S.S.P. SCHOOL PSYCHOLOGY

OVERVIEW
The specialist degree in School Psychology is designed to help students achieve licensure from the State of Texas as a Licensed Specialist in School Psychology (LSSP). A LSSP is responsible for providing psychological services to public school children addressing a wide range of behavioral and emotional needs.

The National equivalent to a LSSP is known as a Nationally Certified School Psychologist (NCSP), an accreditation given by the National Association of School Psychologists (NASP). Many of our graduates will seek employment in other states and A&M-Central Texas is committed to helping our students complete all requirements to apply for the NCSP in order to practice in every state.

Class work focuses on developing skills in assessment, intervention, and consultation by preparing students to intervene in difficult situations with a positive impact. Graduates have a strong record of successful job placement with many hired in school districts throughout the region. Other graduates have continued to doctoral programs in School Psychology and related fields.

Program Level Student Learning Outcomes
The student will be able to:

1. Collaborate and consult through effective written, oral, and visual means.
2. Intervene in academic skills to promote schoolwide learning.
3. Provide mental health, family-school collaborative, preventive, and responsive services.
4. Support diversity in development and learning.
5. Use research to make data-based decisions.

Entry Requirements
Students will be admitted into the Specialist in School Psychology program by the faculty once the application criteria are met. Program requirements include:

- Successful admission to graduate school.
- Bachelor’s degree from a regionally accredited institution.
- Submission of GRE scores. This requirement is waived only for applicants who have already earned a graduate degree from a regionally accredited institution.
- Completed Counseling and Psychology Department application.
- An undergraduate GPA of 3.0 or better.
- A degree in Psychology or a closely related field, or advanced degrees in other areas.
- Clinical/Work/Volunteer Experience: While specific experience is not required, previous work related work experience may make the applicant more competitive.
- Timely submission of admission materials.

SSP - Specialist School Psychology With Thesis Program Requirements
All courses applicable to the program must be attained, at least 69 hours are required for the degree.

SSP - Specialist School Psychology Without Thesis Program Requirements
All courses applicable to the program must be attained, at least 63 hours are required for the degree.

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<th>Code</th>
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<tr>
<td>COUN 5353</td>
<td>Theories of Counseling</td>
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<td>COUN 5358</td>
<td>Counseling Perspective on Psychopathology</td>
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<td>EDUC 5338</td>
<td>Curriculum Design and Implementation</td>
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<td>PSYC 5300</td>
<td>Behavioral Statistics</td>
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<td>PSYC 5310</td>
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<td>PSYC 5311</td>
<td>Culture, Minority and Gender Issues</td>
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<td>PSYC 5314</td>
<td>Assessment Intelligence and Achievement</td>
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<td>PSYC 5315</td>
<td>Physiological Psychology</td>
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<td>PSYC 5380</td>
<td>Personality Social Assessment</td>
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<td>PSYC 5382</td>
<td>Behavior Management and Therapy</td>
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<td>COUN 5357</td>
<td>Methods and Practices in Counseling</td>
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<td>PSYC 5391</td>
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<td>PSYC 5384</td>
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<tr>
<td>PSYC 5198</td>
<td>Psychology Thesis</td>
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Total Credit Hours: 69

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COUN 5302. Intro to Research. 3 Credit Hours.
This is an introductory graduate-level course in research design and methods and program evaluation. It is designed to introduce the student to the fundamentals of research in education and applied behavioral sciences. That is, students will explore what research involves, the various types of research, the techniques for conducting research studies, ethical behavior in the conduct of research, and research in educational settings. Descriptive and inferential statistics will be presented in the context of the research study. Social issues related to educational research will also be presented and discussed. Prerequisite(s): None.

COUN 5304. Human Development. 3 Credit Hours.
Study the development of human beings from conception to death. Learn research and theory of physical, cognitive, social and personality development in each of the different age groups, prenatal, infancy, childhood, adolescence, and adulthood also covers related ethical concerns.

COUN 5307. Abnormal Behavior. 3 Credit Hours.
Counselors need to understand the construct of abnormal behavior is a social construction and thus may be defined differently by cultures, families and society. We will examine the theories of abnormal psychology, current research through the lens of a socio-cultural model. We will also examine social and group dynamics that can elicit abnormal behavior from “normal” people. Prerequisite(s): COUN 5350 or permission of department chair.

COUN 5309. Assessment and Treatment of Marital and Family Systems. 3 Credit Hours.
Study evaluative methods and assessment techniques as well as treatment plans and strategies for examining and treating problematic and dysfunctional marital and family systems. Emphasis is placed on case analysis, management and treatment. Prerequisite(s): COUN 5350 and COUN 5356 or permission of department chair.

COUN 5311. Multicultural Counseling. 3 Credit Hours.
Study the interaction of social/cultural groups in America, problems of minorities and ethnic groups, problems related to gender and age, problems within family systems and contemporary sources of positive change also covers related ethical concerns. Development of counseling skills and strategies based upon the special needs and characteristics of culturally and ethnically diverse clients. Prerequisite(s): None.

COUN 5313. Crisis Intervention and Management. 3 Credit Hours.
Examine the dynamics and treatment of situation crises in various settings. Study theories and approaches to crisis intervention and management. Prerequisite(s): COUN 5350 or permission of department chair.

COUN 5320. Advanced Family Systems Theory. 3 Credit Hours.
Examine theories of family systems in relation to internal functioning and the external environment, including concepts of multi-generational transmission, fusion, emotional cutoff, differentiation, family projection and triangulation among others.

COUN 5350. Foundations of Counseling. 3 Credit Hours.
Study individual and group counseling, testing career planning and placement, referral, and consultation. Examine related theories and concepts with emphasis on counseling skills, as well as history and ethical and professional issues.

COUN 5351. Career Counseling and Guidance. 3 Credit Hours.
Study career counseling and guidance services that focus on occupational, educational, and personal/social issues for general and special populations. Examine theoretical bases for career counseling and guidance, study of organization and delivery of information through individual and group activities, and related ethical concerns. Additional purchase of occupational and education information materials may be required.
COUN 5352. Foundations of Professional School Counseling. 3 Credit Hours.
This course serves as an introduction to the field of professional school counseling with emphasis on the historical and current trends in school counseling. Historical evolution from school counselor as a position to the school counselor as a mental health professional delivering a comprehensive school counseling program will be explored. Professional school counselor identity development, legal and ethical concerns in school counseling, and the comprehensive school counseling program implementation cycle is covered to foster the educational, career, social, and personal well-being of all students. Certification Fee - $150. Prerequisite(s): Admission to School Counselor program.

COUN 5353. Theories of Counseling. 3 Credit Hours.
Investigate personality and counseling theories with an emphasis on how theories influence practice. Special emphasis on applications to various populations, role play, other experiential methods, and related ethical concerns. Prerequisite(s): COUN 5350 or PSYC 5360 or approval of the Department Chair.

COUN 5354. Group Procedure for Counselors. 3 Credit Hours.
Explore group therapy and group procedures with special emphasis on the development of group counseling skills with children, adolescents, adults, special populations, and related ethical concerns while supervised. Prerequisite(s): COUN 5350 and COUN 5357 or permission of department chair.

COUN 5356. Introduction to Family Counseling. 3 Credit Hours.
Learn family systems theory as applied to the study of family dynamics, family development, and the resolution of both family and ethical concerns.

COUN 5357. Methods and Practices in Counseling. 3 Credit Hours.
Study counseling pre-interns to methodology that goes beyond building basic counseling skills and techniques. Learn the basics of professional documentation, treatment planning, legal issues related to counseling, psychological services, and basic business practices. Prerequisite(s): COUN 5350 or PSYC 5360 or approval of the Department Chair.

COUN 5358. Counseling Perspective on Psychopathology. 3 Credit Hours.
Explore psychopathology that includes the history of abnormal behavior and an in-depth study of the specific diagnostic psychological disorders. Emphasis will be on classification systems currently used in clinical settings, treatment alternatives from a counseling perspective, and related ethical concerns. Prerequisite(s): COUN 5350 or permission of department chair.

COUN 5359. Brief Therapy. 3 Credit Hours.
Explore psychopathology that includes the history of abnormal behavior and an in-depth study of the specific diagnostic psychological disorders. Emphasis will be on classification systems currently used in clinical settings, treatment alternatives from a counseling perspective, and related ethical concerns. Prerequisite(s): COUN 5350 or permission of department chair.

COUN 5360. Clinical Mental Health Internship. 3 Credit Hours.
Explore professional activities in counseling and become familiar with a variety of professional activities and resources. Must complete 600 clock hours, of which at least 240 are direct client contact, in no less than two semesters and no more than three semesters. Interns will receive a minimum of 1.5 hours per week of group supervision and 1 hour per week of individual/triadic supervision. Prerequisite(s): COUN 5393 and permission of Practicum/Internship Director. Field experience fee - $75.

COUN 5361. Assessment and Evaluation Fundamentals. 3 Credit Hours.
Examine nature and development of standardized tests, with emphasis on ethical standards, psychometric theory, test standards, and test construction. Selection criteria and utilization of standardized or other instruments in various environments are considered. Analyze evaluations and critiques of published tests and experiential exposure to different types of psychological tests. Prerequisite(s): COUN 5300 or permission of department chair.

COUN 5362. Foundations of Professional School Counseling. 3 Credit Hours.
This course serves as an introduction to the field of professional school counseling with emphasis on the historical and current trends in school counseling. Historical evolution from school counselor as a position to the school counselor as a mental health professional delivering a comprehensive school counseling program will be explored. Professional school counselor identity development, legal and ethical concerns in school counseling, and the comprehensive school counseling program implementation cycle is covered to foster the educational, career, social, and personal well-being of all students. Certification Fee - $150. Prerequisite(s): Admission to School Counselor program.

COUN 5363. Addictions Counseling. 3 Credit Hours.
Study addiction counseling. Special emphasis is given to models of addiction, chemical dependence, process addictions, co-dependence and related ethical concerns.

COUN 5365. Ethical Foundation of Counseling. 3 Credit Hours.
Explore ethical principles of counselors, related codes of ethics, models for ethical decision making, and how to apply them to counseling practice.

COUN 5366. Sandtray Therapy. 3 Credit Hours.
This course is designed to provide students with extensive practical experience related to Sandtray as a therapeutic intervention for children, adolescents, adults, and families. This course uses both didactic and experiential methods to enhance student's knowledge, skills and competence in using sandtray as a play therapy modality with clients. The curricula for this course include (1) knowledge of the literature of the discipline of sandtray in play therapy and (2) ongoing student engagement in professional play therapy practice. Prerequisite(s): COUN 5357.

COUN 5367. Play Therapy. 3 Credit Hours.
Students will explore the therapeutic powers of play within a counseling relationship. Enhance basic counseling skills and techniques using play as the medium of communication. Analyze the background, history, ethical concerns, and professional credentialing requirements of play therapists. Demonstrate play therapy skills and techniques with a child and participate in observation of and supervision in play therapy. Prerequisite(s): COUN 5350 Foundations of Counseling. COUN 5357 Methods and Practices of Counseling. Co-requisite COUN 5393 Practicum I: Field Experience or permission of department chair.

COUN 5381. Assessment and Evaluation Fundamentals. 3 Credit Hours.
Examine nature and development of standardized tests, with emphasis on ethical standards, psychometric theory, test standards, and test construction. Selection criteria and utilization of standardized or other instruments in various environments are considered. Analyze evaluations and critiques of published tests and experiential exposure to different types of psychological tests. Prerequisite(s): COUN 5300 or permission of department chair.

COUN 5386. Clinical Mental Health Internship. 3 Credit Hours.
Explore professional activities in counseling and become familiar with a variety of professional activities and resources. Must complete 600 clock hours, of which at least 240 are direct client contact, in no less than two semesters and no more than three semesters. Interns will receive a minimum of 1.5 hours per week of group supervision and 1 hour per week of individual/triadic supervision. Prerequisite(s): COUN 5393 and permission of Practicum/Internship Director. Field experience fee - $75.

COUN 5388. Counseling Problems. 1-3 Credit Hours.
Study of selected problems in counseling. Open to graduate students in counseling who are independently capable of developing a problem in the area of counseling and guidance. Engage in independent research, reading and discussions under the personal direction of the instructor. Topics may vary according to student need.

COUN 5389. Special Topics in Counseling. 3 Credit Hours.
Examine current advanced study material on a specialized topic of interest to counseling and psychology. Explore required readings from current counseling and psychology publications and other related periodicals. Course may be repeated for credit as topics vary.

COUN 5391. School-Counseling Practicum I. 3 Credit Hours.
Explore professional activities in guidance and counseling. Major emphasis is placed on the involvement in successful practices at the educational level of interest. Students must have met all academic and professional standards of practice before placement and lab experiences are included. Prerequisite(s): COUN 5350, COUN 5351, COUN 5353, COUN 5354, COUN 5357, COUN 5352. Field experience fee - $75.
COUN 5392. School-Counseling Practicum II. 3 Credit Hours.
Experience professional activities in counseling and guidance in area of interest. Major emphasis is placed on the integration of theoretical and conceptual principles, as well as professional and personal skill development, and related ethical concerns. Prerequisite(s): COUN 5391 and the application for internship. Field experience fee - $75.

COUN 5393. Clinical Mental Health Practicum. 3 Credit Hours.
Gain professional experience in marriage and family, mental health, and/or counseling and guidance placements in the Community Counseling and Family Therapy Center, or in placements outside the university. The field experience will consist of 100 clock hours with 40 client contact hours. Weekly individual and group supervision is included. Prerequisite(s): COUN 5350, COUN 5353, COUN 5354, COUN 5357, COUN 5358 and COUN 5365 with a B or better in each course; and consent of the practicum/internship director. Field Experience fee - $75.

Psychology Courses
PSYC 1300. Learning Framework. 3 Credit Hours.
A study of the 1) research and theory in the psychology of learning, cognition, and motivation, 2) factors that impact learning, and 3) application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners. Students developing these skills should be able to continually draw from the theoretical models they have learned. (Cross-listed as EDUC 1300).

PSYC 2301. General Psychology. 3 Credit Hours.
(080) General Psychology is a survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes.

PSYC 2306. Human Sexuality. 3 Credit Hours.
(080) This course will provide an overview of the broad field of human sexuality. Topics will be covered from various perspectives — biological, sociological, anthropological, etc., but will focus primarily on the psychological perspective. The goal is for each student to learn factual, scientifically-based information that will provoke thought and contribute to his/her own decision-making on sexual issues outside of the classroom.

PSYC 2307. Adolescent Psychology. 3 Credit Hours.
(080) This course explores the physical, behavioral, mental, emotional, and social changes that accompany growth and development in adolescence. The purpose of this course is provide an overview of theories, research, issues, and applications related to adolescent development.

PSYC 2308. Child Psychology. 3 Credit Hours.
(080) This course will address psychological development from conception through middle childhood with references to physical, cognitive, social and personality changes. Students will examine the interplay of biological factors, human interaction, social structures and cultural forces in development.

PSYC 2314. Lifespan Growth & Development. 3 Credit Hours.
(080) Life-Span Growth and Development is a study of social, emotional, cognitive and physical factors and influences of a developing human from conception to death.

PSYC 2315. Psychology of Adjustment. 3 Credit Hours.
(080) Study of the processes involved in adjustment to their personal and social environments.

PSYC 2316. Psychology of Personality. 3 Credit Hours.
(080) Study of various approaches to determinants, development, and assessment of personality.

PSYC 2317. Statistical Methods in Psychology. 3 Credit Hours.
(020) (080) This course covers descriptive and inferential statistics used in psychological research and assessment. It includes measurement, characteristics of distributions; measures of central tendency and variability; transformed scores; correlation and regression; probability theory; and hypotheses testing and inference. (PSYC 2317 is included in the Psychology Field of Study.) Prerequisite(s): PSYC 2301 MATH 1314.

PSYC 2319. Social Psychology. 3 Credit Hours.
(080) Study of individual behavior within the social environment. Topics may include socio-psychological processes, attitude formation and change, interpersonal relations, group processes, self, social cognition, and research methods. (PSYC 2319 is included in the Psychology Field of Study).

PSYC 2320. Abnormal Psychology. 3 Credit Hours.
This course provides an introduction to the psychological, biological, and socio-cultural factors involved in the development, diagnosis, and treatment of psychological disorders. It includes a review of the historical understanding of abnormal behavior and the development of modern diagnostic systems. It includes discussion of psychological research and practice as it relates to mental health and psychological functioning, as well as legal and ethical issues. (PSYC 2320 is included in the Psychology Field of Study.) Prerequisite(s): PSYC 2301.

PSYC 2330. Biological Psychology. 3 Credit Hours.
An introduction to the biological bases of behavior. Topics include evolution, genetics, research methods in behavioral neuroscience, motivation and emotion, sensation and perception, learning and memory, lifespan development, cognition, psychological disorders, and other complex behaviors. (PSYC 2330 is included in the Psychology Field of Study.) Prerequisite(s): PSYC 2301.

PSYC 3301. Psychology of Learning. 3 Credit Hours.
Investigate major theoretical approaches, concepts and principles, and experimental methods of learning. Prerequisite(s): PSYC 2301 or permission of department chair.

PSYC 3302. Health Psychology. 3 Credit Hours.
Apply psychology principles and techniques to the fields of health and medicine, including emotional, behavioral, cognitive, social, and multidisciplinary factors. Examine the effects of illness and injury on behavior. Prerequisite(s): PSYC 2301.

PSYC 3303. Educational Psychology. 3 Credit Hours.
Apply psychological theories and principles to teaching and learning. Learn theories of human development, learning, and motivation, and how these impact the processes of teaching and learning. Analyze the impact of cultural diversity on the learning process and standardized testing. Students seeking teacher certification must be admitted to the Teacher Education Program. Prerequisite(s): PSYC 2301 or permission of department chair.

PSYC 3305. Human Cognitive Processes. 3 Credit Hours.
Study human cognition and information processing, including perception, attention, memory, reasoning, and problem solving. Explore experimental methods and current theories of human cognition. Prerequisite(s): PSYC 2301 or permission of department chair.
PSYC 3307. Human Lifespan. 3 Credit Hours.
Explore development from conception through adulthood with emphasis on social adaptation of individuals and roles in families, groups, and communities. Study cognitive, social, personal and biological factors of the stages of development.

PSYC 3309. Writing in Psychology. 3 Credit Hours.
(WI) Examine advanced technical communication in psychology. Study and use the current edition of the Publication Manual of the American Psychological Association for formal research reports, literature reviews, grant proposals, and professional articles. Learn to write professional psychological reports. Prerequisite(s): PSYC 2301, ENGL 1301, and ENGL 1302, or permission of Departmental Chair.

PSYC 3310. Abnormal Psychology. 3 Credit Hours.
Study an overview of the history, causes, and treatments of deviant behavior. Learn psychological, social, and physiological factors as they relate to the development of abnormal behavior and its subsequent treatment. Prerequisite(s): PSYC 2301 and PSYC 3309 or permission of Departmental Chair.

PSYC 3311. Behavior Analysis and Behavior Management. 3 Credit Hours.
Examine the basic principles and methods of behavior analysis and behavior management techniques. Study systematic review of behavioral and cognitive-behavioral methodologies for dealing with human problems such as disruptive behavior, personal adjustment difficulties, behavioral deficits, phobias and fears, developmental disorders, stress and maladaptive behavior in a variety of settings. Prerequisite(s): PSYC 2301 or permission of department chair.

PSYC 3312. Biological Foundations of Behavior. 3 Credit Hours.
Study biological basis of behavior. Learn in-depth examination of physical structure of the human body and the role of chemical and electrical operations within it. Emphasis will be placed on the developmental, cognitive, affective, and behavioral effects of such operations, and recent research will be reviewed. Prerequisite(s): PSYC 2301, 6 hours of BIOL lab science, and PSYC 3309 or permission of department chair.

PSYC 3315. Human Sexuality. 3 Credit Hours.
Study psychology of sexual behavior, exploring the field's diversity, controversy, and current research, in a non-judgmental way. Explores historical, biological, psychological, and relevant social aspects of human sexuality. Prerequisite(s): PSYC 2301.

PSYC 3318. Psychology of Gender. 3 Credit Hours.
An examination of gender from a psychological and cultural perspective. Discusses how and why social expectations, standards, and opportunities tend to be systematically related to gender and the corresponding effects on male and female experience. Prerequisite: PSYC 2301 or permission of department chair.

PSYC 3320. Psycholinguistics. 3 Credit Hours.
Analyze the study of language, understanding languages, producing language and speech, language development, and related topics such as reading, language and the brain, linguistic diversity, and universals. Prerequisite(s): PSYC 2301 and PSYC 3309 or permission of department chair.

PSYC 3330. Statistics for the Behavioral Science. 3 Credit Hours.
Study measures of central tendency, variability, and correlation. Analyze applications of statistical inference to research in Psychology, reliability and validity of psychological tests and measurement, analysis of variance, multiple analysis of variance, and regression. Prerequisite(s): PSYC 2301 and MATH 1314 or MATH 1342 or permission of department chair.

PSYC 3350. Personality. 3 Credit Hours.
Analyze personality, the unique and relatively stable patterns of behavior, thoughts, and feelings that make individual human beings. Learn the different theoretical approaches - psychodynamic, cognitive, behavioral, humanistic, and existential -- as they relate to personality and personality development. Prerequisite(s): PSYC 2301 or permission of department chair.

PSYC 3360. Sport Psychology. 3 Credit Hours.
Explore theories and research related to sports and exercise behavior. Study the history of sport psychology, behavioral principles, anxiety, motivation, leadership, group dynamics, gender, and personality. Analyze related principles to exercise and sport performance. Prerequisite(s): PSYC 2301 or permission of department chair.

PSYC 3409. Writing in Psychology. 4 Credit Hours.
(WI) Examine advanced technical communication in psychology. Study and use the current edition of the Publication Manual of the American Psychological Association for formal research reports, literature reviews, grant proposals, and professional articles. Learn to write professional psychological reports. Prerequisite(s): PSYC 2301, ENGL 1301, ENGL 1302, or permission of Department Chair.

PSYC 3430. Statistics for the Behavioral Science. 4 Credit Hours.
Study measures of central tendency, variability, and correlation. Analyze applications of statistical inference to research in Psychology, reliability and validity of psychological tests and measurement, analysis of variance, multiple analysis of variance, and regression. Lab sessions will focus on use of statistical software to organize and analyze data and to the translation of raw results of statistical analyses into written APA-style Results sections. Prerequisite(s): PSYC 2301 and MATH 1314 or MATH 1342 or PSYC 2317 or permission of department chair.

PSYC 4301. Psychological Assessment. 3 Credit Hours.
Explore principles of psychological testing. Study uses and critical evaluation of tests, achievements, intelligence, aptitude, and personalities. Prerequisite(s): PSYC 2301, PSYC 3309, and PSYC 3330, or permission of department chair.

PSYC 4302. Adaptive Psychology. 3 Credit Hours.
A consideration of how adaptation has influenced social, cognitive and developmental processes in humans. Comparisons between humans and other species, and between different human cultures will be included. Prerequisite(s): PSYC 2301, 6 hours of BIOL science with lab or permission of department chair.

PSYC 4303. Animal Behavior. 3 Credit Hours.
Study animal behavior research from a psychological perspective. Examine the development and display of behaviors will include subject samples ranging from insects to humans conducted in natural, quasi-experimental, and experimental studies. Prerequisite(s): PSYC 2301, 6 hours of BIOL science with lab, or permission of department chair.

PSYC 4305. Social Psychology. 3 Credit Hours.
Learn theory and phenomena of social psychology. Study the effect of social variables upon the behavior of individuals. Examine socialization, language and communication, prejudice, social attitudes, attitude change, aggression, prosocial behavior, and group behavior. Prerequisite(s): PSYC 2301 and PSYC 3309 or permission of department chair.

PSYC 4310. Industrial and Organizational Psychology. 3 Credit Hours.
Study basic theories and practices of Industrial/Organizational psychology including selection testing, job analysis, performance appraisal training, employment motivation, job satisfaction, leadership and group processes within organizations. Prerequisite(s): PSYC 2301 or permission of department chair.
PSYC 4315. Fundamentals of Program Evaluation. 3 Credit Hours.
Study fundamentals of program evaluation methods used in the fields of education and human service. Learn theory, methodology, utilization of information, standards of practice and ethics. Prerequisite(s): PSYC 2301, PSYC 3309, and MATH 1342 or PSYC 3330; or permission of instructor.

PSYC 4320. History of Psychology. 3 Credit Hours.
(WI) Analyze historical prescientific psychology in philosophy and physiology through the period of the psychological schools of thought. Prerequisite(s): PSYC 3307, PSYC 3309, PSYC 3330, PSYC 3312, PSYC 4305; or permission of department chair.

PSYC 4325. Motivation. 3 Credit Hours.
Learn synthesis of theories of motivation with practical applications of motivating people, such as students or business employees. Examine historical and recent developments and their relationship to behavioral research, including concepts such as goals, work quality, work environment, and the use of rewards and other incentives. Prerequisite(s): PSYC 2301.

PSYC 4332. Psychopharmacology. 3 Credit Hours.
Study neuroscientific basis of the effects of drugs on behavior. Emphasis will be placed on major antipsychotic, antidepressant, and addictive drugs and their clinical use and side effects and drug abuse such as alcohol, marijuana, and cocaine. Prerequisite(s): PSYC 2301 and 6 hours of BIOL lab science or permission of department chair.

PSYC 4350. Forensic Psychology. 3 Credit Hours.
Study forensic psychology and its relation to criminal justice. Emphasis is on social and cognitive psychology aspects like eyewitness testimony and courtroom behavior. Analyze psychological aspects of the legal system such as juvenile justice, competency to stand trial, and expert psychological testimony. Prerequisite(s): PSYC 2301.

PSYC 4384. Psychology Undergraduate Internship. 1-3 Credit Hours.
Explore supervised professional activities in psychology. Major emphasis is placed on the student's involvement in successful practices in the area of interest. Students must have the approval of the Department Chair to enroll in this course.

PSYC 4388. Psychology Problems. 1-3 Credit Hours.
Study of various topics related to Psychology. Engage in independent research, reading and discussions under the personal direction of the instructor, topics may vary according to student need. Entry into the course will be arranged by the department chair.

PSYC 4389. Special Topics in Psychology. 3 Credit Hours.
Examine different topics each semester with a focus on contemporary issues in psychology. This course may be repeated for credit as the topic changes.

PSYC 4435. Principle Research for Behavioral Sciences. 4 Credit Hours.
(WI) Study various research designs used in the behavioral sciences. Laboratory experiences will be required to acquaint the student with experimental procedures. Instruction will also be provided in writing research reports according to the APA manuscript style and SPSS statistical applications. Prerequisite(s): PSYC 3309 or ENGL 3309 and PSYC 3330 or equivalent.

PSYC 5090. Psychology Comprehensive Examination. 0 Credit Hours.
Study and take the psychology examination for Non-thesis students. Register for the comprehensive examination during final semester of graduate coursework, or upon permission of advisor. All comprehensive examinations will be written, but an oral component may also be required. A maximum of three attempts will be allowed. Thesis student do not take this examination.

PSYC 5198. Psychology Thesis. 1-6 Credit Hours.
Independent research course in which a student proposes and completes an original, quantitative research project in conjunction with three graduate faculty members who serve on the thesis committee. Scheduled when the student is ready to begin thesis. No credit awarded until proposal and thesis are approved, respectively. Six hours of thesis credit is required. Prerequisite(s): PSYC 5300 and PSYC 5301 and successful completion of 12 additional credit hours in the degree plan and, permission of the Chair of the thesis committee or department chair.

PSYC 5300. Behavioral Statistics. 3 Credit Hours.
Study descriptive statistics with inferential statistics, correlation, one-way and two way analysis of variance, regression analysis and experimental design. Use computer software with emphasis on experience with SPSS.

PSYC 5301. Research Methods. 3 Credit Hours.
Study scientific method of research, types of research and research design. Review, analyze and interpret research findings in major field and develop a research project with the assistance of their instructor. Prerequisite(s): PSYC 5300 or equivalent graduate statistics course.

PSYC 5302. Social Psychological Processes. 3 Credit Hours.
Examine the individual in a social and cultural context. Learn the behavior of groups, the roles of individuals within groups, and the influence of groups on an individual's perceptions, attitudes, emotions, and behavior. Study major theories and supporting research.

PSYC 5303. Theories of Learning. 3 Credit Hours.
Study major theories of learning, factors which influence the process of learning, and application of these theories and processes to general and special populations. Prerequisite(s): Admission to Graduate School or permission of department chair.

PSYC 5304. Human Development. 3 Credit Hours.
Study the development of human beings from conception to death. Analyze research and theory into physical, cognitive, social, and personality development in each of the different age groups: prenatal, infancy, childhood, adolescence, and adulthood.

PSYC 5305. Research-Based Teaching and Learning. 3 Credit Hours.
Review up-to-date empirical research on learning and teaching in a variety of contexts. Apply concepts to the creation of an independent research proposal. Prerequisite(s): Admission to Graduate School or permission of department chair.

PSYC 5310. Special Education Law. 3 Credit Hours.
Examine the legal framework for special education in the United States. Understand federal constitutional provisions, federal and state statutes, and federal and state judicial decisions affecting special education, including the rules and regulations for the various federal and state agencies. Prerequisite(s): PSYC 5360 Foundations of School Psychology.

PSYC 5311. Culture, Minority and Gender Issues. 3 Credit Hours.
Study interaction of social/cultural groups in America, problems of minorities and ethnic groups, problems related to gender and age, problems within family systems and contemporary sources of positive change.

PSYC 5313. Crisis Intervention and Management Individual and Family. 3 Credit Hours.
Examine dynamics and treatment of situational crises in various settings. Learn theories and approaches to crisis intervention and management. Prerequisite(s): COUN 5350 or permission of department chair.
PSYC 5314. Assessment Intelligence and Achievement. 3 Credit Hours.
Study the selection, administration, and interpretation of selected tests used in the individual measurement of intelligence. Prerequisite(s): COUN 5358 and PSYC 5381, or permission of department chair. Field experience fee - $75.

PSYC 5315. Physiological Psychology. 3 Credit Hours.
Examine biological basis of behavior with an emphasis on the structure and biochemistry of the human nervous system. Explore interactive relationships between biological processes, psychopharmacology, genetics, neurological disorders, normal growth and maturation, perception, memory, emotion, stress, mental disorders, consciousness, and communication. Study of contemporary theories and research are investigated and critiqued.

PSYC 5316. Advanced Quantitative Methods and Experimental Design. 3 Credit Hours.
Learn statistical techniques to analyze quantitative data resulting from experimental research designs. Engage in a continuation of PSYC 5300 and PSYC 5301 and students are required to demonstrate proficiency in SPSS for data analysis. Review One-Way and Two-Factor ANOVA. Emphasis on ANCOVA, MANOVA, MANCOVA, multiple regression, logistic regression, data reduction techniques (factor analysis and principal components analysis), and non-parametric analyses appropriate for two- and multi-group designs. Explore the integration of multivariate and advanced statistical design with applicable research paradigms. Prerequisite(s): PSYC 5300 and PSYC 5301.

PSYC 5320. History and Systems. 3 Credit Hours.
Analyze the historical development of the science of psychology from early philosophical theories through the establishment of psychology as a science to modern theoretical positions.

PSYC 5321. Evolutionary Psychology. 3 Credit Hours.
Evaluate current theories of adaptation with a large focus on how adaptation has influenced social, cognitive and developmental processes in humans. Review and discuss evidence from cross-cultural and cross-species studies.

PSYC 5322. Psychometrics. 3 Credit Hours.
Study systematic treatment of the logic of measurement, including scaling models, validity, variance and covariance, reliability, theories of measurement error an test construction. Prerequisite(s): Admission to Graduate School or permission of department chair.

PSYC 5353. Theories of Counseling. 3 Credit Hours.
Investigate personality and counseling theories with an emphasis on how theories influence practice. Special emphasis on applications to various populations, role play, other experiential methods, and related ethical concerns. Prerequisite(s): Admission to Graduate School or permission of department chair.

PSYC 5354. Foundations of School Psychology. 3 Credit Hours.
Study the foundations, professional standards, ethics, and laws related to the delivery of school psychological services. Prerequisite(s): Admission to graduate school or permission of department chair.

PSYC 5358. Personality Social Assessment. 3 Credit Hours.
Gain instruction and supervision in the assessment of emotional, motivational, interpersonal, and attitudinal characteristics of children and adults. Learn the administration, scoring, and interpretation of many widely-used tests. Prerequisite(s): COUN 5358 and PSYC 5381, or permission of department chair.

PSYC 5381. Assessment and Evaluation Fundamentals. 3 Credit Hours.
Examine nature and development of standardized tests, with emphasis on ethical standards, psychometric theory, test standards, and test construction. Learn selection criteria and utilization of standardized or other instruments in various environments are considered. Explore evaluations and critiques of published tests and experiential exposure to different types of psychological tests. Prerequisite(s): Admission to the Graduate School.

PSYC 5382. Behavior Management and Therapy. 3 Credit Hours.
Examine basic theories of human learning, major approaches to behavior management and therapy and principles of applied behavior analysis. Learn formal treatment planning application and evaluation of programs for management of specific behavioral/psychological problems. Study case reviews and practice in individual interventions.

PSYC 5383. Consultation and Supervision. 3 Credit Hours.
Study application of psychological principles of consultation and supervision in selected settings. Emphasis is on analysis of client and consultee/supervisor behaviors, individual and group communications, program evaluation and possible intervention options in selected environments. Prerequisite(s): COUN 5350 or PSYC 5360, and COUN 5353, or permission of department chair.

PSYC 5384. Psychology Internship I. 3 Credit Hours.
Explore supervised professional activities in psychology. Major emphasis is placed on the student's involvement in successful practices in the area of interest. Students must have met all academic and professional standards of practice before placement. Lab experiences are included. Prerequisite(s): Completion of all course work required by the degree and application for internship. Field experience fee - $75.

PSYC 5385. Psychology Internship II. 3 Credit Hours.
Explore professional activities in psychology in the student's area of interest. Major emphasis is placed on the integration of theoretical and conceptual principles, as well as professional and personal skill development. Prerequisite(s): PSYC 5383 and application for internship. Field experience fee - $75.

PSYC 5388. Psychology Problems. 1-3 Credit Hours.
Study selected problems in psychology. Engage in independent research, reading and discussions under the personal direction of the instructor, topics may vary according to student need. Prerequisite(s): graduate standing and permission of department chair.

PSYC 5389. Special Topics in Psychology. 1-3 Credit Hours.
Examine different topics each semester with a focus on contemporary issues in counseling. This course may be repeated for credit as the topic changes.

PSYC 5391. Psychology Practicum I: Field Experience. 3 Credit Hours.
Explore supervised experience in settings such as marriage and family, mental health, and/or counseling and guidance placements outside the University. The field experience will consist of 150 clock hours with 100 client contact hours. Prerequisite(s): COUN 5350, COUN 5353, COUN 5354, COUN 5357 and (COUN 5358 or COUN 5351), and PSYC 5381 for LPC and LPA; COUN 5350, COUN 5309, COUN 5353, COUN 5356 and COUN 5357 for LMFT; PSYC 5360, PSYC 5381, PSYC 5382, COUN 5353, COUN 5357 and COUN 5358 for LSSP; 3.0 GPA; and permission of department chair. Field experience fee - $75.
PSYC 5392. Psychology Practicum II: Field Experience. 3 Credit Hours.
Explore settings such as marriage and family, mental health, and/or counseling and guidance placements outside the University. The field experience will consist of 150 clock hours with 100 client contact hours. Prerequisite(s): PSYC 5391, a 3.0 GPA, and permission of department chair. Field experience fee - $75.

PSYC 5393. Psychology Practicum III: Field Experience. 3 Credit Hours.
Explore settings such as marriage and family, mental health, and/or counseling and guidance placements outside the University. The field experience will consist of 200 clock hours with 100 client contact hours. Prerequisite(s): PSYC 5392, a 3.0 GPA, and permission of department chair. Field experience fee - $75.