

Cendara University

Department of Psychology
Course Catalog 2024-2025

Undergraduate Courses

PSY 101: Introduction to Psychology

- **Credits:** 3
 - **Description:**
An overview of the major theories, foundational concepts, and methods in psychology. Topics include perception, learning, motivation, development, and social behavior. Designed for students with no prior background in psychology.
 - **Prerequisites:** None
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PSY 110: Research Methods in Psychology

- **Credits:** 4
 - **Description:**
Introduction to the scientific method as applied to psychological phenomena. Students learn experimental design, data collection, basic analysis, and ethical considerations. Includes laboratory sessions.
 - **Prerequisites:** PSY 101
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PSY 211: Developmental Psychology

- **Credits:** 3
 - **Description:**
Examination of the biological, cognitive, and social development of individuals from infancy through adulthood. Explores key theories and methodological approaches.
 - **Prerequisites:** PSY 101
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PSY 218: Introduction to Cognitive Psychology

- **Credits:** 3
- **Description:**
Exploration of mental processes such as attention, memory, language, perception, and problem-solving. Discussion of experimental findings and theoretical frameworks.
- **Prerequisites:** PSY 101

PSY 230: Social Psychology

- **Credits:** 3
 - **Description:**
Investigation of how social factors influence individual behavior. Major topics include aggression, conformity, group dynamics, attitudes, stereotypes, and prejudice.
 - **Prerequisites:** PSY 101
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PSY 250: Abnormal Psychology

- **Credits:** 3
 - **Description:**
Analysis of the definition, classification, and treatment of mental disorders. Includes an overview of anxiety, mood, psychotic, and personality disorders.
 - **Prerequisites:** PSY 101
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PSY 312: Biological Bases of Behavior

- **Credits:** 3
 - **Description:**
Study of the neural and hormonal foundations of behavior, sensation, and motivation. Emphasizes connections between biological mechanisms and psychological processes.
 - **Prerequisites:** PSY 101, PSY 110
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PSY 320: Introduction to Clinical Psychology

- **Credits:** 3
 - **Description:**
Survey of the principles and practices of clinical assessment, diagnosis, and treatment of mental health conditions. Emphasis on evidence-based approaches.
 - **Prerequisites:** PSY 250
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PSY 340: Personality Psychology

- **Credits:** 3

- **Description:**
Exploration of classical and contemporary theories of personality, methods of assessment, and research findings.
 - **Prerequisites:** PSY 101
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PSY 370: Psychological Statistics

- **Credits:** 4
 - **Description:**
Introduction to descriptive and inferential statistical techniques used in psychological research, including hypothesis testing, ANOVA, regression, and nonparametric approaches. Includes computer-based labs.
 - **Prerequisites:** PSY 110, MTH 101 (Introduction to College Algebra)
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PSY 399: Independent Study in Psychology

- **Credits:** 1-3 (variable)
 - **Description:**
Individual study or research project under faculty supervision in a specialized area of psychology. Requires departmental approval.
 - **Prerequisites:** Permission of instructor, Junior standing
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Graduate Courses

PSY 500: Advanced Research Methods

- **Credits:** 3
 - **Description:**
In-depth examination of quantitative and qualitative research methodologies, data analysis techniques, and ethics in advanced psychological research.
 - **Prerequisites:** PSY 370 or equivalent
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PSY 512: Cognitive Neuroscience

- **Credits:** 3
- **Description:**
Study of neural mechanisms underlying cognitive functions such as perception, memory, and decision-making. Readings from current research literature.
- **Prerequisites:** PSY 312

PSY 522: Advanced Developmental Psychology

- **Credits:** 3
 - **Description:**
Critical analysis of cognitive and emotional development throughout the lifespan. Focus on current issues and empirical research.
 - **Prerequisites:** PSY 211
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PSY 532: Psychopathology

- **Credits:** 3
 - **Description:**
Advanced exploration of psychological disorders, diagnostic criteria, underlying mechanisms, and recent research trends.
 - **Prerequisites:** PSY 250, PSY 320
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PSY 540: Psychological Assessment

- **Credits:** 4
 - **Description:**
Principles and practices of assessment in clinical psychology, including intelligence, personality, and neuropsychological testing.
 - **Prerequisites:** PSY 340, PSY 320
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PSY 550: Interventions in Clinical Psychology

- **Credits:** 3
 - **Description:**
Comprehensive overview of psychotherapeutic interventions, including cognitive-behavioral, psychodynamic, and humanistic approaches. Integrates case studies and supervised practice.
 - **Prerequisites:** PSY 532, PSY 540
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PSY 561: Seminar in Social Cognition

- **Credits:** 2
- **Description:**
Discussion-based seminar focusing on theory and research in social cognitive processes including attitudes, attribution, and emotion regulation.

- **Prerequisites:** PSY 230 (or equivalent)
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PSY 580: Teaching of Psychology

- **Credits:** 2
 - **Description:**
Preparation for teaching undergraduate psychology, covering course planning, assessment, and student engagement strategies. Required for teaching assistants.
 - **Prerequisites:** Graduate standing in Psychology
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PSY 590: Graduate Thesis

- **Credits:** 6
 - **Description:**
Original empirical research conducted under faculty mentorship. Culminates in a thesis and oral defense.
 - **Prerequisites:** Permission of thesis committee
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Doctoral-Level Courses

PSY 601: Advanced Topics in Clinical Psychology

- **Credits:** 3
 - **Description:**
Rotating content seminar on topics such as trauma, substance use disorders, and multicultural assessment. Students critically evaluate recent interventions and research.
 - **Prerequisites:** Admission to Ph.D. program
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PSY 610: Statistical Modeling for Psychologists

- **Credits:** 3
 - **Description:**
Intensive training in advanced statistical techniques including multilevel modeling, structural equation modeling, and Bayesian estimation.
 - **Prerequisites:** PSY 500
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PSY 635: Grant Writing in Psychology

- **Credits:** 2
 - **Description:**
Practical experience in identifying funding sources and developing research grant proposals with feedback from faculty and peers.
 - **Prerequisites:** Graduate standing
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PSY 650: Doctoral Dissertation

- **Credits:** 12
 - **Description:**
Completion of an original dissertation project demonstrating substantial contribution to the field of psychology. Includes proposal, data collection and analysis, manuscript preparation, and defense.
 - **Prerequisites:** Advancement to candidacy
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Additional Notes

- All courses are subject to availability and may require consent from instructors or the department.
- Undergraduate students interested in graduate coursework must obtain special permission.
- Credit hours are based on semester system.

For further information, please consult the Department of Psychology office (psychology@cendara.edu) or visit the Cendara University Courses portal.
