

Psy 509 (Supervised Research) Guidelines

Psy 509 provides students the opportunity to conduct research under the supervision of a faculty member and receive elective credit. Students will be involved in all or several phases of the research process that may include literature review, generating the research question, research design, creating stimuli, materials and experimenter scripts or protocols, submission of an Institutional Review Board (IRB) or Institutional Animal Care and Use Committee (IACUC) application, data collection, data entry, data analysis, data interpretation, and data write-up.

Students can enroll in Psy 509 for either 2 or 4 credits per semester. Students receive a letter grade determined by their research supervisor.

The specific parts of the research process or specific tasks the student must complete to receive Psy 509 credit will be decided by the student and supervising faculty member and indicated in a contract signed by the student, supervising faculty member, and chair of the department. Contracts will be based upon the guidelines described below.

PSY 509 does *not* count toward the psychology major. Students are permitted to enroll in Psy 509 more than one semester, but note that university policy mandates that no more than 12 hours of credit earned through individualized instruction in research (PSY 509, PSY 510) and/or internship in any department (e.g., PSY 503, PSY 505) may contribute to the 128 credits required for graduation.

Psy 509 for 2 credits:

To receive 2 credits for Psy 509, students must work *at least* an average of 5 hours per week across the semester on the project. The work completed will depend on the particular project. For instance, for students beginning a project, they may conduct a thorough literature review, design the study and procedures, create materials or stimuli (as appropriate to the project), create an experimenter script or protocol, submit an IRB or IACUC application, and complete a written research proposal that includes a summary of the literature review, research design, method, and hypotheses. For students who have already begun data collection on the project (or are ready to begin data collection), they may complete the data collection, enter all data, analyze the data, interpret the results from data analysis, and apply to present the research at a conference (either a poster or talk) or write a paper (in APA style, or in the style of a scientific journal specified by the supervising faculty member) describing the research.

Psy 509 for 4 credits:

To receive 4 credits for Psy 509, students must work *at least* an average of 10 hours per week across the semester on the project. Under the supervision of a faculty member, students should conduct a thorough literature review, design the study and procedures, create materials or stimuli (as appropriate to the project), create an experimenter script or protocol, submit an IRB or IACUC application, complete data collection, enter all data, analyze data, interpret results from data analysis, and present the research at a conference (either a poster or talk) and write a paper (in APA style, or in the style of a scientific journal specified by the supervising faculty member) describing the research.

List of research tasks students may complete:

2 credit requirements:

Beginning Phase Research:

- Literature Review
- Create design and method
- Create materials, stimuli, apparatus, etc.
- Create experimenter script
- Submit application to IRB
- Complete research proposal (including summary of the literature, research design, method, and hypotheses)

End Phase Research:

- Complete data collection
- Enter and analyze data
- Interpret data
- Present research at a conference (poster or oral presentation) or write a manuscript describing the research

4 credit requirements:

- Literature Review
- Create design and method
- Create materials, stimuli, apparatus, etc.
- Create experimenter script
- Submit application to IRB
- Complete data collection
- Enter and analyze data
- Interpret data
- Present research at a conference (poster or oral presentation)
- Write a manuscript describing the research