

Psychology

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Joan Erber, *Professor Emeritus*
Jacqueline Evans, *Associate Professor*
Gordon Finley, *Professor Emeritus*
Ronald Fisher, *Professor*
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Bennett Schwartz, *Professor*
Nicole Schatz, *Research Assistant Professor*
Nadja Schreiber Compo, *Associate Professor*
Maria Shpurik, *Senior Lecturer*
Fabian Soto, *Assistant Professor*
Dionne Stephens, *Associate Professor*
Matthew Sutherland, *Associate Professor*
Paige Telan, *University Instructor*
Adela Timmons, *Assistant Professor*
James Todd, *Research Assistant Professor*
Elisa Trucco, *Assistant Professor*
Matthew Valente, *Assistant Professor*
Chockalingam Viswesvaran, *Professor*
Ryan Winter, *Senior Instructor*
Chit Yuen Yi, *Instructor*

Bachelor of Arts

Degree Program Hours: 120

Lower Division Preparation

Common Prerequisite Courses and Equivalencies

<u>FIU Course(s)</u>	<u>Equivalent Course(s)</u>
BSC 2023	BSC X0XX or BSC X20X or ZOO X010
PSY 2012	PSYX012
DEP 2000 or DEP 2001 or CLP 2001 or INP 3004 or SOP 2772 or PSB 2071	PSYXXXX ¹
STA 2122 or STA 3111	STAX0XX

¹Or any other lower level Psychology class within the Psychology Inventory (i.e., CLP, DEP, EAB, EXP, INP, PCO, PPE, and PSB prefixes)

Courses which form part of the statewide articulation between the State University System and the Florida College System will fulfill the Lower Division Common Prerequisites.

Please visit <https://cpm.flvc.org> for a current list of state-approved common prerequisites.

Common Prerequisites

BSC X0XX or BSC X20X or ZOO X010

Recommended FIU course:

BSC 2023 Human Biology

PSY X012

Recommended FIU course:

PSY 2012 Introduction to Psychology

PSY XXXX (Or any other lower level Psychology class within the Psychology Inventory (i.e., CLP, DEP, EAB, EXP, INO, PCO, PPE, and PSB prefixes).

Recommended FIU course:

DEP 2000 Human Growth and Development
or

DEP 2001 Psychology of Infancy and Childhood
or

CLP 2001 Personal Adjustment
or

INP 3004 Introductory Industrial/Organizational Psychology
or

SOP 2772 Psychology of Sexual Behavior
or
PSB 2071 Cognitive Neuroscience in
the Media and Pop Culture

STA XXXX

Recommended FIU course:

STA 2122 Statistics for Behavioral and Social
Sciences I

or

STA 3111 Statistics I

Students admitted to the university are admitted directly to their chosen major. Students are expected to make good progress based on critical indicators, such as GPA in specific courses or credits earned. In cases where students are not making good progress, a change of major may be required. Advisors work to redirect students to more appropriate majors when critical indicators are not met.

Upper Division Program

Coursework for the Major: 36 credit hours are required (grade of "C" or better required). Students must complete the Research Sequence (10 credits), fulfill the Area Requirements (15 credits), and the Psychology Elective Requirements (9 credits) and successfully complete the Careers in Psychology Course (2 credits)

1. Research Sequence: (10 credit hours total). Students must take these three courses in the following order.

- A. PSY 3211 Research Methods and Data Analysis in Psychology I (3 credits) (Prerequisite: STA 2122)
- B. PSY 3215 Research Methods and Data Analysis in Psychology II (4 credits) (Prerequisites: Research Methods and Data Analysis in Psychology I)
- C. PSY 4931 Senior Seminar in Psychology (3 credits) (Prerequisites: Research Methods in Psychology II or Research Methods in Psychology)

Note: Because the three courses in this component of the program must be taken in sequence, it is recommended that the first course should be taken no later than the first semester of the sophomore year.

2. Area Requirement Courses: (15 semester hours) Students are required to take one course from each area.

Area A: Cognitive/Neuroscience

EXP 3523 Memory and Memory Improvement
EXP 4204 Sensation and Perception
EXP 4604 Cognitive Processes
PSB 3002 Introductory Bio-Psychology
PSB 4240 Neuropsychology
PSB 4250 Animal Cognition

Area B: Social

SOP 3004 Introductory Social Psychology
SOP 3015 Social and Personality Development
SOP 3742 Psychology of Women
SOP 4414 Attitudes and Social Behavior
SOP 4731 Global Psychology: Cross Cultural Perspectives on Psychological Research and Theories – GL

Area C: Applied

CYP 3003 Introduction to Community Psychology
EAB 3002 Introduction to the Experimental Analysis of Behavior
EAB 3794 Principles of Applied Behavior Analysis
INP 4203 Personnel Psychology
INP 4313 Organizational Psychology
PSY 4302 Psychological Testing
SOP 4842 Legal Psychology

Area D: Clinical/Personality

CLP 4134 Childhood Psychopathology
CLP 4146 Psychopathology
CLP 4314 Psychology of Health and Illness – GL
CLP 4374 Psychotherapy
EAB 4764 The Application of Behavior Analysis to Child Behavior Problems
PPE 3003 Theories of Personality

Area E: Developmental

DEP 3115 Development in Infancy: The Basis of Human Knowledge
DEP 3305 Psychology of Adolescence
DEP 3404 Psychology of Adulthood
DEP 4164 Children's Learning
DEP 4464 Psychology of Aging

3. Psychology Elective Requirements: (9 credit hours)

Any psychology course taken for a letter grade can be used to fulfill the requirement for electives. These courses must be upper level (3000 or 4000) courses. Students must have at least 36 credits hours in total of upper division hours for the psychology major. Students may, with the permission of the instructor, enroll in PSY 4916 Independent Research in Psychology, or PSY 4914 Honors Research Project, or PSY 4941 Experiential Learning/Internship in Psychology, or PSY 4XXX Research Internship in Psychological Science which are given pass/fail grades. A maximum of 6 credits of PSY 4916, PSY 4914, PSY 4941, and /or PSY 4XXX PSY can be used to satisfy Psychology Elective Requirements.

4. Careers Course Requirement: Students are required to take PSY 3024: Psychology Career Development.

5. General Electives: The College of Arts, Sciences and Education requires that, in the last 60 semester hours of enrollment, students must earn at least nine semester hours through coursework outside the major department. These courses can be either lower division or upper division courses.

Students may, with the permission of the instructor, take PSY 4900 and PSY 4914, which are given Pass/Fail grades. These courses cannot count in the category of Psychology Elective Requirements, but they can be used as additional credit towards graduation.

Please Note: (1) Students are strongly urged to contact their academic advisor in the Psychology Department for advisement in curriculum planning; (2) Psychology majors are allowed to transfer a maximum of eighteen semester hours in upper division psychology courses. Course substitutions may be approved by the Director of Undergraduate Studies.

Bachelor's Degree with Honors

Application must be made, and departmental approval granted, to undertake an independent project which must be approved by and carried out under the supervision of a full-time faculty member of the Department. Upon completion of an independent project, a satisfactory oral defense of the work must be presented to a Department committee, of at least two members.

Note: The Bachelor's degree offered in this program is a liberal arts degree and not a professional degree. While it is possible to concentrate courses in one's area of interest, it is not possible at the present time to obtain a 'professional specialization' at the undergraduate level in psychology.

B.A. in Psychology, Industrial-Organizational Psychology Track

This track is for students interested in applying the principles of psychology to workplace issues. Students completing this track will be able to work with organizations in designing selection systems, validating performance assessment systems and developing/delivering training programs. They will also be able to work with consulting companies that design and market selection and training programs. Students will also be competent for managing (1) leadership development programs, (2) talent management, especially High Potential (HIPO) programs and (3) occupational health and safety initiatives.

Degree Program Hours: 120

Degree Requirements:

1. Have 60 semester hours and have completed the University Core/General Education Requirements or have an A.A. degree from a FL public institution.
2. Must meet the Lower Division preparation Common Prerequisites courses and equivalencies listed for the B.A. Degree requirements
3. Must complete the Research Sequence (10 credits), fulfill the Area Requirements (15 credits), and the Psychology Elective Requirements (9 credits) and successfully complete the Careers in Psychology Course (2 credits).
4. Must meet the Psychology and General electives Requirements

Upper Division credits: 60

Area Requirement Courses: (15 semester hours)
Students are required to take one course from each area.

Area A: Cognitive/Neuroscience

EXP 3523	Memory and Memory Improvement
EXP 4204	Sensation and Perception
EXP 4604	Cognitive Processes
PSB 3002	Introductory Bio-Psychology
PSB 4240	Neuropsychology
PSB 4250	Animal Cognition
SOP 3004	Introductory Social Psychology
SOP 3015	Social and Personality Development
SOP 3742	Psychology of Women
SOP 4414	Attitudes and Social Behavior
SOP 4731	Global Psychology: Cross Cultural

Perspectives on Psychological Research and Theories – GL

Area B: Social

SOP 3004	Introductory Social Psychology
SOP 3015	Social and Personality Development
SOP 3742	Psychology of Women
SOP 4414	Attitudes and Social Behavior
SOP 4731	Global Psychology: Cross Cultural Perspectives on Psychological Research and Theories – GL

Area C: Applied

CYP 3003	Introduction to Community Psychology
EAB 3002	Introduction to the Experimental Analysis of Behavior
EAB 3794	Principles of Applied Behavior Analysis
INP 4203	Personnel Psychology
INP 4313	Organizational Psychology
PSY 4302	Psychological Testing
SOP 4842	Legal Psychology

Area D: Clinical/Personality

CLP 4134	Childhood Psychopathology
CLP 4146	Psychopathology
CLP 4314	Psychology of Health and Illness – GL
CLP 4374	Psychotherapy
EAB 4764	The Application of Behavior Analysis to Child Behavior Problems
PPE 3003	Theories of Personality

Area E: Developmental

DEP 3115	Development in Infancy: The Basis of Human Knowledge
DEP 3305	Psychology of Adolescence
DEP 3404	Psychology of Adulthood
DEP 4164	Children's Learning
DEP 4464	Psychology of Aging

Industrial-Organizational Psychology Track

Students interested in graduating with the Industrial Organizational Psychology Track must take:

INP 3004	Introductory Industrial/Organizational Psychology
INP 4203	Personnel Psychology
INP 4313	Organizational Psychology
PSY 4931	Senior Seminar in Industrial/Organizational Psychology

And

Take one of the following three courses:

PSY 4302	Psychological Testing
INP 4210	Employee Selection
SOP 4745	Women and Leadership

Minor in Psychology

A Minor in Psychology requires 15 upper division semester hours of approved psychology credits. Students seeking the minor must meet with a psychology faculty member for advisement and should file with the Psychology Department a written notice of intention to minor in psychology. A grade of 'C' or higher is required in all courses counted toward the minor.

Combined BA Psychology/ Public Health Policy MPH Degree Pathway

The Combined BA/MPH pathway is designed for outstanding undergraduate students. It provides a strong base of knowledge and skills in psychology, and at the same time accelerates completion of the Master of Public Health degree. Students may take advantage of the overlap of courses in the BA and MPH programs to receive their MPH degree in a shorter period than it would otherwise be possible.

Admission Requirements

To apply, their GPA needs to be significantly above average (3.25). Students would also be required to maintain a high GPA (3.0) to remain in the program. The grade requirements for an MPH in Health Policy and Management would apply to courses that are counted toward the MPH degree.

- Current enrollment in the Bachelor's degree program in psychology at FIU.
- Current GPA of 3.25 or higher.
- Three letters of recommendation.
- Approval of the Health Policy and Management admissions committee.

General Requirements

Meet the requirements of both the BA in Psychology and the MPH in Health Policy and Management.

Four courses (12 credits) will be used to satisfy both the Bachelor's in Psychology and the MPH degree requirements. Students will take the following MPH courses as electives during their final year in the BA program:

PHC 6000	Epidemiology I: Introduction to Public Health Epidemiology	3
PHC 6065	Public Health Statistics	3
PHC 6102	Introduction to Public Health Policy and Management	3
PHC 6410	Health Behavior and Public Health	3

Course Descriptions

Definition of Prefixes

CBH-Comparative Psychology and Animal Behavior; CLP-Clinical Psychology; CYP-Community Psychology; DEP-Developmental Psychology; EAB- Experimental Analysis of Behavior; EXP-Experimental Psychology; INP-Industrial and Applied Psychology; LIN- Linguistics; PCO-Psychology for Counseling; PPE-Psychology of Personality; PSB-Psychobiology; PSY-Psychology; SOP-Social Psychology

Courses that meet the University's Global Learning requirement are identified as GL.

CBH 5256 Animal Cognition (3). Survey of comparative cognition between humans and other animals. Major topics include perception, attention, learning, memory, reasoning, tool use, and language. Prerequisites: Graduate standing or permission of the instructor.

CLP 2001 Personal Adjustment (3). Study of personal adjustment in the social and occupational life of the individual. Emphasis on interpersonal aspects of effective behavior.

CLP 4134 Childhood Psychopathology (3). Various forms of abnormal behavior in infancy, childhood, and adolescence are examined within the context of traditional and contemporary psychological theory. Problems of differential diagnosis and forms of remediation are discussed.

CLP 4146 Psychopathology (3). Various forms of behavior pathology are examined in the light of traditional and current concepts of mental health and illness. Problems of diagnosis and treatment are discussed. The role of social mores is examined.

CLP 4314 Psychology of Health and Illness – GL (3). Course provides an overview of the field of health psychology and behavioral medicine with an emphasis on psychological, social, cultural, and global factors affecting health and health care/policy. Prerequisite: PSY 2012.

CLP 4374 Psychotherapy (3). Current approaches to the treatment and improvement of psychological disorders are critically surveyed. Emphasis is placed on the examination of the various techniques of psychotherapy and behavior therapy. Broader strategies of prevention and mental health promotion like consultation, counseling, and programmed agency services are also studied.

CLP 4444 Personality Disorders (3). Studies personality disorders according to current concepts of mental health and illness. Emphasis given to current theoretical and diagnostic categories.

CLP 5007 Psychological Clinical Science I: Historical Perspectives and Current Controversies (3). This course overviews clinical child psychology, including (a) history and philosophy of psychological clinical science and (b) challenges and controversies related to bridging science and service. Prerequisite: Graduate standing.

CLP 5165 Psychopathology (3). This course will provide a comprehensive introduction to the literature on psychopathology with a focus on understanding its relationship to other areas of psychology. Prerequisite: Graduate standing.

CLP 5166 Advanced Abnormal Psychology (3). Advanced study of the causes, psychopathology manifestations, and social and personal consequences of behavior disturbance. Emphasis is placed on the critical examination of current research on the biological, psychological, and social aspects of these disorders. Clinical approaches to diagnosis, course, and prognosis in the contemporary mental health context (including 'practicum' assignments if feasible) are covered.

CLP 5169 Proseminar in Developmental Psychopathology (3). A comprehensive review of topics in developmental psychopathology including history, scope, methods, individual and contextual influences, developmental course, long-term outcomes, and resilience. Prerequisites: Graduate standing or permission of the instructor.

CLP 5185 Current Issues in Mental Health (3). A critical, intensive examination of selected, important issues in mental health. Emphasis is given to the empirical study of contemporary problems related to the making of mental patients; planning, programming, and administering mental health services; political, ethical, and legal constraints on the operation of mental health facilities; interdisciplinary cooperation among helping and human service professionals; and evaluation of preventive care and treatment services. Prerequisites: Abnormal Psychology or permission of the instructor.

CLP 5483 Psychological Clinical Science II: Ecologies of Development and Theories of Psychopathology (3). This course provides an overview of theories of clinical child psychology, including (a) ecologies of development as related to psychopathology and (b) theories of development psychopathology. Prerequisites: Graduate standing, CLP 5007.

CLP 5931 Ethical Code in Psychological Practice (3). Ethical principles, rules, procedures of Psychologists. Clinical application and incorporation of the principles into professional interactions. Ethical reasoning is emphasized.

CYP 3003 Introduction to Community Psychology (3). An introduction to the issues and scope of Community Psychology. Students will be exposed to the development of Community Psychology as a growing discipline. Particular emphasis will be placed on the role of the community psychologist as an agent of social change.

CYP 5534 Groups as Agents of Change (3). Theory and practice in utilizing groups as agents of change or development in communities and organizations. Didactic presentation and structured exercises focus on relevant issues. Students design and implement problem-focused interventions, using class as client system.

DEP 2000 Human Growth and Development: Introductory Developmental Psychology (3). An introductory study of the development of personality, intelligence, and motivation, from childhood to adulthood. Emphasis is on development of cognitive systems through social learning. The full life span of human growth and development will be considered.

DEP 2001 Psychology of Infancy and Childhood (3). An introduction to human development focusing on infancy and childhood. Particular attention will be devoted to intellectual, personality, and social development. Consideration will be given to both theoretical and empirical perspectives.

DEP 3115 Development in Infancy: The Basis of Human Knowledge (3). Provides a comprehensive review of current methods, theories, and findings in cognitive and perceptual development in the first year of life. Special emphasis on the bases of knowledge; object and event perception, memory, and imitation.

DEP 3305 Psychology of Adolescence (3). An examination of psychological, sociological and biological factors contributing to the changes from childhood to adolescence and from adolescence to young adulthood.

DEP 3404 Psychology of Adulthood (3). The transition from youth to middle age is studied. Focus is on changing roles in family, work, and societal settings, as these factors influence personality and other aspects of psychological function.

DEP 4014 Psychology of Parenting & Parenthood (3). An intensive examination of the reciprocal influences of parents on the development of their children and of children on the adult development of their mothers and fathers.

DEP 4032 Life-Span Cognitive Development (3). Course covers all facets of cognitive growth, change, and decline from infancy through adulthood, and old age. Prerequisites: DEP 2000.

DEP 4044 Psychology of Moral Development (3). A review of psychological theories and research concerning the development of moral attitudes and behavior.

DEP 4116 Current Issues in Cognitive and Perceptual Development in Infancy (3). An advanced undergraduate seminar that provides an in-depth analysis of current issues, methods, research, and theory of cognitive, perceptual, and social development during the first year of life. May be repeated. Prerequisites: DEP XXXX, PSY 3213.

DEP 4164 Children's Learning (3). Learning in infancy and childhood, with particular emphasis on simple conditioning, discrimination shifts, mediation, transposition, observational, and concept learning. Prerequisite: Students enrolling in this course should have completed successfully at least one prior course in developmental psychology.

DEP 4182 Socio-emotional Development (3). A survey of facts and theories of human social emotional development and social learning in the early years of life.

DEP 4321 Development of Sexual Identity: A Life Span Approach (3). Reviews developmental and clinical theory and research on sexual identity across the life span, emphasizing the influence of personal change, close relationships, and community factors. Prerequisite: PSY 2012.

DEP 4324 Psychology of Identity Development (3). An introduction to psychological theory, research, and application in the area of identity development.

DEP 4464 Psychology of Aging (3). An examination of the factors that contribute to the psychological profile characterizing old age. Biological and sociological components are considered, and their impact on perceptual, cognitive, and personality processes is analyzed.

DEP 4937 Integrating Research and Theory in Developmental Science (3). An advanced undergraduate seminar that integrates research in the lab with readings and discussion of current issues, theory, and methods in developmental science. May be repeated.

DEP 5056 Issues in Life-Span Developmental Psychology: Infancy through Old Age (3). A survey in depth of theories, issues, methods, and data in life-span developmental psychology through the entire age range. Prerequisites: DEP 2001 or DEP 4464, or their equivalents, are recommended.

DEP 5058 Biological Basis of Behavior Development (3). Introduction to theory and research underlying behavioral development. Covers such pre-and post-natal determinants as evolution, genetics, neuroendocrines, as well as social development, behavioral ecology, and sociobiology. Prerequisites: Graduate standing or permission of the instructor. Corequisite: Proseminar courses.

DEP 5065 Cognitive Development (3). An overview of cognitive development, with a focus on the theories, experimental evidence, and milestones in cognitive development. Topics include the development of attention, perception, memory, problem solving, categorization, concepts, language, reasoning, theory of mind, metacognition, and executive function. Prerequisites: Graduate standing or permission of the instructor.

DEP 5068 Applied Life Span Developmental Psychology (3). This course is designed to acquaint the student with various applications in life-span developmental psychology. An overview of general issues and areas of application is offered, and specific applications are considered. Prerequisites: Graduate standing or permission of the instructor.

DEP 5099 Pro-seminar in Infancy, Childhood, and Adolescence (3). Provides a comprehensive review of issues in perceptual, cognitive, social, emotional, and personality development from infancy through adolescence. Prerequisites: Graduate standing or permission of the instructor. Corequisite: Pro-seminars.

DEP 5118 Current Issues in Cognitive and Perceptual Development in Infancy (3). Provides an in-depth analysis of current issues, methods, research and theory of cognitive and perceptual development during the first year of life. Special emphasis on object and event perception, memory, and imitation. Prerequisites: Two courses in developmental psychology - any level recommended.

DEP 5185 Emotional Learning & Its Reversal (3). Theoretical analysis and methodological issues in the study of emotional learning. Prerequisites: Graduate standing or permission of the instructor.

DEP 5325 Proseminar in Identity Development (3). This class uses foundational identity theories and concepts to understand cross cultural development and psychological outcomes at an advanced level. Prerequisite: Graduate standing.

DEP 5344 Psychology of Moral Development (3). An introduction to the literature on moral development. Review and discussion of recent developments in this area. Prerequisites: Graduate standing or permission of the instructor.

DEP 5405 Pro-seminar in Psychology of Adulthood and Aging (3). A comprehensive review of topics in adulthood and aging including: biological changes, social processes, work, family, cognition, memory, personality, and psychopathology. Prerequisites: Graduate standing or permission of the instructor.

DEP 5608 Theoretical Perspectives in Developmental Psychology (3). The focus of this course is on the major paradigms, models, and theories that have been influential in developmental psychology, both historically and contemporaneously. Meta-theoretical issues, paradigmatic influences, and specific theories are considered. Prerequisites: Graduate standing or permission of the instructor.

DEP 5725 Research Seminar in Psychosocial Development (1). This course is designed to develop research skills and competencies in the area of psychosocial development. The emphasis of the course is on involvement in original research. Prerequisite: Permission of the instructor. Corequisites: Senior undergraduate or graduate standing.

DEP 5796 Methods of Developmental Research (3). Survey of issues and methods at all stages of life-span developmental research including theory, methods, design, and data reduction. Prerequisites: Graduate standing or permission of the instructor. Corequisite: pro-seminars.

DEP 5936 Theory and Research Experience in Developmental Science (3). An advanced seminar that integrates research in the lab with readings and discussion of current issues, theory, and methods in developmental science. May be repeated. Prerequisites: Graduate standing and permission of instructor. Corequisites: Independent research in a developmental lab (PSY 5918 or PSY 6971).

EAB 3002 Introduction to the Experimental Analysis of Behavior (3). An introduction to and survey of the principles, methods, theories, and applications of the experimental analysis of behavior. Prerequisites: PSY 2012.

EAB 4764 The Application of Behavior Analysis to Child Behavior Problems (3). Covers the use of behavior analysis to treat childhood behavior problems commonly associated with disorders such as autism spectrum, attention deficit, anxiety, phobia and obesity. Prerequisite: EAB3002 Corequisite: EAB 4794

EAB 3794 Principles of Applied Behavior Analysis (3). Studies different approaches to the modification of problem behavior, through the application of learning principles and theories. Prerequisite: EAB 3002.

EAB 4798 Single Case Research Methods (3). Intensive study of designs, strategies, and methods of single-case behavioral research. Prerequisite: EAB 3002.

EAB 5098 Pro-seminar in the Experimental Analysis of Behavior (3). An advanced survey of the principles of respondent and operant conditioning and the bases of action in both social and non-social settings. Prerequisites: EAB 3002 or equivalents.

EAB 5655 Advanced Methods of Behavior Change (3).

An intensive study of selected methods of modifying human behavior, emphasizing the applications of the principles of respondent and operant conditioning, as well as those derived from modern social learning theories. Practice and role playing opportunities are provided in behavior therapy, relaxation therapy, behavior modification, biofeedback or similar behavioral approaches. Prerequisites: EAB 3794, CLP 4374, CYP 4144; enrollment in an authorized program; equivalent background; or permission of the instructor.

EAB 5797 Single-Case Research Methods (3). Intensive study of designs, strategies, and methods of single-case behavioral research. Prerequisites: Graduate standing or permission of the instructor.

EXP 3304 Motivation and Emotion (3). Introduces several perspectives from learning theory, perception, and personality theory to explore ways in which people move through their physical and social environment.

EXP 3523 Memory and Memory Improvement (3). This introduction to human memory considers the topics from a number of points of view. The following issues are addressed: the nature of memory and its phenomena; the capabilities and limitations of an ordinary and an extraordinary memory; and the skills that can aid an ordinary memory.

EXP 4204 Sensation and Perception (3). Basic concepts in sensation and perception are explored, with an emphasis on models of peripheral and central neural processing. Topics such as receptor function, brightness and color vision, movement and object perception, perceptual memory and pattern recognition are considered. Psychophysical techniques, such as subjective magnitude estimation and signal detection theory, are covered. (Lab fees assessed). Prerequisites: PSB 3002 or PSB 3007.

EXP 4214C Human Perception: Lecture and Laboratory (5). Lectures concern the methods researchers use to learn about the phenomena of sensation and perception. Laboratory exercises allow students to apply these methods and to experience the perceptual phenomena under investigation.

EXP 4604 Cognitive Processes (3). This course will explore areas of human "mental" behavior. These may include: aspects of memory, metacognition, perception, attention, imagery, problem solving, decision-making, and language.

EXP 5099 Pro-seminar in Experimental Psychology (3). Provides a comprehensive review of current research and theory in areas such as learning, memory, cognition, sensation, and perception. Prerequisites: Graduate standing or permission of the instructor.

EXP 5406 Theories of Learning (3). The major theoretical systems of learning are covered, with the intent of determining how well each accounts for the phenomena of learning. Emphasis is placed on exploring the controversial issues raised by extant theories, and the experimental resolution of these theoretical controversies. The impact of theory on current thinking about learning is considered.

EXP 5508 Applied Cognitive Psychology (3). Covers the basic theories of cognitive psychology perception, attention, memory, learning, knowledge, with emphasis on application to real-world problems. Prerequisite: Graduate Standing.

EXP 5527 Memory and Consciousness (3). The relation of memory and consciousness is explored with emphasis on issues of current research and theoretical work from both a cognitive and a neuropsychological perspective. Prerequisite: Graduate standing.

EXP 5667 Cognitive Neuroscience (3). Investigation of the relation between mind and brain. Discuss literature from both patient studies and from the growing research in neuroimaging. Prerequisite: Graduate standing.

INP 3004 Introductory Industrial/Organizational Psychology (3). Study of psychological principles and theories applied to the workplace. Focus on job analysis, employee selection, performance evaluation, motivation, training, and organizational stress.

INP 4203 Personnel Psychology (3). Techniques and procedures applicable to the selection, placement, utilization, and evaluation of personnel in organizations are considered. The emphasis will be on empirical procedures, rather than the management function in the personnel area. Topics such as quantitative methods and models for selection, criteria analysis, performance appraisal, management training, and job satisfaction are discussed. Prior course in statistics strongly recommended.

INP 4210 Employee Selection (3). Study of valid selection tools used in employee selection. Topics cover designing employment interviews, conducting background checks, utility of and applicant reactions to different selection tools.

INP 4313 Organizational Psychology (3). Focuses on the "organizational" topics associated with the field of industrial/organizational psychology. Includes, leadership, team effectiveness, work and family issues.

INP 5095 Proseminar in Industrial Psychology (3). Provides coverage of industrial and personnel psychology topics such as job analysis, personnel recruitment and selection, legal aspects of employment, performance appraisal, and training design and evaluation. Prerequisites: Acceptance to Master's or Ph.D. program in Psychology.

INP 5136 Psychology of Legal Consultation (3). Practice in basic non-clinical areas in which psychologists assist attorneys, including jury selection, surveys, and simulations. Prerequisites: SOP 6098 or equivalent.

INP 6611 Organizational Stress (3). This seminar examines conceptualizations, causes, consequences, and correlates, of stress, strain, and coping in the workshop. Prerequisite: Graduate standing.

LIN 4705 Psychology of Language and Cognition (3). Investigation of the psychological processes underlying language. Attention will be devoted to speech perception, comprehension, written language, and the biological basis of language abilities. Prerequisite: PSY 2012.

LIN 4710 Language Acquisition (3). An examination of the way children acquire language, based on experimental findings from contemporary linguistics, psycholinguistics, and behavioral theory.

LIN 5701 Psychology of Language (3). An overview of the psychology of language and the psychological 'reality' of linguistic structure. Behavioristic vs. cognitive views of psycholinguistics are examined. Consideration is given to the biological bases of language and thought, language acquisition, and language pathology. Prerequisite: Permission of instructor.

PCO 5251 Couples and Family Systems (3). An overview of theory, research, and treatment issues related to couples and family systems. The course covers relevant techniques, training, and professional issues. Prerequisite: Graduate standing.

PCO 5252 Theory and Techniques in Couples and Marital Therapy (3). An overview of the theories and techniques used in couples and marital therapy with an examination of treatment approaches and evidence-based practice. Consideration of clinical issues and problems.

PCO 5253 Theory and Techniques in Family Therapy (3). An examination of the major theories and techniques used in family therapy with an in-depth exploration of the skills and strategies used for treating clinical issues from multiples perspectives.

PCO 5311 Theory, Treatment, and Research of Addictive Behavior (3). An overview of theory, treatment, and research findings pertaining to the process and development of addictive behavior. This course covers treatment issues related to substance abuse disorders. Prerequisite: Graduate standing.

PCO 5750 Contemporary Issues in Family Life and Process (3). An examination of selected issues that are faced during the development and life cycle of the family. Family intergenerational history and sociocultural factors will be explored.

PHI 4543 Metaphysics through Science Fiction (3). Examines metaphysical puzzles and paradoxes as explored in the thought experiments posed by science fiction. Topics may include: personal identity, the problem of other minds, time travel etc.

PPE 3003 Theories of Personality (3). An examination of various theories of personality. Consideration is given to traditional and contemporary approaches to personality development.

PPE 3502 Psychology of Consciousness (3). Normal and altered states of human consciousness are analyzed from the perceptual and neuro-psychological viewpoint. Broad topic areas include physiologically determined levels of arousal, from deep sleep to intense excitement; selective attention; perceptual plasticity; illusions; sensory deprivation; biofeedback; psychosomatic disease; hypnotism and suggestibility; as well as a critical treatment of the phenomena of parapsychology.

PPE 4514 Psychology of Dreams and Dreaming (3). An in-depth examination of the most important psychological theories of dream function and of the use of dreams in different therapeutic approaches. The current research on the physiology and psychology of sleep is also evaluated. Special topics will be announced in advance.

PSB 2071 Cognitive Neuroscience in the Media and Pop Culture (3). Introduce broad topics in cognitive neuroscience and how the field is reflected in the media and pop culture. Critically review how the media and pop culture represent research on the brain.

PSB 3002 Introductory Bio-Psychology (3). A study of the more important psychobiologic correlates of behavior in basic psychological phenomena.

PSB 3007 Introduction to Neuroscience & Behavior (3). An overview of the nervous system, neurophysiology, neurochemistry, and a brief introduction to brain disorders. Discussions on ethics in neuroscience research. Prerequisite: BSC 2010/L General Biology I & Lab; BSC 2011/L General Biology II & Lab; CHM 1045/L General Chemistry I & Lab; CHM 1046/L General Chemistry II & Lab

PSB 3101 Introduction to Methods in Neuroscience and Behavior (3). Techniques used to examine the functions of the brain in various species from invertebrates to humans. Prerequisite: PSB 3007.

PSB 3461 Hormones & Behavior (3). An overview of the endocrine system in animals and humans and how it interacts with the nervous system to influence various behaviors, including reproduction, stress, and mood. Prerequisite: PSB 3007

PSB 3504 Developmental Neuroscience (3). The development of the nervous system in various species, and how understanding development informs our understanding of disease and normal function. Prerequisite: PSB 3007.

PSB 3823 Behavioral Neuroscience (3). The physiological basis of behavior, and techniques in neuroscience currently used to assess various forms of behavior in a variety of species. Prerequisite: PSB 3007

PSB 4001 History of Neuroscience (3). Topics related to the major historical developments in neuroscience and benchmark discoveries. Prerequisite: PSB 3007

PSB 4100 Introduction to Programming for Neuroscience (3). An introduction to programming with projects applicable to current questions in neuroscience. Prerequisite: PSB 3007 and PSY 3215

PSB 4240 Neuropsychology (3). The relation of brain to cognition and behavior. An introduction to the study of the effects of brain damage on psychological processes. Prerequisites: PSB 3002 or PSB 3007.

PSB 4241 Clinical Neuroscience (3). The relationship between pathology and neurodegenerative diseases or neuropsychiatric disorders and how clinicians detect and diagnose them. Broad discussion on clinical trials and drug development. Prerequisite: PSB 3007

PSB 4250 Animal Cognition (3). Issues and concepts relating to the evaluation of cognitive abilities in animals. Examines theoretical, methodological and philosophical issues and problems in the study of animal cognition.

PSB 4434 Psychopharmacology (3). Issues related to neurochemical interactions in the brain and how drugs affect behavior, mood, and thought processes. Discussions on addiction and current research and therapies for addiction. Prerequisite: PSB 3007.

PSB 4581 Behavioral Epigenetics (3). Relating the effects of experience and environment on gene expression, and how these influence individual differences in behavior, cognition, personality, and mental health. Prerequisite: PSB 3007

PSB 4800 Neurobiology of Learning And Memory (3). Explores behavioral/brain mechanisms of learned behavior including non-associative/category learning, Pavlovian/instrumental conditioning, generalization, declarative memory & executive functioning. Prerequisites: PSB 3002 or PSB 3007.

PSB 5115 Introduction to Psychophysiology: Basics of Electroencephalography and Event-Related Potentials (3). This course introduces students to the concepts, theory, and methods of human psychophysiology with a specific focus on electroencephalography (EEG) and event-related potentials (ERPs). Prerequisite: Permission of the instructor.

PSB 5247 Neurobiology of Learning and Memory (3). Seminar focusing on the themes and questions of how the brain supports learning and memory.

PSY 2012 Introductory Psychology (3). Psychological principles underlying the basic processes of sensation, perception, cognition, learning, memory, life-span developmental, social behavior, personality, abnormal behavior, and psychotherapy.

PSY 2930 Introductory Special Topics in Psychology (3). Designed to give students an opportunity to pursue special studies in aspects of psychology at the introductory level not otherwise offered. Topics will be announced in advance.

PSY 3024 Psychology Career Development (2). Students develop attainable career goals and plans by implementing psychological knowledge, skills, and values in occupational pursuits in a variety of settings to meet personal and societal needs. Prerequisite: PSY 2012.

PSY 3211 Research Methods and Data Analysis in Psychology I (3). Basic research methods/data analysis techniques in psychology. Emphasis on the scientific method, qualitative, basic correlational, and experimental research along with associated analytic techniques. Prerequisites: STA2122, STA2023 or STA3111 or equivalent

PSY 3213 Research Methods in Psychology (4). Basic methods in contemporary psychology. Emphasis on the role of methodology and experimentation in subfields of psychology. Students evaluate different designs and conduct original research projects. Prerequisites: Junior standing, STA 3112 or STA 3123. (Lab fees assessed)

PSY 3215 Research Methods and Data Analysis in Psychology II (4). Advanced research methods/data analysis techniques in psychology. Emphasis on scientific writing/APA style, traditional/quasi-experimental design and analytic techniques conducted using SPSS. Prerequisites: PSY 3211.

PSB 4200 Systems Neuroscience (3). Discussions about brain systems involved in a number of capacities including sensory, cognitive, and motor functions. Current hypotheses on the circuit dynamics of various systems. Prerequisite: PSB 3007

PSY 4302 Psychological Testing (3). An introduction to the rationale underlying the use of psychological tests. Topics include basic test terminology, test administration, interpreting standard scores, reliability, validity, tests of intelligence, interest inventories, personality tests, the ethics of testing, and the fairness of tests for different segments of the population. Prerequisite: STA 2122 or equivalent

PSY 4801 Metatheory in Psychology (3). Issues related to the meta-theoretical foundation of psychology, and history and systems of psychology.

PSY 4900 Independent Readings in Psychology (VAR). Limited to qualified students who have permission from a faculty member and who present a plan of study including area and objectives. Students enrolled in this course are expected to have regularly scheduled meetings with their faculty advisor, and to submit a written report of their study. Offered for Pass/Fail only. Prerequisite: Permission of instructor.

PSY 4914 Honors Research Project (VAR). Limited to qualified seniors seeking honors in psychology. Students must submit a research plan and have a research advisor's approval of the research project prior to enrollment in the course. A written report of the research in the A.P.A. publication style must be submitted for evaluation before credit will be awarded. Offered for Pass/Fail only. Prerequisite: Permission of instructor.

PSY 4916 Independent Research in Psychology (VAR). Limited to qualified students who have permission from a faculty member and who present a written proposal for research. Students enrolled in this course are expected to have regularly scheduled meetings with their faculty advisor, and to submit a written report of their research. Prerequisite: Permission of instructor.

PSY 4930 Advanced Special Topics in Psychology (3). Special topics will be announced in advance. Prerequisite: Permission of instructor.

PSY 4931 Senior Seminar in Psychology (3). An advanced seminar for seniors. Analysis of major contemporary trends in psychological theory and research. Prerequisite: PSY 3213 or PSY 3215.

PSY 4940 Research Internship in Psychological Science (0-6). Limited to qualified students who have permission from a faculty member. Students are expected to have regularly scheduled meetings with their faculty advisor and to submit a written project. Prerequisite: Permission of instructor

PSY 4941 Experiential Learning/Internship in Psychology (0-9). Limited to qualified students who have permission from a faculty member and who present a plan of study including area and objectives. Students enrolled in this course are expected to have regularly scheduled meetings with their faculty advisor, and to submit a written report of their experiences. May be repeated. (Pass/Fail Only) Prerequisite: Permission of instructor.

PSY 5206C Fundamentals of Design of Experiments (3). CRD and RCB designs. Latin square designs. Factorial, nested and nested-factorial experiments. Fixed, random and mixed models. Split-plot designs. Covariance analysis. Prerequisites: STA 2122 and 3123, or their equivalents.

PSY 5216 Proseminar: History and Systems of Psychology (3). An examination of the historical foundations of modern psychology and survey of current systems and schools of psychology. Prerequisites: Graduate standing or permission of the instructor.

PSY 5246C Multivariate Analysis in Applied Psychological Research (3). Covers basic techniques of multivariate analysis, emphasizing the rationale and applications to psychological research. Includes multiple regression, Hotelling's T^2 , MANOVA, principal component analysis, and factor analysis. Prerequisites: STA 3123 or equivalent; linear algebra recommended.

PSY 5908 Directed Individual Study (VAR). Under the supervision of an instructor in the graduate degree program, the graduate student delves individually into a topic of mutual interest which requires intensive and profound analysis and which is not available in a formal offering. May be repeated once. Prerequisite: Permission of the instructor.

PSY 5917 Psychology Research Proseminar (3). Specialized research and presentation to faculty members in his or her major research area. Seminar style. This course is intended as a core course for the masters program in psychology. Prerequisite: Full graduate admission.

PSY 5918 Supervised Research (VAR). Research apprenticeship under the direction of a research professor or a thesis advisor. Prerequisite: Full graduate admission.

PSY 5930 - Qualitative Research Methods in Development Psychology (3). Review recent developments in qualitative research methods. The focus will be on the application of these methods to research on human development. The interpretation of qualitative and quantitative methods will be stressed.

PSY 5939 Special Topics in Psychology (3). Special topics will be announced in advance.

SOP 2772 Psychology of Sexual Behavior (3). An examination of the nature, development, decline, and disorders of sexual behaviors, primarily from the perspectives of normal adjustment and interpersonal relations. Discussion also addresses love, intimacy, and similar emotionally charged socio-psychological topics. Modern and popular treatment approaches - including the 'new sex therapies' are critically evaluated.

SOP 3004 Introductory Social Psychology (3). Introduction to the study of the relationship of the individual to social systems, including topics such as social behavior, attitude development and change, social conflict, group processes, mass phenomena, and communication.

SOP 3015 Social and Personality Development (3). This course provides a survey of social and personality development throughout the life cycle. Emphasis will be placed on the interaction between psychological and environmental variables in life-span development changes.

SOP 3742 Psychology of Women (3). An examination of women from various perspectives, such as biological, anthropological, mythological, religious, historical, legal, sociological, and psychoanalytical points of view. Discussions of ways in which these various perspectives influence the psychological development of contemporary women.

SOP 3932 Psychology of Drugs and Drug Abuse (3). This course will cover some basic information about the nature and effects of drugs abused, the social and personal dynamics involved in the phenomena of drug abuse and the various rehabilitation programs currently being employed to combat drug abuse.

SOP 4414 Attitudes and Social Behavior (3). A review of classic and contemporary social psychological research on attitudes and persuasion. Emphasis will be placed on using persuasion processes to ameliorate social problems. Prerequisite: PSY 2012.

SOP 4522 Social Motivation (3). Focuses upon those sources of human motivation that are a consequence of man's social-interpersonal environment and his striving to obtain valued goals. Topics discussed include test-taking anxiety, alienation and affiliation motivation, internal vs. external orientation, achievement motivation, etc. The measurement of social motives and their roots and consequences for behavior are discussed.

SOP 4525 Small Group Behavior (3). Introduction to the study of the structure and function of groups, emphasizing the behavior of individuals as affected by the group. The course focuses on experimental evidence concerning such topics as social facilitation, group decision making, phases in group development, physical factors in group behavior, etc.; rather than upon student experience in sensitivity or encounter training.

SOP 4731 Global Psychology: Cross Cultural Perspectives on Psychological Research and Theories - GL (3). Examination of cultural contexts informing human behavior and psychological well internationally. Students will examine psychology research through direct application to global phenomena. Prerequisite: PSY 2012.

SOP 4745 Women and Leadership (3). A social psychological examination of how gender and leadership are constructed, the behaviors of men and women leaders, and how men and women leaders are perceived. Prerequisite: PSY 2012.

SOP 4774 Female Sexuality (3). Psychological and behavioral aspects of women's sexuality will be explored, including: anatomy, sexual functioning, pregnancy/childbirth. Sexual orientation, sexual variations, sexual assault/abuse, and relationships. Prerequisites: PSY 2012 (Intro to Psychology) or WST 3015 (Introduction to Global Gender and Women's Studies).

SOP 4842 Legal Psychology (3). Particular emphasis will be given to interpersonal courtroom processes. Topics considered include scientific jury selection, proxemics, persuasive argumentation, witness demeanor, eyewitness testimony, and similar influences upon juror decision making.

SOP 5058 Proseminar in Social Psychology (3). An in-depth examination of the role of social psychology in the social sciences and the major substantive problems as they relate to contemporary societal issues. Minimum prerequisite: An introductory course in social psychology or its equivalent.

SOP 5081 Psychological Influences On Health and Illness (3). Provides a comprehensive review of theory, research, and interventions in the field of health psychology. Prerequisites: Graduate standing or permission of the instructor.

SOP 5316 Theories and Methods of Cross-Cultural Research (3). An intensive analysis of contemporary theories and methods of cross-cultural research in psychology including topics such as: culture as a research treatment, differential incidence of personality traits, the use of ethnographies, 'etic' vs. 'emic' distinction. Prerequisites: Graduate standing or permission of the instructor.

SOP 5616 Social Psychology of Organizations (3). The application of concepts and theories from social psychology and sociology to the organizational setting. Emphasis would be on role theory, value formation and the operation of norms, including their development and enforcement. Formal and informal organization structure, power and authority concepts, and leadership theories will be covered. Communication processes and networks and their effects on task accomplishment and satisfaction will be included.

SOP 5726 Proseminar on the Psychology of Stereotyping, Prejudice, and Discrimination (3). This class uses social psychology theory and concepts to understand stereotyping, prejudice, discrimination, and minority experience at an advanced level. Prerequisite: Graduate standing.