LEARNING OUTCOMES: PSYCHOLOGICAL SCIENCE, MS

Learning Outcomes for the Master of Science in Psychological Science

1. Students will demonstrate an advanced level of knowledge about topics in psychological science (e.g., current debates in the field, current methods and measurement practices, and new issues in research ethics).

2. Students will demonstrate depth of knowledge of content and methods in their program of study (e.g., attention and perception, cognitive neuroscience, social psychology, industrial/organizational psychology). Depth of knowledge will be acquired through participation in active research labs, production of a lab report, selection of specialized electives, and the successful practice of critically evaluating research in psychological science. Critical evaluation includes considering internal and external validity, implications for theory, and methodological and analytical integrity.

3. Students will demonstrate research skills (design, analysis, and interpretation of research reports) in major and subfields of psychological science through coursework in statistics and research practices, and through participation in active research laboratories. In courses and in lab contexts, students will use appropriate statistical techniques to analyze data and interpret results.

4. Students will identify and communicate independent research interests. Students will identify independent research interests through discussion with their advisor and through a review of the literature. Students will communicate independent interests through a formal presentation of their ideas as part of a public speaking requirement in core courses. Students will communicate these interests through a written report, or successful submission of a proposal to the OPRS, or the submission of a pre-registered report, or by contributing to the creation of a manuscript.

5. Students will produce examples of academic writing that reflect independent research interests. Students will demonstrate writing competency through a written report, or submission of a pre-registered report, or successful submission of a proposal to the OPRS, or the creation of a manuscript.

6. Students will set academic goals and design action plans for pursuing doctoral work or jobs in the industry through the construction of professional development materials (e.g., the creation of a CV, resume, cover letter, professional profile, personal statement, and research plan).