PSYCHOLOGICAL SCIENCES (PSYC)

PSYC 618 Professional Development Sem (2 Credits)
Fall; Kieffaber. This course will foster the professional development of our M.S. students by holding weekly seminars over the first semester of the M.S. program. Students will learn about and discuss topics such as research ethics, research presentation, applying to Ph.D. programs, being an effective teacher, time management, and the publication process.

PSYC 619 Professional Development Sem (2 Credits)
Spring; Kieffaber. This course will foster the professional development of our M.S. students by holding weekly seminars over the second semester of the M.S. program. Students will learn about and discuss topics such as research ethics, research presentation, applying to Ph.D. programs, being an effective teacher, time management, and the publication process.

PSYC 631 Advanced Statistics I (3 Credits)
Fall; Kumar, Staff. The first part of the advanced two-course statistics sequence covering topics from basic descriptive and inferential statistics through multiple regression, analysis of variance, and the general linear model.
Corequisite(s): PSYC 631L

PSYC 631L Advanced Statistics Lab I (0 Credits)
Fall; Kumar, Staff.
Corequisite(s): PSYC 631

PSYC 632 Research Methods (3 Credits)
Fall; Forestell, Labella, Staff. This course provides in-depth coverage of experimental and correlational approaches to quantitative research. A primary aim is to facilitate publication in respected journals by helping students to anticipate the kinds of critiques likely to arise during the peer-review process. Topics include hypotheses, theory, and meta-theory; assessment; psychometrics; causal inference; threats to internal/external validity; experimental and statistical controls; strengths and weaknesses of particular cross-sectional, longitudinal, and experimental designs; and acceptance criteria of peer-reviewed journals.

PSYC 633 Advanced Statistics II (3 Credits)
Spring; Kumar, Staff. The second part of the advanced two-course statistics sequence covering topics from basic descriptive and inferential statistics through multiple regression, analysis of variance, and the general linear model.
Prerequisite(s): PSYC 631
Corequisite(s): PSYC 633L

PSYC 633L Advanced Statistics II Lab (0 Credits)
Spring; Kumar, Staff.
Corequisite(s): PSYC 633

PSYC 660 Prosem Developmental Psyc (3 Credits)
Spring; Dallaire, Staff. An overview of seminal and current theoretical and empirical work in developmental science in the domains of cognitive, linguistic, moral, social, and emotional development.

PSYC 661 Proseminar in Cognition (3 Credits)
Spring; Stevens, Staff. Review of theoretical and empirical investigations of major topics in the field of cognition including perception, attention, memory, language, reasoning, decision making, problem solving, cognitive neuroscience, and applied cognitive psychology.

PSYC 662 Proseminar in Personality (3 Credits)
Fall; Takkala, Staff. This course provides an overview of historical and contemporary developments in the field of personality psychology, which encompasses individual differences, intrapsychic factors responsible for those differences, within-person processes, and the interface between the person and the social environment. Topics include personality traits, motives/goals, implicit/explicit processes, authenticity, emotion/affect, and well-being.

PSYC 663 Prosem Behav Neuroscience (3 Credits)
Fall; Burk, Staff. The study of behavior in the context of the physiology of the organism. Selected topics will be used to illustrate the research techniques and investigative procedures commonly employed by physiological psychologists.

PSYC 664 Prosem Social Psychology (3 Credits)
Spring; Dickter, Schug, Staff. A survey of classic and contemporary theory and research in social psychology. Topics include social cognition, interpersonal relationships, attitudes, emotions, group performance, the self, and stereotyping.

PSYC 668 Prosem Clinical Psychology (3 Credits)
Spring; Quinn, Zeman, Staff. Selected topics in clinical psychology, theory, research, and practice.

PSYC 671 Statistical Modeling (3 Credits)
Fall; Thrash, Staff. This course provides an introduction to advanced statistical modeling techniques. Primary objectives of this course are (1) to provide a big-picture overview of diverse statistical modeling techniques (e.g., multiple regression, mediation/path models, factor analysis, structural equation modeling, multilevel modeling, cluster analysis) and their applications; (2) to provide a thorough introduction to structural equation modeling; and (3) to show how structural equation modeling encompasses and extends a variety of other statistical techniques.

PSYC 672 Computer App Psyc Science (3 Credits)
Spring; Kieffaber, Staff. Computer proficiency is essential for anyone involved in the psychological sciences. This course will review a variety of software applications in the context of the professional activities of psychological scientists. Topics will include APA-style document processing, reference management, basic programming concepts and computer-assisted acquisition of research data, data management, and statistical analysis.

PSYC 674 Applied Decision Theory (3 Credits)
Spring; Langholtz, Staff. The purpose of this course is to familiarize students with applied techniques for decision making, and to explain decisions as cognitive processes. Decision-making will be explored in terms of both psychological theory and real-world applications.

PSYC 685 Colloquium (0-2 Credits)
Fall and Spring; Kieffaber. Graded Pass/Fail. No more than 2 credits earned in this course may be applied to the number of credits required to satisfy graduate degree requirements. This course may be repeated for credit.

PSYC 690 Directed Readings (1-3 Credits)
Fall and Spring; Staff. Credit will be from one to three hours depending upon work undertaken. This course may be repeated for credit.

PSYC 693 Intro to Graduate Research (3,6 Credits)
Fall and Spring; Kieffaber, Staff. This course introduces students to graduate research. Students design and conduct research with a faculty advisor. This course may be repeated once, only for 3 semester credit hours, and only if no more than 3 semester credit hours have been earned already for 693.

PSYC 700 Thesis (1-12 Credits)
Fall and Spring; Faculty Advisor. Note: Grade of G or U converts to P upon successful completion of a defense and submission and acceptance of the thesis. Students finish the research for and the writing of their master's thesis under the direction of a faculty advisor. Students who are not submitting a master's thesis may not use this course to satisfy degree requirements. This course may be repeated, but no more than 6 semester credit hours may be used to satisfy degree requirements for a thesis master's (only)