

UNDERGRADUATE PSYCHOLOGY

The Psychological Sciences

Psychology is the study of the relationships among mental processes, brain systems, and behavior. Because these are complex subjects, psychology has many subdivisions and areas of specialization. Students graduating with an undergraduate degree in psychology from Rutgers have many different aspirations and career paths. Thus, our curriculum allows students flexibility in choosing the trajectory and intensity of the psychological training they will receive. Our aim is two-fold, first to prepare students for graduate professional training in behavioral neuroscience, cognitive, social, or clinical psychology or closely related disciplines, and secondly to equip all of our students with the basic concepts and skills in psychology to match the ever-changing demands of our fast-paced world. To accomplish both goals students are required to master a common base of knowledge, concepts, and skills prior to graduation. In addition, students learn to design research, to use quantitative analyses, to employ higher-order cognitive skills, and to practice the application of psychological concepts to areas outside the classroom both professionally and for civic engagement.

The Department of Psychology

With about 50 full-time faculty members, the Department of Psychology is able to offer students a broad selection of core and specialty courses as well as opportunities for research, independent study, internships, and fieldwork. We are the largest undergraduate program within the Rutgers University School of Arts and Sciences (SAS). The research-active faculty, who publish in all areas of applied and basic research in psychology, is nationally recognized. Support for research comes from the National Institutes of Mental Health, the National Science Foundation, and other public and private foundations. Our offices and laboratories are located in Tillett Hall (Livingston campus) and the Psychology Building (Busch campus).

The Major in Psychology

The major in Psychology consists of *General Psychology*, *Quantitative Methods*, a laboratory course, one course in each of the 4 core areas (Behavioral Systems Neuroscience, Clinical, Cognitive, and Social), 6 psychology electives, and one 400-level advanced course (41 credits total). We offer more than 30 advanced elective courses, including specialty seminars, covering virtually every area of psychology.

The Minor in Psychology

The minor in psychology consists of *General Psychology* and 5 psychology electives. (18 credits total)

The Minor in Developmental Psychology

The minor Developmental Psychology consists of *General Psychology*, *Principles of Developmental Psychology*, and 4 courses from the Developmental Psychology minor electives list (18 credits total).

The Honors Major in Psychology

Students with excellent academic records may plan and conduct their own research project with a faculty member as part of the Honors Major in Psychology. This track requires 47 credits of work in psychology, including 6 credits of honors research and a 3-credit honors seminar course that fulfills the major's 400 level requirement. The project culminates in a thesis and poster that is presented at the annual Honors Poster Session to which parents, family members, and the academic community are invited. Students receive awards for the best research proposals and projects as well as earn the BA with Honors in Psychology on their transcripts. Additionally, students often have the opportunity to present their work at national meetings and to publish their work in professional journals. Completing the Honors Major enhances a student's prospects for acceptance into graduate school for psychology and related sciences or for other fields such as law, business, medicine, and social work.

Psychology majors with high grade-point averages may be elected to Psi Chi, the International Honor Society in Psychology, and may be eligible for special research programs, awards, and graduation honors.

Opportunities for Independent Work

Students may choose independent study, in the form of a laboratory apprenticeship or a reading course, in which a student and faculty member collaborate on research or an in-depth study of specialized topics.

The department arranges meaningful work experiences for students. Undergraduates currently work in schools, adult mental health centers, at programs associated with the Division of Youth and Family Services, and with foster children in their homes. Fieldwork in Psychology courses provide students with the opportunity to work with preschoolers or with autistic children and adults. For internships in Applied, School and Community Psychology, students participate in supervised work at prevention units, advocacy and self-help organizations, inpatient psychiatric facilities, and public schools.

These opportunities help students clarify career interests and enhance their credentials for graduate training. Many of our majors go on to earn Master's, Ph.D., and Psy.D. degrees in psychology.

For Further Information:

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Visit our web site at <http://psych.rutgers.edu/undergraduate> or e-mail your questions to advisor@psych.rutgers.edu

Psychology Courses

- 830:101 General Psychology
 830:123 Soul Beliefs: Causes and Consequences
 830:200 Quantitative Methods in Psychology
 830:201 Principle & Issues in Psychological Sci
 830:210 Behavioral Data Analysis
 830:220 Psycho Themes & Theories in Film
 830:250 Psychology of Art
 830:271 Principles of Developmental Psych
 830:301 Sensation and Perception
 830:302 Sensation and Perception Lab
 830:303 Memory
 830:304 Memory Lab
 830:305 Cognition
 830:306 Cognition Lab
 830:307 Perception in Cognitive Science
 830:308 Psychosocial Fnd of Hlth & Medicine
 830:310 Neuropsychology
 830:311 Learning Processes
 830:312 Learning Processes Lab
 830:313 Physiological Psychology
 830:314 Physiological Psychology Lab
 830:315 Comparative Psychology
 830:316 Comparative Psychology Lab
 820:320 Forensic Psychology
 830:321 Social Psychology
 830:323 Research Methods in Social Psychology
 830:325 The Religious Mind
 830:326 Small Groups
 830:327 Small Groups Lab
 830:331 Infant and Child Development
 830:332 Infant and Child Development Lab
 830:333 Adolescent Development
 830:335 Adult Development and Aging
 830:338 Personality Psychology
 830:340 Abnormal Psychology
 830:341 Abnormal Psychology Lab
 830:342 Research in Personality
 830:343 Research in Personality Lab
 830:346 Atyp Develop in Childhood & Adoles
 830:348 Psychological Tests and Measurements
 830:349 Psycholog Tests &Measurements Lab
 830:351 Psychology of Language
 830:352 Psychology of Language Lab
 830:355 Research Methods in Psychology
 830:356 Research Methods in Psychology Lab
 830:358 Explrng Science of Perception & Cognition
 830:360 Drugs and Human Behavior
 830:361 Developmental Psychobiology
 830:362 Psychology of Sex and Gender
 830:364 Motivation and Emotion
 830:371 Group Dynamics
 830:372 Psychological Approach to Social Problms
 830:373 Organizational and Personnel Psychology
 830:375 Prejudice and Conflict
 830:377 Health Psychology
 830:380/381 Field Work: Foster Care I/II
 830:382 Field Work: Autism I
 830:383 Field Work: Autism II
 830:388 Field Work: Child Development
 830:389 Field Work: Child Development II
 830:391/392 Research in Psychology
 830:394 Commun Psych & Community Mental Hlth
 830:398 CESEP(Civic Engage & Serv Ed Prtnrshp)
 830:400 Adv Statistical Methods in Psychology
 830:401 (402) Adv Topics in Human Cognition
 830:403 Programming for Behavioral Scientists
 830:408 (409) Reason, Prob Solv & Decis Making
 830:410 (411) Advanced Topics in Psychobiology
 830:412 (414) Neuropsychopharmacology
 830:413 Neuropsychopharmacology Lab
 830:415 History of Brain Science
 830:421 (422) Advanced Topics in Social Psych
 830:425 (426) Advanced Topics in Health Psych
 830:431 (432) Adv Topics in Developmental Psych
 830:441 (442) Adv Topics in Personality Psych
 830:450 Therapeutic Relationships in Clinical Practice
 830:451 (452) Adv Top in Clinical & Abnormal Psych
 830:453 (454) Systems of Psychotherapy
 830:455 (456) Positive Psychology
 830:463 (464) Behavioral Pharmacology
 830:470 (471) History of Psychology
 830:480 (481) Adv Topics in Visual Perception
 830:484 (485) Language Acquisition
 830:490 Honors Research Seminar
 830:493 Internship in Applied & Community Psych
 830:494 Intern Seminar in Appl & Commun Psych
 830:495/496 Advanced Research in Psych
 830:497/498 Honors Research in Psychology

Department of Psychology School of Arts and Sciences

Rutgers University
New Brunswick NJ



Our Faculty Members

- John R. Aiello, Ph.D. Michigan State
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 Keiko Brynildsen, Ph.D. UC Riverside
 David Barker, Ph.D. Rutgers
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 Shana Cole, Ph.D. NYU
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 Linnea R. Dickson, Ph.D. Rutgers
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