

CLINICAL AND COUNSELING PSYCHOLOGY

Department Information

The University of South Alabama offers a Doctor of Philosophy in Clinical and Counseling Psychology (CCP). This program is a collaborative effort between the Department of Psychology in the College of Arts and Sciences and the Department of Counseling and Instructional Sciences in the College of Education and Professional Studies. The program combines an asset-strength model from Counseling Psychology with a health psychology/wellness model from Clinical Psychology. The Clinical and Counseling Psychology program prepares professionals to provide the most effective and culturally sensitive types of psychological care for individuals and communities. Further, the program is based on a scientist-practitioner model of training, meaning that graduates will develop competence in clinical practice, scientific research, and ability to integrate these two domains. Graduates of the program will have a set of competencies which will also enable them to work successfully with a variety of other health care professionals for the purposes of health promotion and to prevent and remediate mental health conditions in the world. Graduates might be employed in a variety of settings, including counseling centers in colleges and universities, medical centers, Veterans Administration hospitals, schools, private practices, health and wellness facilities, state and federal agencies, family counseling services, academic departments in higher education institutions, and professional associations. Such responsibilities would include direct service to individuals and the management of psychological services for individuals and groups using evidence-based interventions as well as research, advocacy, teaching, supervision and/or training other health professionals.

Program Admission Requirements

Routes To Admission

Applicants can apply at one of two stages of their education.

1. Admission having only previously completed with a Bachelor's Degree: Students admitted at this stage must complete the requirements of the master's degree in psychology (Clinical & Counseling Psychology Concentration) along the way to earning their Ph.D. (see required coursework). Such students are automatically granted admission to the Ph.D. program of study once their M.S. coursework and degree requirements are completed. Students who fail to complete the requirements of the master's degree in psychology within 2 years may be prohibited from entering the doctoral program.
2. Admission having already earned with a Master's Degree: Students who have completed a master's degree (Master of Science/Arts/Education) at another institution will enter the doctoral training program upon admission. Students are still held to course and program requirements of the Masters' Degree in Psychology (Clinical & Counseling Psychology Concentration). Such students may submit requests to have these requirements waived based on prior graduate level coursework and other program requirements (e.g., master's thesis). The core faculty of the CCP program evaluate prior graduate coursework and may waive some of the foundational course requirements if they are equivalent to USA's version of the same course. Students who enter the CCP with a master's degree will invariably have a number of courses that need to be remediated,

particularly students with master's degrees in fields other than psychology.

Students are admitted to start the program in the fall semester only. No spring or summer admissions are permitted. Participation in the program is full-time and, with the exception of an assistantship, students are discouraged from engaging in any outside employment. Applications to the CCP program should be completed by December 15th for admission for the following fall semester. In addition to the Graduate School application form and required supporting documentation, the Clinical and Counseling Psychology program requires submission of a program application form, a statement of purpose, curriculum vitae (CV), and three letters of academic recommendation. The following criteria supplement the Graduate School criteria for admission:

In addition to meeting graduate school requirements for regular admission, applicants to the Clinical and Counseling Psychology program must meet the following criteria:

- a. Although there is no minimum score on the Graduate Record Examination a summed score of 305 or greater on the verbal and quantitative subtests, and a score of 4 or higher on the Writing subtest is preferred.
- b. Completion of an undergraduate or graduate degree in psychology, counseling or a similar program from an accredited institution. Applicants must have completed at least 21 semester hours of prior psychology courses (usually at the undergraduate level) including a statistics course, and a course in research design and methods.
- c. The program's model of admission heavily values the degree of match between the student's clinical and research interests and that of their faculty mentor. Students are assigned a mentor at the time they are offered admission, and usually this individual is their primary advisor, mentor as well as thesis and dissertation chair. Thus, students will ideally articulate their clinical and research interests as well as identify the faculty member(s) with whom these best fit in their applications materials.

Required Psychological Foundations

Students must complete graduate coursework and demonstrate competency in the following foundation areas. These courses will be completed in the student's master's degree program for those admitted with a Bachelor's Degree. Although students entering with a Master's Degree may request waivers for these competency area courses such students will invariably have a number of courses that need to be remediated, particularly students with master's degrees in fields other than psychology. For the courses in the Master's Degree in Psychology (Clinical & Counseling Psychology Concentration) that correspond to the domains listed below see the bulletin page for this program of study:

<https://www.southalabama.edu/bulletin/current/degrees-programs/psychology/psychology-ms/index.html> (<https://www.southalabama.edu/bulletin/current/degrees-programs/psychology/psychology-ms/>)

Students entering the doctoral program after completing a bachelor's degree will take these M.S. courses and earn the M.S. degree before transferring to the Ph.D. program of study.

- Biological, Cognitive, & Affective Bases of Behavior Cognitive
- Neuroscience
- Applied Psychology & Diagnostic Interviewing
- Evidence Based Psychological Practice
- Statistics

- Lifespan Development
- Personality & Affected Assessment
- Psychopathology
- Social & Personal Psychology
- Clinical Practicum in Psychotherapy & Assessment

Applicants should submit the following materials electronically by December 15th to the below link:

<https://southalabama.liaisoncas.com/applicant-ux/#/loginlogin>

- Official GRE scores
- Official copies of all undergraduate and graduate academic transcripts
- Statement of purpose
- Three letters of academic recommendation
- Clinical and Counseling Psychology program application form
- Curriculum Vitae (CV)

An interview either in-person or via video-conference/telephone must be completed with faculty designated by the Director of Clinical Training prior to a potential admissions offer being made.

Graduate Assistantships

Graduate assistantships are available annually on a competitive basis. Applicants interested in receiving an assistantship will complete the graduate assistantship application form upon being admitted into the program.

Comprehensive Examination

Students must pass a comprehensive examination following successful completion of six semesters of clinical practica coursework. Passing the exam is one of the required components for admission to candidacy for the doctoral degree. The content of the comprehensive examination will be determined by the comprehensive examination committee and may consist of a written as well as an oral component.

Candidacy

Admission to candidacy for the doctoral degree requires completion of the following:

- successful completion of required academic work, except the capstone internship
- successful completion of the comprehensive examination
- approval of a dissertation research project

The doctoral candidate is, therefore, a student who has fulfilled all requirements for the Ph.D. degree with the exception of completing the dissertation research and the required internship.

Dissertation Hours and Defense

Nine credit hours of dissertation research may be applied to and are required for completion of the doctoral program of studies in Clinical and Counseling Psychology. However, a student must be continually enrolled in CCP 799 (Dissertation Research) until the final defense of the dissertation is completed and the dissertation document has been approved by the Graduate School. The final defense is scheduled following the completion of and preparation of the final written report of the dissertation research. Revisions of the dissertation may be required

for final approval by the student's advisory committee or as a condition of the Graduate School's evaluation of the written report.

The Limit

After being admitted to candidacy for the Ph.D. degree in Clinical and Counseling Psychology, the student has a maximum of three years to complete the dissertation.

Residency Requirement

Prior to beginning their capstone internship, students must have completed a minimum of 3 years of graduate study in the clinical and counseling psychology program. Years spent in the M.S. portion of the program can count towards this requirement, but at least 1 of these 3 years must occur in the Ph.D. portion of the program.

Degrees, Programs, or Concentrations

- Clinical and Counseling Psychology (PhD) (<http://bulletin.southalabama.edu/programs-az/graduate/clinical-counseling-psychology/clinical-counseling-psychology-phd/>)

Courses

Clinical Counseling Psy (CCP)

CCP 742 Advanced Psych Assessment 3 cr

This course will offer an in-depth understanding of the assessment of complex cases, which includes both mental illness and physical disorders, as well as the impact of complex social issues, such as culture, ethnicity, and economic issues. The course covers topics pertaining to adults and children. The emphasis will be on the integration of nomothetic and empirical perspectives with idiographic approaches in an evidence-based assessment model. Topics covered will be assessing special populations (e.g., severely mentally ill, trauma, forensic, parents), therapeutic assessment, person-centered report writing, providing feedback, theoretical and scientific issues in assessment, and current controversies.

Prerequisite: CCP 706 (may be taken concurrently) Minimum Grade of B

CCP 745 Teaching of Psychology 3 cr

This course will offer an in-depth understanding of the teaching of psychology at the post secondary level.

CCP 750 Applied Psychophys Biofeedback 3 cr

This course will survey theory, research, and applications of psychophysiology and biofeedback in the prevention and treatment of illness and the enhancement and maintenance of health.

Prerequisite: CCP 706 Minimum Grade of B

CCP 752 Clinical Neuropsychology 3 cr

This course will offer an in-depth understanding of the different theories of brain function in humans. Assessment methods for detecting abnormal functioning and the localization of functioning by behavioral methods will also be examined. The possible etiologies of abnormal functioning as well as their treatment will be reviewed.

Prerequisite: CCP 706 Minimum Grade of B and CCP 742 Minimum Grade of B

CCP 756 Practicum Therapy 1-3 cr

Supervised experience with child and/or adult populations; includes case conference and seminars. This course may include supervised placement in an applied setting.

Prerequisite: CCP 706 (may be taken concurrently) Minimum Grade of B or PSY 506 (may be taken concurrently) Minimum Grade of B

CCP 758 Psychology Resilience & Trauma 3 cr

This course will offer an in-depth understanding of resilience, as it manifests across the lifespan in response to various types of traumas (natural vs. manmade; community-wide versus family- or individually-specific). Prevention and reduction of psychological impact related to trauma and the development, enhancement, and maintenance of resilience in the face of adversity will be emphasized.

Prerequisite: CCP 706 (may be taken concurrently) Minimum Grade of B

CCP 759 Group and Systems Theory 3 cr

This course will survey group and systems theories and the interventions that have been derived from this perspective. The dynamics of group processes will be delineated.

Prerequisite: CCP 706 Minimum Grade of B

CCP 763 Prevention Treat Public Health 3 cr

This course will survey the basic theory and techniques underlying the study of public health problems. Research related to the prevention and treatment of several specific public health problems (e.g. suicide, HIV/AIDS, youth violence) will be covered in depth.

CCP 764 Consult Psych Program Develop 3 cr

This course provides an overview of approaches to psychological consulting and program development in individual, small group and large organization contexts. Specific aspects of psychological consulting in mental health, business, and educational settings will be reviewed

CCP 766 Clinical Supervision 3 cr

This course provides an overview of the various theoretical approaches to supervision of professional psychological services, particularly psychotherapy services. In addition, relevant research findings in the area of supervision are reviewed. Students also have the opportunity to receive feedback on audio/video tapes of their supervision sessions with a junior graduate student clinician

Prerequisite: CCP 706 Minimum Grade of B and CCP 756 Minimum Grade of S

CCP 772 Child Family Psychopath Interv 3 cr

This course provides an overview of current theory and research findings relevant to psychological disorders typically occurring in childhood and adolescence. In addition, evidence-based interventions for various childhood disorders are reviewed. A focus will be upon an ecological and developmental view of childhood psychopathology that integrates family, community, and societal forces in a comprehensive view of such disorders.

Prerequisite: CCP 706 Minimum Grade of B

CCP 777 Seminar on Suicide 3 cr

This graduate seminar will examine the topic of suicide and self-harm in depth. Theoretical and empirical perspectives from sociology, psychology, and genetics/neuroscience will be considered. Additionally, we will examine suicide as both a clinical phenomenon and as a public health issue. Accordingly, cultural, political, and policy issues related to suicide will be explored alongside risk factors, mental health, and individual patient-level factors. This course will utilize focused readings, group discussions, and writing assignments to achieve the course objectives.

CCP 780 Applied Health Psychology 3 cr

This course will survey theory, research, and applications of health psychology in the prevention and treatment of illness and the enhancement and maintenance of health.

Prerequisite: CCP 706 (may be taken concurrently) Minimum Grade of B

CCP 782 Advanced Practicum 1-3 cr

Supervised experience with child and/or adult populations in a variety of settings; includes case conferences and advanced psychological assessment and interventions and supervision of lower level graduate students.

Prerequisite: CCP 756 Minimum Grade of B

CCP 790 Special Topics- 3 cr

Selected topics in psychology and may be repeated or credit when course varies.

CCP 795 Multicultural Counseling 3 cr

CCP 795 Multicultural Counseling in Professional Psychology. Provides a foundation in multicultural awareness, knowledge, and skills from a clinical and counseling psychology perspective.

CCP 796 Directed Studies 1-3 cr

Directed study and research.

CCP 797 Psychology Internship 3 cr

The predoctoral internship is a supervised learning experience in a work setting similar to that in which students will eventually be employed. The internship provides students with an opportunity to apply the theories and concepts learned during their graduate program. Not more than 18 hours may be taken.

CCP 799 Dissertation Research 1-6 cr

Completion and oral defense of a dissertation based upon original research. May be repeated for up to 12 hours credit. A minimum of nine hours is required to meet degree requirements.

Psychology (PSY)**PSY 120 Introduction to Psychology 3 cr**

A survey of the basic theories, concepts, principles, and research findings in the field of Psychology. Core course.

Cross-Listed: PSY 121

PSY 121 Honors Gen Psychology - H 3 cr

This course will provide a survey of the basic theories, concepts, principles, and research findings in the field of Psychology. Along with the broad overview provided by the course, students will participate in a more in-depth examination of selected special topics (e.g. those topics generating controversy in the research community and in our society) as selected by the instructor. By contrast with the PSY 120 Introduction to Psychology course already being taught, the Honors General Psychology course will provide a more thorough coverage of selected topics. Prerequisite: Special permission.

Cross-Listed: PSY 120

PSY 220 Res Design and Analysis I 3 cr

Research methods in psychology with an emphasis on the experimental method.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (EH 102 Minimum Grade of D or EH 105 Minimum Grade of D)

PSY 221 Research Desgn/Analysis I-Apps 1 cr

Laboratory in research methods in psychology with an emphasis on the experimental method.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 210 Minimum Grade of D) or PSY 121 Minimum Grade of D and (EH 102 Minimum Grade of D or EH 105 Minimum Grade of D)

Corequisite: PSY 220

PSY 250 Life Span Development 3 cr

An overview of human development from conception to death. Special emphasis will be placed on cognitive and social development. Core course.

PSY 270 Psy of Black Experience 3 cr

Theories and principles of psychology pertaining to the experience of black Americans. Includes the development of the black psychological perspective, African-American historical developments and philosophy, identity development and the determinants of the black personality, and contemporary issues in the black community.

PSY 290 Special Topics - 1-3 cr

Selected topics in psychology. May be repeated for credit when course content varies for a total of 12 credit hours.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 310 Biological Psychology I 3 cr

An introductory survey of research and theory in neuroscience as it applies to the understanding of behavior. Focus will be on understanding basic mechanisms of neuron function and general coverage of topics such as sensory and motor systems, motivation and emotion, learning and memory, language and thinking, and mental disorders.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 317 Applied Behavior Analysis I 3 cr

An introduction to the principles of behavior intended as a prerequisite to the specific strategies and procedures practiced by behavior analysts. This course will present the historical and scientific foundations of behavior analysis as applied in educational and other human service settings.

Prerequisite: (PSY 120 Minimum Grade of C or PSY 121 Minimum Grade of C or PSY 210 Minimum Grade of C) and (PSY 220 Minimum Grade of C or PSY 222 Minimum Grade of C)

PSY 320 Res Design-Analysis II-W 3 cr

Experience in applying methodological and statistical concepts introduced in PSY 220 and ST 210, as well as instruction in additional topics such as research and analysis. The course will emphasize the use of computers in conducting behavioral research (e.g. literature searches, collecting data, analyzing data, writing reports).

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D) and (EH 102 Minimum Grade of C or EH 105 Minimum Grade of C)

PSY 321 Research Desgn/Analysis II-App 1 cr

Laboratory in research methods in psychology with an emphasis on applying methodological and statistical concepts introduced in PSY 220 and PSY 320.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 210 Minimum Grade of D) or PSY 121 Minimum Grade of D and (PSY 220 Minimum Grade of D and PSY 222 Minimum Grade of D) and (EH 102 Minimum Grade of D and EH 105 Minimum Grade of D)

Corequisite: PSY 320

PSY 340 Abnormal Psychology 3 cr

Nature and development of deviant behavior.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 350 Child and Adolescent Dev 3 cr

The development and psychosocial aspects of childhood and adolescence.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 394 Directed Study 1-3 cr

Specific topics and research findings introduced through the reading of appropriate professional and scientific literature. Requires special permission. May be repeated for a total of 8 credit hours.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 395 Psychology Practicum 1-6 cr

Supervised experience in an area of psychology. May include supervised placement in an applied setting. May be repeated for a total of 12 credit hours.

Prerequisite: (PSY 120 Minimum Grade of C or PSY 121 Minimum Grade of C or PSY 210 Minimum Grade of C)

PSY 412 History-Systems Psy - W 3 cr

The historical foundations of modern psychology and the development of major theories in psychology.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (EH 102 Minimum Grade of C or EH 105 Minimum Grade of C)

PSY 414 Introduction to Clin Psych 3 cr

This course serves as a practical capstone for Psychology students interested in careers in professional Psychology. Through a series of lectures, readings, exercises, films, and demonstrations, this course will introduce student to the ways that clinical psychologists approach the conceptualization, assessment, diagnosis, and treatment of health problems. The course will focus on the scientific basis for the practice of clinical psychology.

Prerequisite: PSY 120 Minimum Grade of D or EH 102 Minimum Grade of D or EH 105 Minimum Grade of D

PSY 416 Cognition 3 cr

An overview of psychological research and theory in cognitive psychology. The course will emphasize how people gather, process, represent, and use information to guide thought and action. This course is an approved elective for students seeking gerontology certification.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D)

PSY 417 Applied Behav Analysis I-Intro 3 cr

An introduction to the principles of behavior intended as a prerequisite to the specific strategies and procedures practiced by behavior analysts. This course will present the historical and scientific foundations of behavior analysis as applied in educational and other human service settings. Prerequisites: PSY 120 or PSY 121 and PSY 220 or Education Teacher candidacy.

Prerequisite: (PSY 120 Minimum Grade of C or PSY 121 Minimum Grade of C or PSY 210 Minimum Grade of C) and (PSY 220 Minimum Grade of C or PSY 222 Minimum Grade of C)

PSY 418 Applied Behav Analysis II-Meth 3 cr

Behavioral assessment techniques and operant and respondent methods for deceleration of inappropriate behavior will be covered. Operant methods for accelerating appropriate behaviors, teaching new behaviors, and maintaining behaviors will be covered. Data-based decision making strategies will be used in developing and altering individual programs.

Prerequisite: PSY 317 Minimum Grade of C

PSY 419 App Behav Analysis III-Adv App 3 cr

Behavioral assessment techniques and experimental designs for the evaluation of behavior change programs will be covered. Data-based decision making strategies for formative program evaluation and modification are also included.

Prerequisite: PSY 417 Minimum Grade of C

PSY 420 Psychology of Learning 3 cr

Theories, experimental findings, and methods of investigation in learning.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D)

PSY 425 Mental Health and Law 3 cr

Selected topics in psychology and criminal Justice. An overview of the relevant federal and state laws, federal regulations and court rulings which address the issues of justice for preserving the rights of individuals with mental illness.

Prerequisite: PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D

PSY 428 Perception 3 cr

A critical analysis of the main theories and research trends in sensation and perception. This course will include computer simulations and demonstrations, and will also emphasize computer applications for data collection, data analysis, and for reporting results. This course is an approved elective for students seeking gerontology certification.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D) and (PSY 310 Minimum Grade of D or PSY 380 Minimum Grade of D)

PSY 435 Social Psychology 3 cr

A survey and analysis of major theoretical and experimental topics of interest in social psychology, such as how we perceive others. attitude, interpersonal attraction, aggression, prejudice and altruism.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 440 Psychology of Personality 3 cr

A survey and critical analysis of major historical and current theories about personality. The course will also examine research relevant to the different approaches and consider various techniques of personality assessment.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 456 Adult Development and Aging- 3 cr

The development and psychosocial aspects of adulthood and late life. This course is an approved elective for gerontology certification.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of C or PSY 210 Minimum Grade of D)

Cross-Listed: PSY 356

PSY 460 Industrial Psychology 3 cr

Application of psychological principles and techniques to business, industry, and government.

Prerequisite: PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D

PSY 465 Intro to Measurements-Tests 3 cr

This course will provide a survey of the methodology of assessment, test design and construction, test administration and scoring, achievement and intelligence testing, personality observations and inventories, and issues in ethics and applications of testing.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or ST 210 Minimum Grade of D)

PSY 470 Intellectual Disabilities 3 cr

The study of theories and research in intellectual disabilities and related areas.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 475 Comparative Evolutionary Psy 3 cr

A critical analysis of the main theories and research trends in comparative and evolutionary psychology. This course is an approved elective for students seeking gerontology certification.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D)

PSY 480 Health Psychology - W 3 cr

Current theories, research and applications in health psychology.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D) and (EH 102 Minimum Grade of C or EH 105 Minimum Grade of C)

PSY 485 Psychology of Gender 3 cr

The study of psychological research on gender differences and theories regarding the origins of these differences.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or ST 210 Minimum Grade of D)

PSY 490 Special Topics 1-3 cr

Selected topics in psychology. May be repeated for a total of 12 credit hours when course content varies.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 492 Seminar - 1-3 cr

A survey of basic theories, concepts, principles, and research findings in a particular focal topic in psychology. Students will study topics in depth by reading and presenting research reports, review papers and book chapters, and through active in-class discussion of the reading materials. Requires permission of department chair. May be repeated up to 2 times when content varies for a total of 6 credit hours.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D)

PSY 494 Directed Studies - 1-3 cr

Directed study and research. Requires special permission. May be repeated for a total of 8 hours.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D)

PSY 499 Honors Senior Thesis-H 3-6 cr

Student conducts an independent research project under the supervision of a faculty sponsor. Recommended for psychology majors planning graduate school. Permission of department chair is required prior to registration. Requires GPA of 3.3 or higher. May be repeated for a total of 6 credit hours.

Prerequisite: (PSY 120 Minimum Grade of D or PSY 121 Minimum Grade of D or PSY 210 Minimum Grade of D) and (PSY 220 Minimum Grade of D or PSY 222 Minimum Grade of D)

PSY 500 Proseminar in Psychology 1 cr

Research presentations will be given by faculty and advanced graduate students. In addition, discussion of project and thesis requirements and procedures will take place. Required of all students registered for PSY 500, 502, and 503.

PSY 501 Research Design and Stats I 3 cr

Theories and principles of research design and elements of modern statistics. Introduction to computer programs for statistical analysis will be included.

Corequisite: PSY 500

PSY 502 Research Design and Stats II 3 cr

Theories and principles of advanced research design and elements of modern statistics. The use of computer applications such as SPSS to analyze empirical data sets will be covered.

Prerequisite: PSY 501 Minimum Grade of B or PSY 521 Minimum Grade of B

Corequisite: PSY 500

PSY 503 Quantitative Methods II 3 cr

Elements of modern statistics with emphasis on application to psychological research. Multivariate statistical techniques to include multiple regression, multivariate analysis of variance, discriminant, canonical, and factor analysis will be discussed.

Prerequisite: (PSY 502 Minimum Grade of B or PSY 522 Minimum Grade of B)

Corequisite: PSY 500

PSY 506 Prof Ethics and Standards 3 cr

An introduction to professional and ethical issues as they pertain to psychology. Focus is on the development of an ethical and professional awareness in the practice of psychology, including teaching and research.

PSY 507 History of Psych & Prof Ethics 3 cr

This course provides instruction through readings, lecture, and case studies in the application of ethics in the professional practice of psychology. In addition, the course focuses on the philosophical foundations, professional identity, and standards of practice found in both clinical psychology and counseling psychology.

PSY 510 Physiological Psychology 3 cr

This course provides a foundation in the techniques of advanced psychophysiological methods. The course covers the history of psychophysiology, including the electrical properties of cells, and major organ systems, with particular emphasis on the electroencephalogram (EEG) and neuroimaging techniques. Students are introduced to the principles of psychophysiological recording, common applications of psychophysiology, safety and ethics in psychophysiological research, instrumentation, and research design issues in psychophysiology. Relevant statistical treatment of psychophysiological data will be discussed, including multiple regression, complex ANOVA, scaling of data, and non-parametric alternatives such as bootstrapping.

PSY 512 Adv History/Systems Psychology 3 cr

An advanced course in the historical foundations of modern psychology and the development of major theories in psychology.

PSY 514 Learning 3 cr

A survey of research and theory in learning.

PSY 516 Cognitive Psychology 3 cr

An advanced survey of research and theory in cognitive psychology. Topics include pattern recognition, attention, memory, language processing, decision making, and problem solving. This course is an approved elective for students seeking gerontology certification.

PSY 520 Personality Res and Theory 3 cr

A critical analysis and evaluation of major theories and current research trends in personality.

PSY 522 Soc & Personality Psychology 3 cr

This course provides a foundation for conducting quantitative research in personality and social psychology. Topics covered will include (a) measurement of personality and individual differences (e.g., narcissism, self-esteem), (b) measurement of cognitive and behavioral outcomes in laboratory and non-laboratory settings (e.g. decision-making, implicit cognitions), and (c) data analytic techniques (e.g. testing for mediation/moderation, structural equation modeling).

PSY 524 Lifespan Development 3 cr

Analysis of theories, research methods, and major findings of sensory, perceptual, social, and cognitive changes across the lifespan, from infancy to late life. Research in social and cognitive development, including cognitive disabilities, the underlying mechanisms involved in thinking and learning processes, and age-related cognitive models are central to this course. **This course is an approved elective for students seeking gerontology certification.

PSY 528 Sensation and Perception 3 cr

This course provides a multidisciplinary analysis of how the sensory systems analyze physical stimuli to support perception and successful actions. Consideration is given to how the anatomy and physiology of the major sensory systems extract information using low- and high-level mechanisms to create meaningful percepts. Other topics include psychophysics, comparative studies, communication, production and performance, face and object recognition, attention, and event perception.

PSY 530 Applied Psy & Dx Interviewing 3 cr

Theories, principles and techniques of interviewing, behavioral observation and classification of psychological disorders.

PSY 532 Psychopathology 3 cr

Current research and theoretical aspects of psychopathology in children and adults.

PSY 540 Psychometrics 3 cr

Theories and methods of test construction and principles of measurement and evaluation in the behavioral sciences.

PSY 542 Cognitive Assessment 3 cr

Principals and methods of individual intelligence testing, including the administration of the Wechsler and the Stanford-Binet tests. Practical experience in the administration, interpretation and report writing of a psychological evaluation using intelligence tests.

Prerequisite: PSY 530 Minimum Grade of B and (PSY 540 Minimum Grade of B or PSY 571 Minimum Grade of B)

PSY 544 Personality & Affective Assmt 3 cr

Theory, development and interpretation of selected personality assessment instruments. Methods and procedures in administering and interpreting personality, aptitude and career interest tests.

Prerequisite: (PSY 540 Minimum Grade of B or PSY 571 Minimum Grade of B) and (PSY 542 Minimum Grade of B or PSY 575 Minimum Grade of B)

PSY 550 Evidenced Based Clin/Coun Prac 3 cr

Study of the theoretical and empirical foundations of the major systems of psychotherapeutic change.

PSY 552 Multicultural Issues in Psy 3 cr

This course will focus on theoretical models, research, techniques, and interventions for working with culturally diverse populations in various settings. Specific issues to be addressed include world views, acculturation and acculturative stress, prejudice and prejudice-reduction techniques, racial/ethnic identity, culture and assessment, and the nature of multicultural competence in Psychology. Issues related to ethnic and racial identity will form the primary focus; however, other types of diversity (e.g., religion, gender, sexual orientation, physically challenged) will also be considered.

Prerequisite: (PSY 550 Minimum Grade of B or PSY 589 Minimum Grade of B) and PSY 506 Minimum Grade of B and PSY 530 Minimum Grade of B and (PSY 532 Minimum Grade of B or PSY 561 Minimum Grade of B)

PSY 554 Cognitive Behavior Therapy 3 cr

A follow up course to PSY 550, this course will survey theory, research and application of cognitive behavior therapy. Focus will be on treatment strategies and application to a variety of psychological disorders of adults and children.

Prerequisite: PSY 530 Minimum Grade of B and (PSY 532 Minimum Grade of B or PSY 561 Minimum Grade of B) and (PSY 550 Minimum Grade of B or PSY 589 Minimum Grade of B)

PSY 556 Practicum 1-3 cr

Supervised experience with adult and children clients. Includes case conference and seminars. May include supervised placement in an applied setting. May be repeated up to five times for a total of 18 credit hours.

Prerequisite: (PSY 532 Minimum Grade of B or PSY 561 Minimum Grade of B) and (PSY 550 Minimum Grade of B or PSY 589 Minimum Grade of B)

PSY 558 External Practicum 3-5 cr

Supervised placement in an applied setting. May be repeated four times for a total of 15 credit hours.

Prerequisite: PSY 552 Minimum Grade of B and PSY 554 Minimum Grade of B

PSY 570 Intel Disable/Autism Spec Dis 3 cr

A study of theories and research related to Intellectual Disabilities and Autism Spectrum Disorders.

PSY 572 Child Psychopathology 3 cr

The description and etiology of deviant behavior patterns in children and adolescents.

Prerequisite: (PSY 532 Minimum Grade of B or PSY 561 Minimum Grade of B)

PSY 575 Comparative Psychology 3 cr

An in-depth analysis of the proximal and ultimate causes of animal and human behavior examined from the perspectives of comparative and evolutionary psychology, psychobiology and ethology. Relevant research in animal models of biological and cognitive systems, learning and motivation, lifespan development and related biopsychosocial factors will be included. ** This course is an approved elective for students seeking gerontology certification.

PSY 586 Cognitive Neuroscience 3 cr

This course includes an advanced and integrative study of the experimental study of cognition and neuroscience. Topics include sensation and perception, memory, learning, language, metacognition, intelligence, problem solving, decision making, mental imagery, consciousness, attention, and the development of cognition through the life span. Major theoretical perspectives and current research within the fields of cognition and neuroscience are discussed. This course also provides students with a basic understanding of the neural underpinnings of a variety of cognitive processes.

PSY 590 Sp Top in Psychology - 1-3 cr

Selected topics in psychology. May be requested for credit when course content varies for a total of 12 credit hours.

PSY 594 Dir Individual Study 1-3 cr

Individual study under the direction of a member of the graduate faculty. May be repeated for up to 9 hours credit.

PSY 598 Project in Psychology 1-6 cr

Completion of a research project, program proposal, program evaluation, major literature review or other comparable experience under the direction of a member of the graduate faculty. IRB or Animal Use and Care Committee approval may be required for some projects. May be repeated for up to 6 hours credit. A minimum of 3 hours is required to meet degree requirements.

PSY 599 Thesis Research 1-6 cr

Completion and oral defense of a master's thesis based upon original research. May be repeated for up to 9 hours credit. A minimum of 6 hours is required to meet degree requirements. Prerequisite: Approval of research prospectus including IRB or Animal Use and Care Committee approval if applicable.