

# **PSYC 2699 – Undergraduate Research (CRN 89108)**

## **Summer 2026 | Section THO**

### **Course Description**

Students will participate in research in the Decision Processes Laboratory (DPL), focusing on behavioral experiments and cognitive modeling of decision-making under uncertainty.

Students will gain experience running human participant experiments, managing data, and contributing to computational modeling projects using tools such as R or Python.

### **Core Impacts of the Course**

- Develop the ability to think scientifically about human behavior and decision-making
- Gain hands-on experience conducting behavioral experiments with human participants
- Build foundational skills in data analysis and computational modeling
- Understand how cognitive theories are formalized and tested using models
- Strengthen problem-solving, critical thinking, and research design skills
- Develop professional research habits including communication, collaboration, and time management
- Engage in the full research process from hypothesis generation to interpretation of results
- Apply ethical principles in the conduct of research