

# SCEN - COLLEGE OF SCIENCE (SCEN)

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## 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 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.