

PSY 440 - Methods/Labs Experimental Psy Credits: 5.00

This course reviews experimental methods in psychology. Students will participate in experiments using a set of computerized studies. The course will cover background literature searches, experimental methods, ethical treatment of participants, data analysis, discussion and interpretation of findings, and writing laboratory reports. The course will culminate with a proposal for an experiment. Prerequisite: PSY 222, completion of the Psychology 300-level core (25 credits), and PSY/STAT 327.

Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

PSY 441 - Project In Experimental Psy Credits: 5.00

Student's will revise an individualized research proposal, collect and analyze data, and write a professional style research paper based on their findings. Prerequisite: PSY 222, PSY/STAT 327, PSY 440 and completion of the Psychology 300-level core (25 credits).

Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

PSY 451 - Clinical Intervention Credits: 5.00

An overview of intervention techniques used in clinical psychology including crisis intervention, individual and group therapy, desensitization training, and relationship development, and ethics. Prerequisite: PSY 350.

Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

PSY 453 - Principles Behavior Analysis Credits: 5.00

(Writing Intensive) Study of behavioral principles and their application to human behavior change in a

variety of settings. Prerequisite: PSY 343.

Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

PSY 460 - Experimental Psychology Credits: 5.00

(Capstone) Advanced study of experimental design, ethical issues in research, and data analysis. Students will review the literature and conduct an approved research project on a topic of interest. Completed projects will be presented in a poster session. Prerequisite: Completion of all 300-level requirements.

Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

PSY 470 - Philosophical Psychology Credits: 5.00

This course reflects the historic overlap between philosophy and psychology and assumes that these disciplines can learn from each other, both in terms of substantive content and also methodological perspective. Research on the philosophy of mind should be informed by work in psychology, evolutionary biology, and cognitive science. Prerequisite: PSY 335 or PSY 357.

Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

PSY 510 - Selected Topics Credits: 1.00 to 6.00

Topics of current interest to students and faculty, such as advanced data analysis, learning, research, and applications. Prerequisite: May be required for some courses.

Restrictions: May not be enrolled in one of the following Level(s): Denied Adm Undergraduate, Non-Admitted Undergraduate, Undergraduate. Must be enrolled in one of the following Class(es): Graduate, Non-Admitted Graduate, Post-Baccalaureate

Eastern Oregon University

Science

OBJECTIVES

General Science course offerings provide opportunities for students to explore a variety of interdisciplinary topics in the sciences.

GENERAL SCIENCE COURSE DESCRIPTIONS

**SCI 101 - Scientific Methods*N/CP Credits: 4.00
Gen Ed-Natural Science****New Gen Ed-Crit Think/Prob Sol**

The course is designed to provide students with a broad background in the physical sciences with emphasis on the scientific method. The curriculum stresses both theoretical principles and applications of concepts using experimentation as a vehicle for

modeling scientific process. This course is especially suited for those students preparing for elementary school science teaching.

SCI 101L - Scientific Method Lab Credits: .00**SCI 102 - Energy & Work*N/CP Credits: 4.00
Gen Ed-Natural Science****New Gen Ed-Crit Think/Prob Sol**

The course is designed to provide students with a broad background in the physical sciences with emphasis on the scientific method. The curriculum stresses both theoretical principles and applications of concepts using experimentation as a vehicle for modeling scientific process. This course is especially suited for those students preparing for elementary school science teaching.

SCI 102L - Energy & Work Lab Credits: .00
Lecture: .00

SCI 103 - Matter*N/CP Credits: 4.00
Gen Ed-Natural Science
New Gen Ed-Crit Think/Prob Sol

The course is designed to provide students with a broad background in the physical sciences with emphasis on the scientific method, basic chemistry. The curriculum stresses both theoretical principles and applications of concepts using experimentation as a vehicle for modeling scientific process. This course is especially suited for those students preparing for elementary school science teaching.

SCI 103L - Matter Lab Credits: .00

SCI 110 - Selected Topics Credits: 1.00 to 6.00
Provides flexibility in offerings within various science areas.

SCI 200I - Intact Credits: 1.00

SCI 207 - Seminar Credits: 1.00 to 15.00

SCI 208 - Workshop Credits: 1.00 to 6.00

SCI 209 - Field Placement Credits: 1.00 to 15.00
A planned and supervised work experience at an introductory level designed to offer students opportunity to explore or finalize career goals. The work experience extends the student's learning experience beyond the classroom through approved learning objectives.

SCI 210 - Selected Topics Credits: 1.00 to 6.00
Provides flexibility in offerings within various science areas.

SCI 215 - Health Care Term I Credits: 1.00

SCI 216 - Health Care Term II Credits: 1.00

SCI 219 - Plants & People Credits: 3.00

SCI 221 - Intro To Astronomy*N Credits: 3.00
Gen Ed-Natural Science
An overview of the history of astronomy, structure and evolution of the solar system, stellar systems and evolution, galactic structure, interstellar medium, cosmology, astronomical instrumentation. Prerequisite: MATH 095 or higher or consent of instructor.

SCI 241 - Environmental Science Credits: 4.00
Human and environment interrelationships. Human population growth, food needs and production; energy and resource supply and demand; pollution; extinction; economic political and social influences. Prerequisite: BIOL 103 or BIOL 213 or BOT 202.

SCI 310 - Selected Topics Credits: 1.00 to 6.00
Provides flexibility in offerings within various science areas. Prerequisite: Completion of 45 hours of college credit.

SCI 312 - Pharmacology Credits: 4.00
Introduction to general drug categories with emphasis on major drug groups; antibiotics, autonomic drugs, cardiovascular drugs, and central nervous system drugs. Prerequisite: 12 hours of college level biology and chemistry or equivalent.

SCI 317 - Adv Science Writing Credits: 3.00
Advanced study of writing in the scientific disciplines. Students will analyze professional discourses from various scientific disciplines using fundamental and advanced rhetorical theories. Students will compose scientific discourses in several genres, such as research articles, research proposals, and review articles, and will also learn about and practice editing and preparing a manuscript for submission to a publication.

SCI 401 - Research Credits: 1.00 to 15.00
Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

SCI 405 - Reading & Conference Credits: 1.00 to 15.00
Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

SCI 407 - Seminar Credits: 1.00 to 15.00
Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

SCI 408 - Workshop Credits: 1.00 to 6.00
Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

SCI 409 - Field Placement Credits: 1.00 to 15.00
Supervised experience (while enrolled in college) designed to offer opportunity to explore career areas and learning situations through field placement that parallels one's academic major. Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

SCI 410 - Selected Topics Credits: 1.00 to 6.00
Provides flexibility in offerings within various science areas. Prerequisite: Completion of 90 hours of college credit. Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

SCI 410L - Lab Credits: .00
Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

SCI 411 - Hist of Science Credits: 3.00
Brief history of the development of science, its social implications and the growth of scientific method and spirit. Prerequisite: Completion of 90 hours of course work. Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

SCI 501 - Research Credits: 1.00 to 15.00

Restrictions: May not be enrolled in one of the following Level(s): Denied Adm Undergraduate, Non-Admitted Undergraduate, Undergraduate. Must be enrolled in one of the following Class(es): Graduate, Non-Admitted Graduate, Post-Baccalaureate

SCI 505 - Reading & Conference Credits: 1.00 to 15.00

Restrictions: May not be enrolled in one of the following Level(s): Denied Adm Undergraduate, Non-Admitted Undergraduate, Undergraduate. Must be enrolled in one of the following Class(es): Graduate, Non-Admitted Graduate, Post-Baccalaureate

SCI 507 - Seminar Credits: 1.00 to 15.00

Restrictions: May not be enrolled in one of the following Level(s): Denied Adm Undergraduate, Non-Admitted Undergraduate, Undergraduate. Must be enrolled in one of the following Class(es): Graduate, Non-Admitted Graduate, Post-Baccalaureate

SCI 510 - Selected Topics Credits: 1.00 to 6.00

Restrictions: May not be enrolled in one of the following Level(s): Denied Adm Undergraduate, Non-Admitted Undergraduate, Undergraduate. Must be enrolled in one of the following Class(es): Graduate, Non-Admitted Graduate, Post-Baccalaureate

SCI 511 - Contemp Dev Sci Credits: 3.00

Emphasis on the more important aspects of contemporary developments in the natural sciences as it relates to teaching in the elementary school. Selected readings. The course is designed for elementary teachers. Prerequisite: One year of teaching experience at the K-9 level.

Restrictions: May not be enrolled in one of the following Level(s): Denied Adm Undergraduate, Non-Admitted Undergraduate, Undergraduate. Must be enrolled in one of the following Class(es): Graduate, Non-Admitted Graduate, Post-Baccalaureate

SCI 521 - Hist of Science Credits: 3.00

In-depth studies from selected areas in the history of science. Prerequisite: Graduate standing.

Restrictions: May not be enrolled in one of the following Level(s): Denied Adm Undergraduate, Non-Admitted Undergraduate, Undergraduate. Must be enrolled in one of the following Class(es): Graduate, Non-Admitted Graduate, Post-Baccalaureate

SCI 708 - Workshop Credits: 1.00 to 6.00

Restrictions: May not be enrolled in one of the following Level(s): Denied Adm Undergraduate, Non-Admitted Undergraduate, Undergraduate. Must be enrolled in one of the following Class(es): Graduate, Non-Admitted Graduate, Post-Baccalaureate

Eastern Oregon University

Social Science

OBJECTIVES

Provides a broad spectrum of courses for students requiring work in social and behavioral sciences.

SOCIAL SCIENCE

COURSE DESCRIPTIONS

- SSCI 101 - Intro to Soc Sci Credits: 3.00**
- SSCI 102 - Intro to Soc Sci Credits: 3.00**
- SSCI 103 - Intro to Soc Sci Credits: 3.00**
- SSCI 110 - Selected Topics Credits: 1.00 to 6.00**
- SSCI 200I - Intact Credits: 1.00**
- SSCI 207 - Seminar Credits: 1.00 to 15.00**
- SSCI 208 - Workshop Credits: 1.00 to 6.00**
- SSCI 209 - Field Placement Credits: 1.00 to 15.00**

- SSCI 210 - Selected Topics Credits: 1.00 to 6.00**
- SSCI 310 - Selected Topics Credits: 1.00 to 6.00**
- SSCI 401 - Research Credits: 1.00 to 6.00**
Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore
- SSCI 405 - Reading & Conference Credits: 1.00 to 15.00**
Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore
- SSCI 407 - Seminar Credits: 1.00 to 15.00**
Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore
- SSCI 408 - Workshop Credits: 1.00 to 6.00**
Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore
- SSCI 409 - Field Placement Credits: 1.00 to 15.00**
Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore