

# Psychology

**Department:** Psychology

**Department Chair:** J. Bromley

**Department Members:** A. Graci, J. Bromley, W. Eiler, K. Flora

**Major:** Psychology

**Minors:** Psychology

**Associated Major:** Neuroscience

**Associated Minor:** Neuroscience

**Cooperative Program:** Accelerated Master of Public Health; Nursing

**Program Information:** Psychology is the scientific study of human behavior. Even the most introverted, isolated individuals must interact with others at some point; nobody is exempt from the findings of the field of psychology. Because most people interact with others regularly, most people use psychology on a daily basis whether they are aware of it or not. Findings from the field of psychology can be applicable to a broad range of occupations and roles, from managers to teachers to parents. Thus, psychology provides the insight to better understand ourselves and our wide network of relationships.

Operating within the strong liberal arts structure at Franklin College, the Psychology Program communicates to students that psychology offers unique ways of thinking and knowing, which have great potential for helping people identify and cope with the world's problems. Additionally, the program aims to develop in students the compassion, command and comprehension they will need to work toward making the world a better place for all individuals to lead satisfying and productive lives.

The Psychology Program strives to:

- provide students with a broad and deep knowledge base in psychology
- engage students in practical applications of that knowledge base
- enable students to develop methodological competence and ethical sensitivity
- encourage students to play an active role in their education both inside and outside of the classroom.

*All major and minor courses and prerequisites must be completed with a grade of C- or better.*

## **Psychology Major**

*Minimum of 30 semester hours as follows. A maximum of 9 credit hours of transfer credit may be applied to the 30 hours of coursework required for the psychology major.*

### **Core Requirements**

- PSY 117** General Psychology
- PSY 227** Introductory Statistics and Research Methods in Psychology
- PSY 240** Psychological Disorders and Mental Wellness
- PSY 320** Social Psychology
- PSY 322** Behavioral Neuroscience
- PSY 419** Advanced Statistics and Research Methods in Psychology I
- PSY 420** Advanced Statistics and Research Methods in Psychology II
- PSY 422** History and Systems
- PSY 499** Senior Competency Practicum

### **Professional Development Requirements**

- PDP 200** Preparing for your Internship
- PSY 482** Professional Development in Psychology
- PSY 498** Portfolio
- SNT 489 PSY** Internship in Psychology

### **One course from two of the following three categories**

#### *Category A – Developmental/Applied*

- PSY 226** Lifespan Development
- PSY 250** Industrial Organizational Psychology
- PSY 330** Psychology and Law
- PSY 416** Health Psychology

#### *Category B – Personality/Counseling*

- PSY 310** Introduction to Counseling
- PSY 315** Psychology of Diversity
- PSY 421** Theories of Personality

#### *Category C – Cognitive/Biological*

- PSY 210** Introduction to Neuroscience
- PSY 324** Psychology of Learning
- PSY 326** Psychopharmacology
- PSY 328** Cognitive Psychology

### **Related Field Requirement:** Students are required to choose ONE of the following options

- Related Field Option** - Twelve credit hours from one academic field outside of psychology as approved by the department.
- Minor Option** - A minor in an academic field outside of psychology. Students must meet the requirements of the department offering the minor.
- Double Major Option** - A second major at Franklin College. Students must meet all requirements for the second major and the psychology major

**Sequencing Notes:** A student is strongly recommended to take PSY 227 in the first or sophomore year since PSY 227 is a prerequisite for the PSY 419/PSY 420 course sequence. Students contemplating a major or minor in psychology must receive a grade of C- or better in PSY 117 before registering for upper-level classes. Another general

recommendation is that PSY 320 should be completed in the junior year. Students should pay particular attention to alternate year course offerings and carefully plan, in close consultation with their advisor, the timing for taking these courses. Undergraduate research is recommended for students planning to attend graduate school. PSY 419 and PSY 420 should be taken during senior year, and PSY 422 should be taken during spring semester of senior year.

### ***Neuroscience Major***

Please see separate Neuroscience section in this course catalog.

### ***Psychology Minor***

#### **Core Requirement**

**PSY 117** General Psychology

#### **Four of the following courses - At least one of the four courses must be a 300 or 400 level course.**

*Students should select four of the following courses best suited to supplement their major emphasis or career interest, after consultation with advisor or psychology faculty.*

**PSY 210** Introduction to Neuroscience

**PSY 226** Lifespan Development

**PSY 227** Introductory Statistics and Research Methods in Psychology

**PSY 240** Psychological Disorders and Mental Wellness

**PSY 250** Industrial Organizational Psychology

**PSY 310** Introduction to Counseling

**PSY 315** Psychology of Diversity

**PSY 320** Social Psychology

**PSY 322** Behavioral Neuroscience

**PSY 324** Psychology of Learning

**PSY 326** Psychopharmacology

**PSY 328** Cognitive Psychology

**PSY 330** Psychology and Law

**PSY 416** Health Psychology

**PSY 421** Theories of Personality

### ***Neuroscience Minor***

Please see separate Neuroscience section in this course catalog.

### ***Cooperative Programs in Psychology***

Franklin College offers an accelerated Master of Public Health (AMPH) in the form of a 3 + 2 combined Bachelor of Arts (3) and Master of Public Health (2) degree with the IU-I Richard M. Fairbanks School of Public Health. This consists of a common core and specific courses required for each particular program. After completion of three years of college work and fulfilling Franklin College graduation requirements (except total graduation hours and completion of one of the two required comparative perspectives and international courses), students may receive a bachelor of arts degree from Franklin College upon completing one year at IU-I, for a total of 120 semester hours. Successful completion of the first year in the cooperative program satisfies the internship or senior year experience requirement for the major. Any student following these programs who is not accepted by IU-I after the third year could return to Franklin College and receive a bachelor of arts in psychology by completing: 1) all of the remaining requirements for the psychology major, 2) one additional comparative perspectives or international course, and 3) 120 total semester hours required for graduation. (Students with a declared enrollment in the aforementioned cooperative program will be given priority during registration in subsequent semester(s)). See the Public Health section of this catalog for more details.

### **3+2 Program in Psychology and Athletic Training**

Franklin College offers an accelerated Master of Science in Athletic Training (MSAT) track in the form of a combined Bachelor of Arts in Psychology and Master of Science in Athletic Training, with the potential to complete both degrees in five years. This cooperative program consists of common core and specific courses required for each particular program, in addition to specific pre-requisites for application to the MSAT program. Upon acceptance to the MSAT program, the fourth year consists of primarily MSAT graduate courses, while also finishing any required undergraduate courses. After completing three years of undergraduate courses and one year in the MSAT program, students graduate with a Bachelor of Arts degree in Psychology from Franklin College. After completing the second year in the MSAT program, students graduate with their Master's in Athletic Training.

Students interested in this option should apply to the MSAT program by December 31<sup>st</sup> of their junior year to meet the early admission deadline for the MSAT program. Please refer to the Master of Science in Athletic Training section of this catalog for more details.

### **Cooperative Program in Psychology**

Franklin College maintains a cooperative "3+1" program with the University of Indianapolis School of Nursing (UIndy). Students in this program earn a Bachelor of Arts degree from Franklin College in a chosen major and a Bachelor of Science in Nursing (BSN) degree from UIndy. Upon successful completion of all Franklin College requirements (3 years) and the first year of courses at UIndy (1 year), students will receive a B.A. degree from Franklin College. At the completion of the remaining courses at UIndy (3 months), students will receive the B.S.N. degree from UIndy.

Students will declare a major in Biology, Chemistry & Physics, Exercise Science, Psychology, or other applicable major and follow that degree program as stated in the catalog. See the Nursing section of this catalog for more details.

Students following the 3+1 program will be required to make certain selections in their liberal arts curriculum to satisfy the prerequisite nursing requirements at UIndy. Those selections are as follows:

**Human Behavior** – PSY 117 General Psychology and SOC 118 Introduction to Sociology (both required)

**Reasoning and Values** – PHL XXX (any Philosophy course that fulfills the category) or BIO 225 Bioethics

**Note:** Additional prerequisites for admission to the ABSN program are required:

- CHE 121/123 General Chemistry I & Lab
- CHE 122/124 General Chemistry II & Lab
- BIO 373 Microbiology OR approved Microbiology course

For students intending to pursue the ABSN degree majoring in Psychology, the following course substitutions fulfill Franklin College requirements:

- Civic Learning exploratory requirement fulfilled by NURB 325 Transitional Care in Primary Population Health

The following course substitutions fulfill Psychology major requirements:

- PSY 226 Lifespan Development (Category A) fulfilled by NURB 334 Lifespan I: Childbearing, NURB 352 Lifespan II: Child/Family, NURB 362 Lifespan III: Mental Health, & NURB 374 Lifespan IV: Older Adults
- PSY 326 Psychopharmacology (Category C) fulfilled by NURB 285 Introduction to Pharmacology, NURB 365 Pharmacology II, NURB 385 Pharmacology in Nursing III, & NURB 425 Pharmacology in Nursing IV
- PSY 419 Advanced Statistics and Research Methods in Psychology I & PSY 420 Advanced Statistics and Research Methods in Psychology II fulfilled by NURB 330 Principles of Nursing Research and Evidence Based Practice
- PSY 489 Internship in Psychology fulfilled by Nursing clinical practice requirement. Students still need to complete a second Immersive Term experience off-campus at Franklin College as a degree requirement
- PSY 498 Portfolio fulfilled by NURB 330 Principles of Nursing Research and Evidence Based Practice

## Psychology Course Descriptions

|                                   |                            |                |
|-----------------------------------|----------------------------|----------------|
| <b>PSY 117 General Psychology</b> |                            | 4 credit hours |
| Fall and Spring                   | Human Behavior exploratory |                |

Offers an introduction to the field of psychology as a social science. This course covers many areas of investigation of interpersonal and intra-personal processes, such as sensation and perception, memory development, and learning. An understanding of basic psychological principles and perspectives will be emphasized.

|                                             |                                    |                |
|---------------------------------------------|------------------------------------|----------------|
| <b>PSY 210 Introduction to Neuroscience</b> |                                    | 4 credit hours |
| Fall, odd academic years                    | Scientific Thinking<br>exploratory |                |

The human nervous system, particularly the brain, is the most complicated machine in the known universe. With hundreds of billions of moving parts, we are only now beginning to unravel its secrets. The goal of this course is to survey our current understanding of the brain using an integrative approach. Students will examine neuroscience from the perspectives of the natural (e.g. biology, chemistry, physics) and social (e.g. psychology) sciences while also examining the methodologies used in the study of the brain. In addition, we will consider the social and medical implications that evolve from our growing understanding of neuroscience. Future careers in the field of neuroscience will also be discussed.

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| <b>PSY 220 Gerontology</b> |  | 4 credit hours             |
| Spring, odd academic years |  | Prereq: PSY 117 or SOC 118 |

An analysis of the process of aging, which will utilize social, psychological, and structural approaches to gain an understanding of the unique problems which confront the elderly in modern society. Course goals also include the development or refinement of specific skills and techniques for studying or working with older adults through a substantive experiential learning component. Same as SOC 220.

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|-------------------------------------|--|-----------------|
| <b>PSY 226 Lifespan Development</b> |  | 4 credit hours  |
| Spring                              |  | Prereq: PSY 117 |

This course is a survey of major themes of change and constancy from fetal development to death, with emphasis on typical biological, cognitive and socioemotional development. Students will apply theory to practice through observational projects and critical readings of both empirical and popular sources. The impact of ethnic, gender and cultural factors on development will be emphasized.

|                                                                           |  |                                          |
|---------------------------------------------------------------------------|--|------------------------------------------|
| <b>PSY 227 Introductory Statistics and Research Methods in Psychology</b> |  | 4 credit hours                           |
| Fall and Spring                                                           |  | Prereq: PSY 117 or consent of instructor |

This course will prepare students for upper-level psychology courses by providing an overview of various methodologies used by psychologists to understand the world. This writing intensive course will teach students to locate and summarize scholarly articles using APA format. Students will be introduced to SPSS to enter, analyze, and interpret small data sets. Discussion of ethical decision making as part of the research process will be emphasized. The course culminates with a group replication of a previously published psychological study, complete with a full write-up and presentation.

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|------------------------------------------------------------|--|-----------------|
| <b>PSY 240 Psychological Disorders and Mental Wellness</b> |  | 4 credit hours  |
| Fall, even & Spring, odd academic years                    |  | Prereq: PSY 117 |

Offers a survey of adult abnormal psychology integrating theory and research with case histories and first-person narratives.

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| <b>PSY 250 Industrial Organizational Psychology</b> |  | 4 credit hours             |
| Fall, even academic years                           |  | Prereq: MAT 224 or PSY 227 |

This course examines the field of industrial-organizational psychology. Topics studied include test and scale development, selection practices, job satisfaction, absenteeism interventions, turnover, organizational commitment, performance management and leadership. Using empirical evidence, students will examine current organizational practices as compared to best practices through two substantive projects.

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| <b>PSY 300 Topics in Psychology</b> |  | 3-4 credit hours |
| On demand                           |  |                  |

A topic of current interest in psychology will be taught. Topics will vary depending on faculty interest. Course will be offered upon the request of a faculty member and with approval of the Vice President of Academic Affairs.

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| <b>PSY 310 Introduction to Counseling</b> |  | 4 credit hours  |
| Spring, even academic years               |  | Prereq: PSY 117 |

The purpose of this course is to provide an introduction to the theories, research, and practice of counseling. The history as well as the current status of the profession of counseling will be discussed. In addition, the values of the counseling field and underlying assumptions will be described. Scientific and professional aspects of counseling will be explored. Different counseling approaches, including, psychoanalytic, humanistic, behavioral, and cognitive theories, will also be introduced. Introductory active listening and interviewing skills will also be covered.

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|-------------------------------------------|--------------------------------------|-----------------|
| <b>PSY 315 Psychology of Diversity</b>    |                                      | 4 credit hours  |
| Fall, even and Spring, odd academic years | Comparative Perspectives exploratory | Prereq: PSY 117 |

This course will cover the study of culture in psychology and the application of cultural knowledge to the scientific study of human behavior. Areas in cultural psychology that will be covered include research methods, psychological development, health, cognition, emotion, language, and social behavior. This course will also integrate student's previous experiences in the liberal arts curriculum in to their current understanding of their cultural self.

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| <b>PSY 320 Social Psychology</b> |  | 4 credit hours                              |
| Spring                           |  | Prereq: PSY 117 & junior or senior standing |

Survey of laboratory and field research on the interaction of an individual with his or her social environment.

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| <b>PSY 322 Behavioral Neuroscience</b>  |  | 4 credit hours                           |
| Fall, even & spring, odd academic years |  | Prereq: PSY 117 or consent of instructor |

A course focused on the biological underpinnings of human behavior. Topics covered include the nervous system, endocrine system, sensation and perception, memory, language, and other basic behaviors.

|                                       |  |                 |
|---------------------------------------|--|-----------------|
| <b>PSY 324 Psychology of Learning</b> |  | 4 credit hours  |
| Fall                                  |  | Prereq: PSY 117 |

A course focused on theories and principles of animal and human learning. Topics include innate behaviors and habituation, classical conditioning, operant conditioning, observational and motor learning.

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| <b>PSY 326 Psychopharmacology</b> |  | 4 credit hours  |
| Spring, even academic years       |  | Prereq: PSY 117 |

This course will begin with an in-depth study of basic pharmacological principles, including receptor pharmacology and pharmacokinetics. We will cover the locations and actions of the major neurotransmitters. Next, various classes of drugs of abuse, as well as different definitions and theories of drug abuse and addiction, will be discussed. We will consider how the different classes of drugs affect brain function to cause changes in behavior, as well as the consequences of long-term drug exposure and withdrawal. Finally, we will explore pharmacological treatments for various psychological disorders.

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|--------------------------------------------|--|-----------------|
| <b>PSY 328 Cognitive Psychology</b>        |  | 4 credit hours  |
| Fall, even, and Spring, odd academic years |  | Prereq: PSY 117 |

This course examines both basic and complex information processing skills of humans. Topics include memory, selective attention, pattern recognition, comprehension, language processing, decision-making, and problem solving. The objectives for the course are that the student will be able to understand and critically evaluate classic and contemporary research in cognitive psychology, both basic and applied.

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|--------------------------------------------|----------------------------|-----------------|
| <b>PSY 330 Psychology and Law</b>          |                            | 4 credit hours  |
| Fall, odd, and Spring, even academic years | Civic Learning exploratory | Prereq: PSY 117 |

This course examines psychological theory and empirical research as it relates to the legal system. Topics include eyewitness identification, repressed and recovered memories, lie detection, predicting dangerousness, etc. Course objectives are that the student will be able to critically evaluate and relate research to significant questions in the field such as the definition of justice, the place of science (and pseudoscience) in the courtroom, and the proper construction and use of psychological knowledge.

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| <b>PSY 345 Statistical Consulting Project</b> |  | 3 credit hours             |
| Spring                                        |  | Prereq: MAT 224 or MAT 331 |

Each student will work as part of a team to complete a statistical consulting project for a local non-profit agency or other appropriate organization. Special emphasis will be given to the development of skills in project management and consulting. Projects will be chosen to require the use of important statistical concepts such as experimental design, survey design, or regression analysis. Recommended especially for majors in the social sciences who are intending to go to graduate school or for those aiming for careers involving statistical applications. Same as ECO/MAT/SOC 345. Students may receive credit in only one of these cross-referenced courses.

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|----------------------------------|--|-----------------|
| <b>PSY 416 Health Psychology</b> |  | 4 credit hours  |
| Fall, odd academic years         |  | Prereq: PSY 117 |

This course will provide an introduction to the field of health psychology, which is concerned with the roles of behavioral/lifestyle, psychological and social factors on health, illness and chronic disease. The course will address three general subject areas: 1) attitudes, behavior, and lifestyle factors affecting disease prevention and development; 2) stress and the related psychological and social processes associated with disease development and progression; and 3) social and psychological factors involved in the illness experience.

|                                                                         |  |                                                    |
|-------------------------------------------------------------------------|--|----------------------------------------------------|
| <b>PSY 419 Advanced Statistics and Research Methods in Psychology I</b> |  | 4 credit hours                                     |
| Fall                                                                    |  | Prereq: PSY 117, PSY 227 & instructor's permission |

Introduction to the planning, conducting, and interpreting of research in psychology and development of further knowledge of content material associated with selected areas of investigation. Provides the experience of conducting a complete original experiment.

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|--------------------------------------------------------------------------|--|-----------------------------------|
| <b>PSY 420 Advanced Statistics and Research Methods in Psychology II</b> |  | 4 credit hours                    |
| Spring                                                                   |  | Prereq: PSY 419<br>Coreq: PSY 498 |

Advanced course in experimental design which develops a greater understanding of the experimental method and provides the experience of conducting a complete original experiment. Incorporates graduation requirements for senior year experience/project.

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|----------------------------------------|--|---------------------------------------------|
| <b>PSY 421 Theories of Personality</b> |  | 4 credit hours                              |
| Fall, odd academic years               |  | Prereq: PSY 117 & junior or senior standing |

An investigation of theory, testing data, and findings in the study of personality. The course may emphasize one or more approaches such as psychoanalytic, neoanalytic, social psychological, learning, and phenomenological theories.

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|------------------------------------|--|-------------------------------------------------------------------------------------------------------------------|
| <b>PSY 422 History and Systems</b> |  | 3 credit hours                                                                                                    |
| Spring                             |  | Prereq: at least 15 semester hours of PSY excluding PSY 117, senior standing, psychology major;<br>Coreq: PSY 499 |

Historical antecedents of contemporary psychological systems, with special emphasis on the relationship of these systems to contemporary psychological theory.

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|-----------------------------------|--|--------------------------------------------------------------------------|
| <b>PSY 470 Psychology Seminar</b> |  | 3 credit hours                                                           |
| Offered on demand                 |  | Prereq: at least 12 semester hours of psychology & consent of instructor |

An advanced course devoted to an intensive examination of selected topics of psychological importance. Open to psychology majors and other majors with an adequate background in psychology.

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|-------------------------------------------------------|--|-----------------------------------|
| <b>PSY 482 Professional Development in Psychology</b> |  | 1 credit hour                     |
| Spring                                                |  | Prereq: junior or senior standing |

An advanced professional development course for psychology students to prepare for graduate school and/or the workforce. Students will learn specific strategies for using their psychology degree and experiences to market themselves to future employers and graduate programs. Students will revise their resumes, increase their knowledge of professionalism, and improve interviewing skills.

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| <b>PSY 490 Independent Study</b> |  | 1-2 credit hours             |
|                                  |  | Prereq: Departmental consent |

Courses are designed to encourage student initiative and to provide a degree of flexibility in the departmental program. Normally the subject is not sufficiently or appropriately covered in departmental course offerings.

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|--------------------------|--|----------------|
| <b>PSY 498 Portfolio</b> |  | No credit      |
| Spring                   |  | Coreq: PSY 420 |

The main component will be the research project required in PSY 420. Contents may also include assignments and projects of the student's and/or faculty's choosing from other coursework. The professional development and leadership components are part of PSY 420 in that students are guided in preparing and presenting their research projects. Completion of PSY 420 with a grade of C- or better will show completion of portfolio requirement.

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| <b>PSY 499 Senior Competency Practicum</b> |  | No credit      |
| Spring                                     |  | Coreq: PSY 422 |

The requirement for PSY 499 are met by the successful completion of the department's required Major Field Test in Psychology examination, PSY 422. This will be graded as pass/fail.

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| <b>SNT 489 PSY Internship in Psychology</b> |  | 2-4 credit hours |
|                                             |  | Prereq: PDP 200  |

Internship experience in a field related to the student's chosen career field and in conjunction with professional development. Credit hours vary according to particular internship experience. May be completed after the student completes PDP 200.