Department: Psychology

Degree: MA

GRADUATE LEARNING GOALS & OUTCOMES

- Understand the basic concepts that characterize psychology as a field of scientific inquiry and appreciate the various subfields of the discipline that range from personality to cognitive neuroscience.
- Develop an understanding and an appreciation of how learning and biology jointly shape behavior and experience.
- Sharpen critical thinking skills in the ability to read and evaluate original scientific literature, and to think critically about the range of methods used to investigate behavior and experience.
- Understand key concepts of hypothesis testing and inferential statistics; learn to conduct and interpret the results from statistical tests run in various statistical computer programs, including R and IBM SPSS (with optional SAS and Matlab).
- Design and conduct empirical research, including critical analysis of relevant literature, formulation of a testable hypothesis, design of valid and reliable data collection methods, application of appropriate statistical analysis and interpretation of findings, and the written and oral communication of findings.
- Develop an awareness of the parameters, principles, and importance of ethical conduct in researching behavior, including the recognition of and respect for socio-cultural complexity and international diversity.

GRADUATE OUTCOME LANGUAGE:

- “Recent graduates of our master’s program have gone on to pursuits such as doctoral programs, research assistants, clinical research coordinators and project managers.”

- Develop realistic ideas and plans about how to pursue careers in psychology and related fields like law, medicine, and business.”
Department: Psychology
Degree: PHD

GRADUATE LEARNING GOALS & OUTCOMES

- Understand the basic concepts that characterize psychology as a field of scientific inquiry and appreciate the various subfields of the discipline that range from personality to cognitive neuroscience.
- Sharpen critical thinking skills in the ability to read and evaluate original scientific literature, and to think critically about the range of methods used to investigate behavior and experience.
- Understand key concepts of hypothesis testing and inferential statistics; learn to conduct and interpret the results from statistical tests run in various statistical computer programs (e.g., SPSS, R, SAS, Matlab).
- Design, conduct, analyze, and disseminate a significant body of original empirical research that advances a specific field of study in the psychological sciences. This includes conveying research ideas and findings in both written (e.g., manuscripts, grant proposals) and oral (e.g., talks, posters) presentations.
- Be able to teach and promote ideas in the field of psychological sciences.
- Develop an awareness of the parameters, principles, and importance of ethical conduct in researching behavior, including the recognition of and respect for socio-cultural complexity and international diversity.

GRADUATE OUTCOME LANGUAGE:

- DISSERTATIONS AND JOB PLACEMENTS (see http://www.brandeis.edu/departments/psych/doctoral/placement.html)
- Develop realistic ideas and plans about how to pursue diverse careers in psychology and related fields like law, medicine, and business