

# PSYCHOLOGY

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## Chair

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## Faculty with Research Interests

For information regarding faculty, visit the Department of Psychology website.

The Department of Psychology offers a Bachelor of Science (B.S.) degree in Psychological Science and Behavioral Health and Wellness as well as multiple dual degrees with Psychological Science paired with Biology, Biochemistry, and Computer Information Systems.

Designed for highly motivated, career-oriented students, the degree programs offered by the Department of Psychology emphasize the integration of applied research with faculty, practical experience in professional settings, and traditional classroom activities. The programs are characterized by faculty mentorship, individual advising, and group activities with faculty, graduate students, and other undergraduate students.

The B.S. in Psychological Science offers a distinctive research-based, human-behavior-oriented undergraduate education with an emphasis on applications of psychology. Students benefit from the strengths of faculty in the highly successful graduate programs in clinical psychology, industrial-organizational psychology, and rehabilitation and mental health counseling.

Interdisciplinary degrees provide career-focused training that spans academic departments. These degrees combine coursework and hands-on experience in the multiple fields, including psychology, political science, sociology, communication, and business. Interdisciplinary training prepares students to succeed in the modern workplace, which increasingly relies on cross-functional teams with diverse expertise.

The B.S. in Behavioral Health and Wellness provides students with a broad understanding of how lifestyle choices impact health, and how health professionals design programs to promote healthy lifestyle choices. The degree prepares graduates for a wide range of health/wellness professions in private business and industry, community organizations, and healthcare environments.

The Department of Psychology also offers accelerated programs that combine undergraduate and graduate professional education. The degrees offered by the department may be used as the basis for the combined undergraduate-graduate professional degree programs in law (B.S./J.D.) and advanced standing in Psychology masters programs (see 'optional programs' for more).

## Scholarship Opportunities

Psychology students have access to a wide range of scholarships. One program—the David J. Vitale Scholarship—is earmarked only for undergraduate psychology students.

Recipients typically receive \$2,000–\$5,000 per year. This award is only applicable to a student's first four years of study at the university.

## Degree Programs

- Bachelor of Science in Psychological Science
- Bachelor of Science in Behavioral Health and Wellness
- Bachelor of Science in Biochemistry/Bachelor of Science in Psychological Science
- Bachelor of Science in Biology/Bachelor of Science in Psychological Science
- Bachelor of Science in Business and Psychology\*
- Bachelor of Science in Computer Information Systems/Bachelor of Science in Psychology

\* indicates that this program is an Incubator Program. Please visit Incubator Programs for more information.

## Minors

Minors consist of at least five courses (minimum 15 credit hours) and are optional and frequently cross-disciplinary. Since they provide a coherent set of ideas, concepts, and educational experiences in a variety of areas, students may find that they enhance potential for professional development. Students who wish to pursue a minor must consult with advisers in their respective major departments.

The Department of Psychology offers minors in Human Resources, Leadership, Psychology, and Rehabilitation Services. Students pursuing a degree in psychology can minor in Rehabilitation Services.

- Minor in Human Resources
- Minor in Leadership
- Minor in Psychology
- Minor in Rehabilitation Services

## Optional Programs

### Accelerated Degree Programs

The Department of Psychology offers combined, advanced standing, and co-terminal programs. These flexible programs give students solid professional credentials in more than one field, improving their marketability and expanding their career options.

A specialization in psychology may be used as the basis for the combined undergraduate-graduate professional degree programs in law (B.S./J.D.). Students earning a B.S. in Psychological Science degree can apply for advanced standing in the M.S. in Rehabilitation and Mental Health Counseling program and the M.S. in Industrial-Organizational Psychology.

For undergraduate psychology majors, it is possible to earn a Master of Science in Rehabilitation and Mental Health Counseling with Advanced Standing in one-and a-half years instead of the normal two years. By taking psychology courses that apply to the rehabilitation and mental health counseling program, graduate program coursework can be reduced by up to 15 credit hours, or one full-time semester.

For undergraduate psychology majors, it is possible to earn a Master of Science in Industrial-Organizational (I-O) Psychology in one-and a-half years instead of the normal two years by participating in the advanced standing option. By participating in the co-terminal option, students may complete their B.S. and M.S. in as little as 5 years. By taking psychology courses that apply to the I-O psychology program, graduate program coursework can be reduced by up to 9 credit hours, or one full-time semester.

For undergraduate psychology majors, it is possible to earn a Master of Science in People Analytics in one-and a-half years instead of the normal two years by participating in the advanced standing option. By participating in the co-terminal option, students may complete their B.S. and M.S. in as little as 5 years. By taking psychology courses that apply to the people analytics program, graduate program coursework can be reduced by up to 9 credit hours, or one full-time semester.

Students wishing to participate in these options must indicate this as early as possible. With the consent of the Department of Psychology chair, undergraduate psychology students may enroll in some graduate-level psychology courses. Close communication with advisers is required for students to reach their target completion dates for accelerated programs. Students must also meet the minimum graduate program admission criteria, apply, and be accepted into the graduate program they wish to enter.

### M.S. Rehabilitation and Mental Health Counseling with Advanced Standing

The mission of the Counseling and Rehabilitation Sciences Division is to prepare students to assume vital roles as counselors fully qualified to help in the clinical mental health, rehabilitation, vocational, educational, and personal adjustment of people with disabilities, chronic illnesses, and/or mental and emotional issues.

The rehabilitation and mental health counseling education program, fully accredited in Clinical Mental Health and Clinical Rehabilitation Counseling by the Council for Accreditation of Counseling and Related Educational Programs (CACREP), is designed to prepare students to function as rehabilitation and/or clinical mental health counselors for persons with a variety of needs including mental health issues impacting the individual and/or family, and persons with physical or mental disabilities who need psychosocial and vocational readjustment. The program is grounded in a strengths-based philosophy of client empowerment where the counselor's role is to assist individuals to realize their optimum level of mental health and personal wellness, including vocational adjustment and independent living. This is done through the use of a variety of therapeutic interventions, including individual, group and/or family counseling, diagnosis, case management, the provision or coordination of evaluation, physical restoration, training, placement, and follow-up services. The demand for rehabilitation and clinical mental health counselors has exceeded the supply in recent years, in public, private, nonprofit, and for-profit sectors.

### Rehabilitation and Mental Health Counseling Courses

Undergraduate students who complete the equivalent of the first semester's required courses may qualify for admission with advanced standing to the Master of Science in Rehabilitation and Mental Health Counseling. Admission with advanced standing may allow the student to count up to 15 graduate credit hours taken while an undergraduate toward the M.S. degree, and allow the candidate to complete the

Master of Rehabilitation and Mental Health Counseling degree in one-and-a-half years (three semesters). The regular master's program in rehabilitation and mental health counseling requires 60 credit hours post bachelor's degree usually completed over the course of two years. However, undergraduate students who meet the criteria for regular admission to the master's program can consider completing their master's degree more quickly by effective use of their electives. In their junior and senior years, qualified students begin taking graduate courses after admission into the program.

Students in the accelerated program may take the following courses as part of required or elective courses for the B.S. in Psychological Science. If taken as an undergraduate student, the courses listed below do not have to be repeated for the Master of Science in Rehabilitation and Mental Health Counseling. A grade of "B" or better is required for courses to be used toward a graduate degree.

PSYC 410	Introduction to Rehabilitation and Mental Health Counseling	3
PSYC 411	Medical Aspects of Disabling Conditions	3
PSYC 412	Multicultural and Psychosocial Issues in Rehabilitation and Mental Health Counseling	3
PSYC 513	Assessment in Rehabilitation and Mental Health Counseling	3
PSYC 523	Theories of Psychotherapy	3
PSYC 562	Job Placement	3
PSYC 563	Human Growth and Career Development	3
PSYC 583	Rehabilitation Engineering Technology I: Survey of Interdisciplinary Application of RET	3
PSYC 590	Psychiatric Rehabilitation	3

### **M.S. I-O Psychology and M.S. People Analytics**

In the M.S. in I-O psychology program, students learn the critical skills needed to apply psychology principles to the workplace in a high-demand industry. US News and World Report ranks Industrial Psychologist as the No. 1 best science job in 2024, highlighting the field's projected growth. For more about the M.S. in I-O psychology degree, visit the program's website.

In the M.S. in People Analytics program, students prepare for a career in the rapidly-growing field of people analytics. Students study human behavior and effectiveness in the workplace, learn to curate and analyze data, and use this data to inform sound human resource decisions. For more about the M.S. in People Analytics degree, visit the program's website.

Undergraduate students have the opportunity to participate in either an advanced standing M.S. or co-terminal M.S. program for either I-O psychology or People Analytics depending on their interests, academic performance and credit hours remaining to B.S. degree completion. Students should consult with their academic advisor as early as possible to learn details about these options. Up to 9 credit hours can be shared between the B.S. and M.S. degrees. Courses that may be double counted are listed below. Other graduate courses may be double counted with approval from the student's graduate advisor.

PSYC 455	Development and Evaluation of Training in Organizations	3
PSYC 529	Personnel Selection and Evaluation	3
PSYC 545	Graduate Statistics I	3
PSYC 546	Graduate Statistics II	3
PSYC 556	Organizational Psychology	3

### **Illinois Institute of Technology/College of DuPage Dual Admission 2+2 Program**

Students who meet the requirements of the Dual Admission Program (DAP) may enroll simultaneously at the College of DuPage (COD) and Illinois Institute of Technology. Students accepted into the DAP will have access to advising and other services from both institutions. Students who successfully complete the institutional course requirements of both institutions under the DAP will be awarded an associate's degree from COD and a Bachelor of Science in Psychological Science degree from Illinois Tech.

#### **Eligibility for the Program**

Students applying to the program must have a cumulative GPA of at least 3.00 either in high school or at COD to be eligible for admission to the DAP. Students must make satisfactory academic progress at COD, as defined by COD and Illinois Tech, to remain in the program.

#### **Application Process**

Applicants must complete a Statement of Intent Form which permits the exchange of academic, admission, and advising information between Illinois Tech and COD. Applicants must also complete the application process at both COD and Illinois Tech in order to be admitted to both institutions. The Illinois Tech application may be submitted only for a B.S. in Psychological Science degree. Admission to other Illinois Tech programs may have additional requirements that are outside the scope of this program.

## Academic Program Requirements

Students must follow each institution's policies regarding admission, course enrollment, transfer hours, probation, dismissal, and reinstatement. Transcripts must be sent to the Illinois Tech Office of Undergraduate Academic Affairs each semester for each student attending COD and enrolled in the DAP. Illinois Tech will provide COD with major and course updates, course prerequisites, and program requirements for the psychology program.

## Graduation Requirements

Students enrolled in the DAP must follow the COD catalog to satisfy requirements for the associate's degree and the requirements set out in the Illinois Tech Undergraduate Catalog in effect at the time of admission into the DAP for the bachelor's degree.

## Certificates

- Certificate in Industrial Training
- Certificate in Recovery Support

## Course Descriptions

### PSYC 100

#### Introduction to the Profession

Students will: 1) introduce an overview of concepts in psychology; 2) develop professional direction for academic career at IIT; 3) demonstrate psychology information literacy; 4) demonstrate effective communication using a variety of formats; and 5) demonstrate professional competence both within and outside of IIT.

**Lecture:** 3 **Lab:** 0 **Credits:** 3

**Satisfies:** Communications (C)

### PSYC 102

#### Introduction to Recovery Support

This course provides a foundation for students who are pursuing a certificate as a Recovery Support Specialist. This course will cover philosophies of recovery and empowerment, listening skills, service planning, advocacy and mentorship in recovery support.

**Lecture:** 30 **Lab:** 0 **Credits:** 2

### PSYC 103

#### Ethical and Professional Issues in Recovery Support

This course provides an overview of historical, philosophical, ethical, and legal issues in recovery support, with a focus on application of ethical decision-making. Students will learn professional roles, functions, and responsibilities as well as multicultural competence.

**Lecture:** 30 **Lab:** 0 **Credits:** 2

**Satisfies:** Ethics (E)

### PSYC 104

#### Evidence-Based Practices in Recovery Support

The objective of this course is to familiarize students with evidence-based practice (EBP) in the fields of mental health and substance use disorder treatment, including motivational interviewing, integrated care, trauma-informed recovery, crisis planning and response, independent living, and supported employment.

**Lecture:** 30 **Lab:** 0 **Credits:** 2

### PSYC 105

#### Special Topics and Populations in Recovery Support

This course explores special topics relevant to those working in mental health and substance use disorder, including knowledge and skills in facilitating peer groups, understand unique needs of special populations (veterans, returning citizens, older adults, families, children, teenagers, and emerging adults), and special topics including spirituality, sexuality, and telehealth.

**Lecture:** 30 **Lab:** 0 **Credits:** 2

### PSYC 106

#### Recovery Support Internship

This course is a supervised experience in recovery support, which is intended to demonstrate (a) integration of previously acquired knowledge, (b) effective and culturally sensitive service delivery methods, and (c) personal growth as a recovery support specialist. Students complete a minimum of 300 clock hour of direct contact at a community internship site in addition to weekly individual and group supervision.

**Prerequisite(s):** PSYC 102 and PSYC 105 and PSYC 104 and PSYC 103

**Lecture:** 0 **Lab:** 15 **Credits:** 1

### PSYC 203

#### Undergraduate Statistics for the Behavioral Sciences

The objectives of this course are to develop skills in using statistical data analysis commonly used in the behavioral sciences (e.g. descriptive statistics, ANOVA, regression, correlation, and meta-analysis). At the end of the course students should be able to comprehend statistical research findings, run basic statistical analysis, as well as make inferences from the results.

**Lecture:** 3 **Lab:** 1 **Credits:** 4

### PSYC 204

#### Research Methods in Behavioral Science

Introduction to experimental, survey, and field study methodology, including: ethics; research design; collection, preparation, analysis of data; and writing research reports.

**Prerequisite(s):** (PSYC 221 or PSYC 222) and PSYC 203

**Lecture:** 3 **Lab:** 1 **Credits:** 4

**Satisfies:** Communications (C), Natural Science (N)

**PSYC 221****Introduction to Psychological Science**

Psychologists use the scientific method to understand the behavior and mental processes of individuals. Their investigations into understanding the behavior of individuals span multiple areas including perception, learning, cognition, language, development, motivation, personality, psychological disorders, social, health, and industrial/organization. In addition to the variety of fields, psychology examines behavior at multiple levels such as biological, behavioral, and cultural. This course will: 1) introduce the field of psychological science; 2) explore the research methods psychologists use to answer questions; 3) use research and theory to introduce psychological processes in multiple fields; and 4) to apply psychological theories to mass media.

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 238****Professional Skills**

Didactic and applied approach to professional skill development in the areas of oral communication, conflict management and interpersonal dimensions of the work setting.

**Lecture: 3 Lab: 0 Credits: 3**

**PSYC 250****Introduction to Leadership: Concepts and Practices**

A survey of historical and contemporary theories, concepts and complexities associated with leadership. Emphasis will be placed on application of theories to practical experiences of leadership.

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 301****Industrial Psychology**

Survey of practical applications of psychology to problems of business and industry: work attitudes and behavior; employee selection; morale; safety; turnover; absenteeism; and training.

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 303****Introduction to Psychopathology**

Overview of various cognitive, emotional, and behavioral disorders, focusing on diagnostic criteria, causal factors, and treatment, and emphasizing scientific, research-oriented perspectives.

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 310****Social Psychology**

Description and analysis of behavior and experience as determined by social conditions. Includes social issues, human relations, prejudice, and leadership.

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 312****Human Motivation and Emotion**

This course will provide a broad overview of major theories of human motivation, both historical and contemporary. After learning about these theories, students will explore how researchers have applied these principles in health care, sports, management, education, and virtual/gaming environments.

**Prerequisite(s):** PSYC 221

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 320****Applied Correlation and Regression**

This course will provide students with the knowledge and skills needed to apply correlation and regression analysis to the study of human behavior. Emphasis will be placed on practical issues associated with these statistical techniques and significant attention will be paid to running analyses and reporting results.

**Prerequisite(s):** PSYC 203

**Lecture: 3 Lab: 0 Credits: 3**

**PSYC 330****Health Psychology**

Health psychology applies psychological principles to health promotion and the prevention and treatment of illness. The goal of this course is to provide a thorough understanding of the key concepts and theories important to health psychologists and the skills to think analytically and critically about health issues. The course will cover a broad range of topics including stress, coping, and behaviors that promote health and prevent illness. The course will also cover specific health problems such as HIV/AIDS, cardiovascular disease, diabetes, cancer, eating disorders, and substance abuse and critically examine the underlying biological, psychological, and social factors influencing the onset, course, and outcomes of these diseases.

**Prerequisite(s):** PSYC 221

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C)

**PSYC 340****Psychology of Gender**

This course provides a broad overview of psychological science on gender issues, addressing such topics as gender stereotypes, early gender socialization, gender nonconformity, love and romance, sexuality, work and leadership, and violence. The course will also explore ways that gender intersects with race/ethnicity, sexual orientation, social class, and other social categories.

**Prerequisite(s):** PSYC 221 with min. grade of C

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 345****Human Sexuality**

Sexuality is a topic that intimately impacts our lives, but it is an aspect of health that is often ignored and misunderstood. This course on human sexuality aims to educate students about issues in sexual health and sexual diversity such as: a) sexual desire and responses, b) sex therapy c) sexual and gender identity development across the lifespan, d) LGBT health, e) reproductive health and reproductive rights, f) contraception, sexually transmitted infections, and g) healthy sexual communication. Throughout the course, students will have the opportunity to reflect on personally held beliefs about sex, and perhaps challenge some of these beliefs based on what they learn.

**Lecture:** 3 **Lab:** 0 **Credits:** 3

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 350****Prejudice and Stigma**

People differ in the identities they hold across dimensions like race, religion, gender, sexuality, age, ability and socioeconomic status. These identities can be stigmatized within the larger group and have profound effects on people. In this course, we will consider the function and costs of prejudice and stigma for members of both stigmatized and majority (nonstigmatized) groups as well as review research aimed at reducing prejudice and stigma. This course aims to give students the skills necessary to critically understand contemporary instances of prejudice and stigmatization from a social psychological perspective. Another course objective is for students to draw parallels across stigma and prejudice processes while also understanding nuances for each group. A final objective is to give students the opportunity to reflect on personally held beliefs about diverse groups.

**Prerequisite(s):** PSYC 221

**Lecture:** 3 **Lab:** 0 **Credits:** 3

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 352****Personality Theory**

This course will provide an overview of prominent approaches to personality psychology.

**Lecture:** 3 **Lab:** 0 **Credits:** 3

**Satisfies:** Social Sciences (S)

**PSYC 355****Cross-Cultural Psychology**

This course is designed to familiarize you with a wide range of topics in cross-cultural psychology. The ability to understand the influence of culture is essential for success in an increasingly diverse and global society. This course will expose you to a variety of topics such as cross-cultural communication, diversity in the workplace, personality and national traits and happiness across cultures. The aim is to provide a framework for appreciating the cultural context of psychological phenomenon in order to facilitate better navigation of diverse societies and workplaces.

**Prerequisite(s):** PSYC 221

**Lecture:** 3 **Lab:** 0 **Credits:** 3

**Satisfies:** Social Sciences (S)

**PSYC 360****Clinical Psychology: Assessment and Treatment**

This course will provide an overview of psychological testing and assessment and psychotherapy and professional activities of clinical psychologists. This course will provide an in-depth examination of the concepts and methods of clinical psychology, document the many activities of clinical psychologists, and highlight the trends in the field that are likely to shape the field in upcoming years. Students will gain an increased understanding of the psychological services and information about clinical psychology as a future career goal.

**Prerequisite(s):** PSYC 303\*, An asterisk (\*) designates a course which may be taken concurrently.

**Lecture:** 3 **Lab:** 0 **Credits:** 3

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 362****Human-Computer Interaction and Web Design**

Students in this course will learn the importance of human-computer interaction design and the effectiveness of user-centered design. The course will cover a survey of methods frequently used by the HCI profession, such as usability testing and prototyping, as well as general design principles and how to use design guidelines. A particular emphasis will be placed on usability for Web site engineering, and students will apply knowledge from the field in the design and construction of user-centered Web sites. (Co-listed as ITMD362)

**Prerequisite(s):** ITMD 361

**Lecture:** 3 **Lab:** 0 **Credits:** 3

**PSYC 363****Introduction to Sports Psychology**

In this course, students will explore the major psychological theories related to sport and exercise behavior. The course is designed to introduce students to the field of sport and exercise psychology through a combination of classroom discussion and exercise application. This course will provide students with a broad overview of major topics including: the history of sports and exercise psychology; foundations of personality, self-concept, self-esteem, motivation, and other psychological characteristics related to participation and performance in sports; coaching and leadership in sports; gender and cultural issues; team dynamics; performance enhancement strategies; and sports as recreation.

**Lecture:** 3 **Lab:** 0 **Credits:** 3

**Satisfies:** Social Sciences (S)

**PSYC 370****Health and Safety at Work**

This course is designed to familiarize you with a wide range of topics in occupational health psychology (OHP). Understanding the relationship between work and health is vital in the face of increasingly demanding and complex work. This course will expose you to topics that examine how work affects our health and vice versa. These include work organizational factors (organizational justice, dark workplace behaviors such as incivility, shift-work, work-family interface) and their impact on employee health and well-being (stress, emotions, job-burnout, recovery experiences).

**Lecture:** 3 **Lab:** 0 **Credits:** 3

**Satisfies:** Social Sciences (S)



**PSYC 380****Topics in Psychology**

An investigation into a topic of current interest in psychology. The specific topic will be announced by the instructor when the course is scheduled.

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 381****Topics in Psychology**

An investigation into a topic of current interest in psychology. The specific topic will be announced by the instructor when the course is scheduled.

**Prerequisite(s):** PSYC 221 or PSYC 301 or PSYC 303 or PSYC 310

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 409****Psychological Testing**

This course is designed to introduce you to psychological testing and assessment. After completing this course, you will be familiar with the test development process, testing techniques, and different types of tests. Further, you will learn about the use of tests in educational, organizational, and clinical/counseling settings. In this course, you will learn the underlying principles of psychological testing and measurement including test construction and scale development.

**Prerequisite(s):** PSYC 203 or PSYC 221 or PSYC 301 or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**PSYC 410****Introduction to Rehabilitation and Mental Health Counseling**

Historical, philosophical, ethical, and legal bases of rehabilitation and mental health counseling. Includes a study of professional roles, functions, and responsibilities as well as service delivery systems and practices such as vocational, independent living, and public and private rehabilitation and mental health counseling.

**Prerequisite(s):** PSYC 221 or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 411****Medical Aspects of Disabling Conditions**

Survey of human organ systems, medical terminology, unique characteristics of disabling conditions, including severe disabilities. Vocational consequences, environmental impact and implications for the rehabilitation process. One of a two course sequence.

**Prerequisite(s):** PSYC 221 or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Natural Science (N)

**PSYC 412****Multicultural and Psychosocial Issues in Rehabilitation and Mental Health Counseling**

Review of diversity issues in rehabilitation and mental health counseling including culture, disability, gender, aging, socio-economic status, and spirituality and religion. Includes theories of multicultural counseling and the counselor's role in the promotion of self-awareness and social justice; a study of individual and family adaptation and coping processes following disability; psychological and sociological consequences of disability; attitudes toward persons with disabilities; and the impact of social and environmental barriers.

**Prerequisite(s):** PSYC 221 or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 414****Neural and Biological Bases of Behavior**

An introduction to the biological bases of behavior with an emphasis on neuroanatomy and neurophysiology of sensory and central nervous systems.

**Prerequisite(s):** PSYC 221 or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Natural Science (N)

**PSYC 423****Learning Theory**

Learning plays an important role in psychology and the general processes and mechanisms that underscore learning are utilized in a number of fields including neuroscience, clinical science, education, and cognitive science. We will examine several theoretical perspectives on learning including, but not limited to, functionalistic, associationistic, cognitive, social, and neurophysiological. We will also examine how factors such as motivation, artificial intelligence, technology, disability, and intelligence play a role in learning.

**Prerequisite(s):** PSYC 221 or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 426****Cognitive Science**

The goal of this course is to understand how the mind works. Cognitive science is an interdisciplinary field that draws on experimental psychology, computer science, linguistics, animal behavior, neuroscience, and behavioral economics, among others.

**Prerequisite(s):** PSYC 221 or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Social Sciences (S)

**PSYC 435****Child Development**

Developmental psychologists examine behavioral and biological changes as they occur over the entire lifespan. Their investigations into mechanisms of developmental change span biological, behavioral, and cultural levels of organization. Students will be able (1) to identify the major milestones of development in various domains (e.g. perceptual, motor, cognitive, social) and (2) use research and theory to understand the mechanisms by which developmental change occurs.

**Prerequisite(s):** PSYC 221 or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Social Sciences (S)

**PSYC 436****Adult Development**

Explores processes and changes in cognitive, social, physical and emotional functioning across adult life. Requires 9 hours of psychology.

**Prerequisite(s):** (PSYC 221 and PSYC 303) or PSYC 301 or PSYC 310 or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Social Sciences (S)

**PSYC 449****Practicum in Rehabilitation Services**

Seminar and supervised fieldwork experience in a rehabilitation setting with disabled individuals. Emphasizes service delivery, interviewing techniques, and caseload management.

**Prerequisite(s):** SOC 480 and PSYC 412\* and PSYC 411 and PSYC 410. An asterisk (\*) designates a course which may be taken concurrently.

**Lecture: 3 Lab: 0 Credits: 3**

**PSYC 455****Development and Evaluation of Training in Organizations**

The goal of this course is to provide the learner with a systems perspective to training in organizations. Through readings, discussions, in class exercises and project work students will learn to identify organizational issues that can be solved using a training intervention and develop appropriate training. The focus of the course will primarily be on knowledge application. Students will learn about the various steps involved in designing a training program including needs assessment, influence of learner characteristics, transfer of training and training evaluation. Through project work students will gain skills in implementing these steps.

**Prerequisite(s):** PSYC 221 or PSYC 301 or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Social Sciences (S)

**PSYC 456****Engineering Psychology**

Theory of human physical and psychological abilities as they relate to design of transportation, housing, workplace, defense and recreational systems. Topics include theories relating to psychophysiology, anthropometry, communications, man-machine interactions, training, maintainability, safety, and engineering evaluation.

**Prerequisite(s):** PSYC 221 or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Social Sciences (S)

**PSYC 460****Child and Adolescent Disorders**

This course focuses on the major disorders that are evident in infancy, childhood, and adolescence. A developmental psychopathology approach will be used in which major influences on both normal and abnormal child development will be examined. Students will be exposed to the contextual and socioemotional factors that impact children's development, followed by an in-depth discussion of the various disorders.

**Prerequisite(s):** PSYC 303

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Social Sciences (S)

**PSYC 462****Behavior Design & User Testing**

Behavioral Design examines the interaction of technology with the logically flawed human world. The class will explore why big budget technology solutions, which execute perfectly in development, often fail when put in front of consumers. BJ Fogg said: "The best design solutions today change human behavior". By understanding User Experience as a measurable set of behaviors, we can apply behavioral sciences like psychology and behavioral economics to the development of technologies. This behavioral perspective helps decrease the probability that the technology solutions you develop do not get lost in the logically inconsistent marketplace that is the human consumer. You'll learn why consumer testing should be conducted early, often, and at every stage of development (even before any code is written). A process you'll learn to love called lean testing.

**Lecture: 3 Lab: 0 Credits: 3**

**PSYC 465****Behavior Change Principles and Practice**

Students will learn about theories of behavior and apply scientific principles used to promote behavior change. Major topics will include stages of change, motivational interviewing, cognitive behavioral techniques, and contingency management (reward and punishment). Emphasis will be given to altering pathological behaviors and to promoting healthy lifestyle changes in the context of one on one or small group settings.

**Prerequisite(s):** PSYC 303

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Communications (C), Social Sciences (S)

**PSYC 481****Groups and Leadership at Work**

The course will review a system's model of groups and will discuss developmental stages of groups as they relate to communication behaviors. It will also review various approaches to leadership including individual, contingency, and relationship. The course engages students in various activities to help them become aware of themselves as team members and team leaders.

**Prerequisite(s):** (PSYC 221 and PSYC 301) or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Social Sciences (S)



**PSYC 482****Undergraduate Research Seminar I**

An introduction to applied research in psychology. Includes a didactic review of basic and current issues in psychological research as well as an experiential component. Students actively participate in ongoing faculty research programs and are exposed to all areas of research.

**Prerequisite(s):** (PSYC 221 and PSYC 204) or Graduate standing

**Lecture: 1 Lab: 2 Credits: 3**

**PSYC 483****Undergraduate Research Seminar II**

An introduction to applied research in psychology. Includes a didactic review of basic and current issues in psychological research as well as an experiential component. Students actively participate in ongoing faculty research programs and are exposed to all areas of research.

**Prerequisite(s):** (PSYC 221 and PSYC 222 and PSYC 204) or Graduate standing

**Lecture: 1 Lab: 2 Credits: 3**

**PSYC 485****Senior Capstone Project I**

The Psychology Capstone Project is an independent study that consists of a formal project and may include a research component, a literature review component as well as a data analysis component or may include an internship or fellowship experience as discussed by you and your project advisor. The project should incorporate and expand upon the depth of knowledge gained from previous years of study and include predetermined deliverables which may include a final thesis or poster. The project should focus on an area of psychology that is of interest to you as a means to expand your knowledge on the subject and to solidify your future goals.

**Lecture: 3 Lab: 0 Credits: 3**

**PSYC 486****Senior Capstone Project II**

Continuation of the Psychology Capstone Project. This is an independent study that consists of a formal project and may include a research component, a literature review component as well as a data analysis component or may include an internship or fellowship experience as discussed by you and your project advisor. The project should incorporate and expand upon the depth of knowledge gained from previous years of study and include predetermined deliverables which may include a final thesis or poster. The project should focus on an area of psychology that is of interest to you as a means to expand your knowledge on the subject and to solidify your future goals.

**Lecture: 3 Lab: 0 Credits: 3**

**PSYC 487****Integrative Psychology Seminar I**

A synthesis of issues and areas in psychology. Requires 21 credit hours in psychology.

**Prerequisite(s):** PSYC 203 or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**PSYC 488****Integrative Psychology Seminar II**

Seminar integrating seminal and cutting edge psychological writings both empirical and conceptual to address key issues in contemporary psychology. Requires 24 credits in psychology.

**Lecture: 3 Lab: 0 Credits: 3**

**PSYC 489****Undergraduate Psychology Seminar**

Reports and discussion of current problems and issues in psychology.

**Prerequisite(s):** (PSYC 221 and PSYC 204) or Graduate standing

**Lecture: 3 Lab: 0 Credits: 3**

**Satisfies:** Social Sciences (S)

**PSYC 497****Special Problems**

Independent study involving compilation and analysis of data bearing on a significant problem. \*\*Instructor permission required.\*\*  
One credit is earned for approximately 3 hours per week of effort.

**Credit:** Variable

**PSYC 498****Advanced Research**

Advanced research for BSMP students.

**Lecture: 0 Lab: 6 Credits: 3**

**LCCHS 100****Introduction to the Professions**

This course is designed for students who are majors in the Departments of Psychology, Humanities, or Social Sciences. or who are undecided about their major. Students will learn about professions in the context of different industries related to majors in those Departments, including entry points for each industry and the career opportunities associated with different sectors. Students will be provided assessments of their abilities and interests to inform their thinking about career paths that represent a best fit.

**Lecture: 2 Lab: 0 Credits: 2**

**Satisfies:** Communications (C)

**LCCHS 201****Introduction to Science, Technology, and Society**

As societies demand, embrace, adapt and reject scientific knowledge and technologies, they reshape the ways that knowledge and technology are produced. The effects are felt in all aspects human identity and interests: from the ways we live our everyday lives, to our understanding of who and what we are, to the making of political decisions of global proportions. This course—drawing from the social sciences and humanities—prepares students to think critically about the human relationships and institutions that make and are remade by scientific and technological change.

**Lecture: 3 Lab: 0 Credits: 3**

**LCCHS 255****Leadership in Sports**

A sports and coach minded approach to leadership concepts and application. Focusing on youth, elementary, professional, and recreational sports and the fundamental elements and differences of leadership at each level.

**Lecture: 3 Lab: 0 Credits: 3**