

PS 435**Tests & Measurements**

51 TR 11:00-12:15 pm Martin
 Prerequisite: MT 122 or equivalent. Survey and evaluation of current psychological test theory. Test construction, reliability, validity, and frequently used psychological tests are covered. This is not a course in test administration.

PS 442**Lab Management Science in Psychology**

51 Young
 This course may be repeated for up to three credits. CITI certification for work with human participants must be completed at the beginning of the course. Students will use SONA, SPSS, MediaLab, and Qualtrics to assist faculty and student researchers in troubleshooting research protocols. Lab managers will monitor department lab space and equipment and make sure that researchers using lab space are in compliance with the Institutional Review Board, all federal regulations, as well as APA guidelines, for research for human participants. Lab managers will additionally assure that researchers use lab space as designated by department regulations. By the end of the semester, lab managers will submit a paper that reflects on the impact of technology on psychological science and data collection, shows basic competency in use of laboratory software, and displays the lab manager's depth of knowledge regarding human participant research.
 Prerequisite: B+ or better in PS 301.

PS 455**Child and Adolescent Psychology**

51 TR 11:00-12:15 pm Masterson
 Prerequisite: PS 261 or 262. Conceptualization and definition of developmental psychopathology; the study of developmental processes that contribute to the formation of, or resistance to, psychopathology. Specific focus on the causes, assessment, and treatment of developmental and behavioral disturbances in infants, children, and adolescents. Above all, this course aims to illuminate the mutual influences of psychopathology and normal developmental processes.

PS 457**Psychopathology**

51 MWF 10:00-10:50 am Rainey
 Theories and controversies about psychopathology and the etiology and symptoms of selected categories of emotional disturbance, with special reference to the current Diagnostic and Statistical Manual.

PS 470**Seminar: Children & Families in the Legal System**

51 TR 9:30-10:45 am Swenson
 Overview of relevant case and statutory law pertaining to children and families. Topics include parental rights, child protection, child custody, foster care, juvenile justice, children's rights, children in the courtroom, decision making, and the termination of the parental relationship.
 A term paper and participation in a mock trial are required.

PS 471**Seminar: Ethics in Psychology**

51 TR 11:00-12:15 pm Swenson
 Professional ethics in the field of psychology. Ethical dilemmas that confront mental health service providers and counselors, researchers, university-level educators, and those in psychology-related fields who work in other settings.

Basis for the course is the American Psychological Association Ethical Principles of Psychologists and Code of Conduct and how it is useful in the analysis and resolution of ethical dilemmas.

PS 477**Senior Seminar in Mental Health Services***

51 MW 3:30-4:45 pm Rainey
 Prerequisite: permission of instructor. An advanced course in psychopathology that will focus on a small number of conditions and their treatment.
 *Honors course

PS 481 ABC**Practicum: Industrial/Organizational Psychology**

ABC W 8:00-8:50 am Martin
 Business and industrial settings.

PS 483 ABC**Practicum: Mental Health**

ABC F 8:00-8:50 am Rainey
 Educational and clinical settings.

PS 487 ABC**Practicum: Child and Family Studies**

ABC Ben-Porath, Masterson, or Young
 Educational, clinical, and school settings.

PS 489**Practicum: Hospitalized Child**

51 W 12:00-1:50 pm Swenson
 Prerequisites: PS 261 or PS 262 and permission of instructor. Sequence of supervised experiences in the application of psychological principles and techniques to physical and emotional problems with infants, children, adolescents, and their families in a university medical setting.

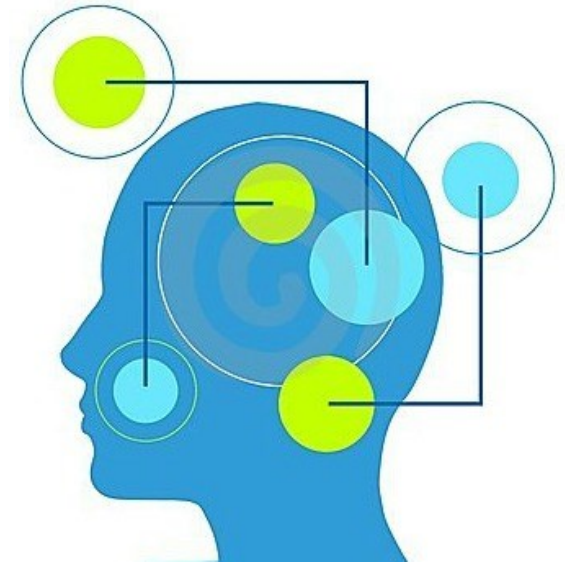
PS 497N**Advanced Research in Neuroscience**

51 Murphy
 Prerequisites: 3.0 GPA and permission of Neuroscience concentration coordinator. Advanced undergraduate participation in the conception, design, execution, and reporting of a research project in neuroscience. A course plan must be developed with the instructor and approved by the Neuroscience coordinator prior to enrollment

Questions? contact Ruta Marino
 rmarino@jcu.edu 216.397.4355

Course Waiting List Requests: <http://sites.jcu.edu/psychology/pages/request-a-force-card/>

Spring 2015 Course Offerings



The Department of Psychological Science

Dr. Sheri D. Young, Chair
John Carroll University

<http://sites.jcu.edu/psychology/>

PS 101**Introduction to Psychology**

1	MW	5:00-6:15 pm	Kus
51	MWF	9:00-9:50 am	Kus
52	MWF	10:00-10:50 am	Chase
53	MWF	11:00-11:50 am	McNally
54	MWF	12:00-12:50 pm	Chase
57	MW	3:30-4:45 pm	Imam
58	TR	8:00-9:15 am	Tabak
59	TR	9:30-10:45 am	Tabak
60	TR	2:00-3:15 pm	South
61	TR	11:00-12:15 pm	Keary
62*	TR	12:30-1:45 pm	Ben-Porath
63	TR	12:30-1:45 pm	Evans

Fundamental principles of behavior, including research methods, learning, memory and cognition, biological basis of behavior, perception, motivation, human development, social psychology, personality, psychopathology, and psychological testing. A prerequisite to all PS courses at the 200 level and beyond.

*Honors course— Open to all students.

PS 150**Violence & Aggression**

51	TR	2:00-3:15 pm	Evans
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Biological, psychological, and sociological aspects of violence and aggression. Basic theories and principles relevant to the topic in general and the components of specific acts and forms of violence. Does not fulfill requirements of the psychology major.

PS 175**Life Span Development**

51	MWF	12:00-12:50 pm	McNally
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Survey of basic theories and research relative to human growth and development from prenatal development through the end of life with an emphasis on the physiological, cognitive, socio-emotional, psychological, and cultural changes at various stages of life. Intended for non-majors, particularly those pursuing careers in the health professions. Does not fulfill requirements of the psychology major. *Cannot be taken concurrently with PS 261, PS 262, or PS 365.*

PS 190**Preparing for Grad School in Psychology**

1	T	5:30-7:10 pm	Kus
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Information on preparation for, selection of, and applying to psychology graduate programs. Does not fulfill requirements of the psychology major. Pass/Fail. *First 7 weeks of semester only.*

PS 226**Drugs & Behavior**

51	TR	11:00-12:15 pm	Murphy
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Introduction to the field of psychopharmacology with special emphasis on the relationship between drugs and human behavior. Topics include history, routes of administration, absorption, distribution, metabolism, excretion, and adverse effects of psychoactive drugs. Students intending to follow the neuroscience concentration must take PS 426, not PS 226.

PS 241**Social Psychology**

51	MWF	11:00-11:50 am	Yost
52	MWF	1:00-1:50 pm	Yost

Introduction to the scientific field that explores the nature and causes of individual behavior and thought in social situations. Social psychology is the science of everyday, normal behavior. Topics include nonverbal behavior, the detection of lying, attributions we make about the causes of behavior, social cognition, prejudice, self-concept, interpersonal attraction, persuasion, and aggression.

PS 261**Child Development**

51	MWF	10:00-10:50 am	Young
52	MWF	11:00-11:50 am	Young

Prerequisite: PS 101 (or ED 201 for Education majors only). Survey of the basic theories and research relative to human growth and development from conception through late childhood, with emphasis on the physiological, intellectual, socio-emotional, and cultural changes associated with human life. *Cannot be taken concurrently with PS 175.*

PS 262**Adolescent Development**

51	TR	12:30-1:45 pm	Masterson
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Prerequisite: PS 101 (or ED 201 for Education majors only). Survey of the basic theories and research relative to human growth and development from pre-adolescence to young adulthood, with emphasis on the physiological, intellectual, socio-emotional, and cultural changes associated with human life. *Cannot be taken concurrently with PS 175.*

PS 301/PS 301L**Experimental Design and Analysis w/ Lab**

51	MF	10:00-11:15 am	Imam
51L	W	10:00-11:50 am	Imam
52	T	11:00-1:45 pm	South
52L	R	11:00-12:50 pm	South

Prerequisites: MT 122, 223 (with at least a C- in MT 223); Corequisite: PS 301L. Introduction to the scientific method as it is used to design, conduct, and analyze experiments in psychology.

PS 318/PS 301L**Sensation & Perception w/ Lab**

51	MW	1:00-1:50 pm	McCarthy
51L	F	1:00-2:50 pm	McCarthy

Corequisite: PS 318L. Structure and function of the sensory systems, how they encode environmental stimuli, and how we process these stimuli to perceive the world. Perceptual illusions are demonstrated and explained.

PS 326**Psychobiology**

51	MWF	8:00-8:50 am	Murphy
52	MWF	9:00-9:50 am	Murphy

Prerequisite: PS 101 or BL 155. Study of the anatomical, physiological, and biochemical mechanisms underlying behavior.

PS 332/PS 332L**Learning & Behavior w/ Lab**

51	WF	1:00-1:50 pm	Imam
51L	M	1:00-2:50 pm	Imam

Corequisite: PS 332L. Fundamentals of classical and operant conditioning and how they may be used to change behavior in applied settings.

PS 359**Industrial & Organizational Psychology**

51	TR	12:30-1:45 pm	Martin
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Topics for understanding the selection and evaluation of workers within organizations. Current theories of work motivation, job design, and leadership, with an emphasis on applications within organizations.

PS 362**Health Psychology**

51	TR	9:30-10:45 am	Keary
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Demonstrates and highlights how the biopsychosocial model can be applied to a multitude of populations—both healthy and ill—and contexts (e.g., disease prevention and treatment).

PS 375**Clinical Psychology**

51	MWF	2:00-3:15 pm	Ben-Porath
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Topics unique to the clinical psychologist, including psychological assessment, treatment intervention, professional issues, single-case research designs, and subspecialties in the area of clinical psychology. Specialized topics include neuropsychology, forensic psychology, and child clinical psychology.

PS 380/PS 380L**Human Memory & Cognition w/ Lab**

51	WF	9:00-9:50 am	McCarthy
51L	M	9:00-10:50 am	McCarthy

Corequisite: PS 380L. What psychology has found about how people acquire and use knowledge. Topics include attention, how meaning is represented, memory, language, reasoning, and problem solving.

PS 401**Advanced Research Methods**

51	TR	12:30-1:45 pm	Yost
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Prerequisites: PS 301 and PS 301L (with at least a B) and permission of instructor. Students plan, conduct, and analyze data from individual research projects, and prepare a manuscript suitable for submission to a psychological journal.

PS 407**Psychology of Autism**

51	TR	2:00-3:15 pm	Masterson
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For students interested in learning more about individuals with autism spectrum disorders. Focus on the characteristics and incidence of autism, and the implications for children's learning, behavior and ability to process information. Students will explore the latest research on potential causes, best practices for assessment and intervention, areas of impairment, as well as current issues related to autism services. Highly recommended for students participating in the autism internship at the Cleveland Clinic Center for Autism.

PS 415**Multicultural Psychology**

51	MWF	1:00-1:50 pm	Young
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Multicultural Psychology examines the influence of sociocultural and historical factors on thought and behavior at the individual, group, and broader cultural levels. The course will focus on psychological concepts and findings, while determining the role race, ethnicity, gender, and class have on the perceptions of those concepts and findings. Students will explore and critically evaluate the perspectives of others, as well as their own, working toward enhancing cultural competencies.

PS 426**Psychopharmacology**

51	TR	11:00-12:15 pm	Murphy
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Prerequisite: PS 326 or BL 155. Not open to those with credit in PS 226. Effects of psychotropic drugs on behavior, cognitive functioning, and emotion, with an emphasis on both psychotherapeutic agents utilized in the treatment of biochemical abnormalities associated with various psychopathologies and drugs of abuse.