CLIMATE CHANGE STUDIES (CCS)

CCS 102 - Intro to Energy Systems II. 3 Credits.
Offered spring. Prereq., NRG 101 or consent of instructor. A survey of renewable energy systems and technologies. Addresses physical and technical aspects of wind, solar, geothermal, hydro, tidal, biological, and wave energy systems. Consideration is given to engineering, economic, social, environmental, and political factors that determine implementation and sustainability.

CCS 103X - Introduction to Climate Change: Science & Society. 3 Credits.
Offered autumn. This is an introductory and foundational course on the scientific and social dimensions of global climate change. The goal of this course is to provide students with a basic understanding of the fundamental scientific, social, political and technological issues arising from rapid climatic change. As a result, it provides students with a breadth of knowledge and builds connectedness across these varied dimensions of the complex global issue.
Gen Ed Attributes: Cultural & International Diversity

CCS 191 - Special Topics. 1-12 Credits.
(R-12) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

CCS 295 - Field Work/Practicum. 1-9 Credits.
(R-9) Offered intermittently.

CCS 298 - Internship. 2 Credits.
Offered every term. Consent of instructor required. Extended classroom experience providing practical application of classroom learning through on the job training in a student's field of study. This experience increases student skills, prepares them for initial employment, and increases occupational awareness and professionalism.

CCS 352 - Climate Field Studies. 3 Credits.
Offered summer. This is an interdisciplinary field course focused on climate change impacts and adaptation. Through site visits and meetings with key decision-makers, students gain knowledge of projected impacts due to climate change (water availability, wildfire, beetle kill, biodiversity), the impacts to various sectors of human society (land management, food and water security, economic stability, and livelihoods), and different mitigation and adaptation responses.

CCS 391 - Special Topics. 1-12 Credits.
(R-12) Offered intermittently. Experimental offerings of visiting professors, experimental offerings of new courses, or one-time offerings of current topics.

CCS 395 - Climate Changes Practicum. 2-4 Credits.
Offered autumn and spring. Prereq., consent of instructor. Provides an opportunity for students to design and implement a capstone project involving creative solutions to climate change.

CCS 398 - Climate Change Internship/SERV. 2-4 Credits.
(R-6) Offered autumn and spring. This course gives students an opportunity to gain hands-on, "real world" experience working with a local, regional, national or international group to address climate change. Students gain supervised, practical work experience with specific projects and organizations; create a network of professional contacts; and have opportunity to apply ideas and approaches studied in the Climate Change Studies minor.

CCS 494 - Climate Change Study Seminar. 1-4 Credits.
Offered intermittently. A seminar on a current climate change topic. Level: Undergraduate

CCS 495 - Special Topics. 1-9 Credits.
(R-9) Offered intermittently. Experimental offering of visiting professors, experimental offerings of new courses or one time offerings of current topics. Level: Undergraduate