PSYCHOLOGY (PSYC)

PSYC 899 - Master's Thesis
Credits: 4 or 8
four credits per semester in each of two semesters or 8 credits in one semester. Maximum of 8 credits. Cr/F.

PSYC 905 - Research Methodology and Statistics I
Credits: 4
A consideration of research techniques and problems of methodology in psychology. The first semester stresses the principles of statistical inference, correlational approaches, and their interrelatedness in design. Topics considered include probability theory, linear regression, function-free prediction, the theory underlying statistical inference, parametric and nonparametric tests of significance, and principles of analysis of variance. The second semester extends correlational approach to the techniques and methodology of multiple regression and considers the appropriate use and theoretical bases of complex designs. Prereq: undergraduate statistics and experimental psychology.

PSYC 906 - Research Methodology and Statistics II
Credits: 4
A consideration of research techniques and problems of methodology in psychology. The first semester stresses the principles of statistical inference, correlational approaches, and their interrelatedness in design. Topics considered include probability theory, linear regression, function-free prediction, the theory underlying statistical inference, parametric and nonparametric tests of significance, and principles of analysis of variance. The second semester extends correlational approach to the techniques and methodology of multiple regression and considers the appropriate use and theoretical bases of complex designs. Prereq: undergraduate statistics and experimental psychology.

PSYC 907 - Research Methods and Statistics III
Credits: 4
The application of multivariate methods of data analysis in psychological research: multiple regression, analysis of covariance, Hotelling's T2, multivariate analysis of variance, path analysis, discriminant functions, canonical correlation, factor analysis.

PSYC 909 - Advanced Seminar in Quantitative and Analytic Methods
Credits: 4
Advanced treatment of methodological topics of current interest. Content varies: representative topics include field research, surveys, time series, causal analyses, log-linear models, formal and mathematical models, and computer simulation. May be repeated for credit.

PSYC 914 - Advanced Seminar in Cognition
Credits: 4
An in-depth examination of one or more specific topics in cognition including issues in memory, attention, the use and development of language, and cognitive science. May be repeated for credit.

PSYC 933 - Advanced Seminar in Physiological Psychology
Credits: 4
In-depth examination of a specific topic in the neurosciences. Topics vary depending on interests of instructor and students. May be repeated for credit.

PSYC 945 - Advanced Seminar in Behavioral Analysis
Credits: 4
Current empirical and theoretical issues in the analysis of behavior. May be repeated for credit.

PSYC 954 - Advanced Seminar in Social Psychology
Credits: 4
Intensive coverage of the experimental and theoretical literature in a selected area of basic or applied social psychology. Students participate directly in the conduct of the seminar by means of individual topical discussions, development and/or execution of research designs, and critical assessment of the current state of the topic area under discussion. Illustrative topics: political behavior, para-linguistics and non-verbal communication, ethnic and racial prejudice, and environmental psychology. May be repeated for credit.

PSYC 974 - Advanced Seminar in the History and Theory of Psychology
Credits: 4
In-depth examination of a specific topic in the history and/or theory of psychology. Topics vary each time the seminar is offered. May be repeated for credit.
PSYC 982 - Advanced Seminar in Developmental Psychology
Credits: 4
In-depth analysis of one or several specific topics or issues in developmental psychology. May be repeated for credit.

PSYC 991 - Practicum and Seminar in the Teaching of Psychology
Credits: 6
Practicum offers the student an opportunity to teach introductory psychology under close supervision from the staff. The seminar is coordinated with this experience and focuses on both practical and theoretical issues of significance in the teaching/learning process at the college level.

PSYC 992 - Practicum and Seminar in the Teaching of Psychology
Credits: 6
Practicum offers the student an opportunity to teach introductory psychology under close supervision from the staff. The seminar is coordinated with this experience and focuses on both practical and theoretical issues of significance in the teaching/learning process at the college level.

PSYC 995 - Reading and Research
Credits: 1-4
A) Cognition/Psycholinguistics; B) Developmental Psychology; C) History and Theory of Psychology; D) Learning and Behavior Analysis; E) Personality/Psychopathology; F) Physiological Psychology; G) Sensation/Perception; H) Social Psychology; I) Statistics/Methodology.
As part of the development as an independent scholar, the student is encouraged to plan (1) broad reading in an area; (2) intensive investigation of a special problem; or (3) experimental testing of a particular question. Requires approval of both adviser and faculty member directing project. May be repeated for credit.

PSYC 998 - Problems and Issues
Credits: 4
Seminar on a problem that has been the subject of specialized research and study by a member of the faculty. Topic and instructor vary. May be repeated for credit.

PSYC 999 - Doctoral Research
Credits: 0
Cr/F.