

COGNITIVE SCIENCES (CSCI)

CSCI 102 - QUANTITATIVE ANALYSIS FOR SOCIAL SCIENCES: COGNITIVE SCIENCES LAB

Short Title: COGSCI STATISTICS LAB

Department: Cognitive Sciences

Grade Mode: Standard Letter

Course Type: Laboratory

Credit Hours: 0

Restrictions: Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

Course Level: Undergraduate Lower-Level

Description: This lab companion course to SOSC 302: Quantitative Analysis for the Social Sciences involves cognitive science-specific applications of statistical analysis. The lab focuses on the use of software to analyze data from research in the cognitive sciences. Students who enroll in this lab section must also enroll in SOSC 302 during the same semester.

CSCI 238 - SPECIAL TOPICS

Short Title: SPECIAL TOPICS

Department: Cognitive Sciences

Grade Mode: Standard Letter

Course Type: Internship/Practicum, Laboratory, Lecture, Seminar, Independent Study

Credit Hours: 1-4

Restrictions: Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

Course Level: Undergraduate Lower-Level

Description: Topics and credit hours vary each semester. Contact department for current semester's topic(s). Repeatable for Credit.

CSCI 299 - EXPERIENTIAL EDUCATION IN COGNITIVE SCIENCES

Short Title: EXPERIENTIAL EDUC IN COGSCI

Department: Cognitive Sciences

Grade Mode: Satisfactory/Unsatisfactory

Course Type: Internship/Practicum

Credit Hour: 1

Restrictions: Enrollment is limited to students with a major in Cognitive Sciences. Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

Course Level: Undergraduate Lower-Level

Description: Provides one hour of university credit for faculty-approved internship. Students must obtain approval from Cognitive Sciences program director and must submit an offer letter from the internship provider as well as a letter indicating completion and satisfactory performance. Instructor Permission Required. Repeatable for Credit.

CSCI 340 - METHODS OF COGNITIVE SCIENCE

Short Title: METHODS OF COGNITIVE SCIENCE

Department: Cognitive Sciences

Grade Mode: Standard Letter

Course Type: Lecture

Credit Hours: 3

Restrictions: Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

Course Level: Undergraduate Upper-Level

Description: Cognitive science is a basic science of mental operations in humans, animals, and artificial systems. It is a highly interdisciplinary endeavor that draws on philosophy, psychology, biology, linguistics, and computer science, among other traditional disciplines. This course provides an integrated introduction to the primary empirical methods for studying the human mind. Students will learn how the scientific method is applied to study mental information representation, manipulation, and utilization in natural and artificial cognitive systems. It will teach students to understand and evaluate existing methodological approaches as well as recognize what is necessary to replicate results. Topics include the philosophical foundations of cognitive science, basic methods of cognitive psychology, neuroscience, linguistics, computational modeling, data analysis, and ethical responsibility when conducting cognitive research.

CSCI 390 - SUPERVISED RESEARCH IN COGNITIVE SCIENCES

Short Title: SUPERV RESRCH COGNITIVE SCI

Department: Cognitive Sciences

Grade Mode: Standard Letter

Course Type: Research

Credit Hours: 1-3

Restrictions: Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

Course Level: Undergraduate Upper-Level

Description: Supervised research on topics relevant to the cognitive sciences. Limited to majors in Cognitive Sciences. Instructor Permission Required. Repeatable for Credit.

CSCI 477 - SPECIAL TOPICS

Short Title: SPECIAL TOPICS

Department: Cognitive Sciences

Grade Mode: Standard Letter

Course Type: Internship/Practicum, Laboratory, Lecture, Seminar, Lecture/Laboratory, Independent Study

Credit Hours: 1-4

Restrictions: Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

Course Level: Undergraduate Upper-Level

Description: Topics and credit hours vary each semester. Contact department for current semester's topic(s). Repeatable for Credit.

CSCI 481 - HONORS PROJECT

Short Title: HONORS PROJECT

Department: Cognitive Sciences

Grade Mode: Standard Letter

Course Type: Research

Credit Hours: 1-3

Restrictions: Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

Course Level: Undergraduate Upper-Level

Description: Independent directed research toward preparation of an undergraduate honors project or thesis. Instructor Permission Required. Repeatable for Credit.