engineering or math classrooms; focuses on characteristics, behaviors and traits of effectively teaching adolescents in diverse middle and high school settings; educational standards, high-stakes testing and research based teaching strategies.
Prerequisite: Major in science or mathematics related field or approval of instructor.

SCEN 289 Special Topics in...

Credits 0 to 3. 0 to 3 Lecture Hours. 0 to 3 Lab Hours.

Selected topics in an identified area of science. May be repeated for credit.

Prerequisites: Freshman or sophomore classification and approval of instructor.

SCEN 292 Cooperative Education in Science

Credits 0 to 2. 0 to 2 Other Hours.

Educational work assignment by a student in the field of his or her career interest and course of study. Supervision of the student will be by the cooperating employer and the instructor. A technical report, approved by the instructor, on a related subject area will be required.

Prerequisite: Approval of the college coordinator of cooperative education.

SCEN 301 College of Science Study Abroad

Credits 0 to 18. 0 to 18 Other Hours.

For student in approved programs abroad. May be repeated for credit.

Prerequisites: Admission to approved program and approval of academic dean.

SCEN 302 Science Leadership Scholars to Paris

Credit 1. 1 Lecture Hour.

Examination of the history, culture and scientific heritage of France and comparison to Texas A&M, Texas and the United States; examination of how the cultural lens affects perception of the world; examination of ways to travel as a temporary local and embracing different cultures; reflection on the study-abroad experience. Must be taken on a satisfactory/unsatisfactory basis.

Prerequisite: Grade of C or better in BIOL 213, BIOL 214, CHEM 227, MATH 221, PHYS 221, or STAT 211; Science Leadership Scholar in the College of Science; junior classification.

SCEN 392 Cooperative Education in Science

Credits 2. 20 Other Hours.

Educational work assignment by a student in the field of his or her career interest and course of study. Supervision of the student will be by the cooperating employer and the instructor. A technical report, approved by the instructor, on a related subject area will be required.

Prerequisite: Approval of the college coordinator of cooperative education.

SCEN 489 Special Topics in...

Credits 1 to 4. 0 to 4 Lecture Hours. 0 to 8 Lab Hours.

Selected topics in an identified area of science. May be repeated for credit.

Prerequisites: Junior or senior classification and approval of instructor.

SCEN 492 Cooperative Education in Science

Credits 0 to 2. 0 to 2 Other Hours.

Educational work assignment by a student in the field of his or her career interest and course of study. Supervision of the student will be by the cooperating employer and the instructor. A technical report, approved by the instructor, on a related subject area will be required.

Prerequisite: Approval of the college coordinator of cooperative education.