

Guidelines for Directed Reading and Directed Research for the Cognitive Science, Cognitive Neuroscience, and Psychology Concentrations

CPSY 1970 (Directed Reading) and CPSY 1980 (Directed Research) serve as elective or capstone courses for the Cognitive Science, Cognitive Neuroscience, and Psychology concentrations. Students not in the Honors program may enroll in either CPSY 1970 or 1980, depending on the nature of their proposed project. Students admitted to the Honors program must enroll in two semesters of CPSY 1980 during their senior year; see the Honors guidelines for more details: <https://copsy.brown.edu/undergraduate-study/honors>

No student may take more than two semesters of either CPSY 1970 or 1980 for concentration credit.

Students pursuing Directed Reading (CPSY 1970) courses are expected to master and synthesize a body of literature, going beyond material covered in regular courses in both depth and critical evaluation. Students pursuing Directed Research (CPSY 1980) courses are expected to plan, design, and execute a research project. They are expected to develop a strong understanding of the relevant literature and to contribute meaningfully to data collection and analysis.

Both CPSY 1970 and 1980 require supervision by a faculty sponsor at Brown University. The faculty sponsor must have a formal affiliation (primary, secondary, research, or affiliate) with the CPSY department and hold a Professorial rank (Professor, Teaching Professor, Research Professor, Professor of the Practice) at any level (assistant, associate, full). Brown faculty at these ranks who are not affiliated with the CPSY department may sponsor CPSY 1970 or 1980 after completion of a Project Proposal form and with approval from the Departmental Undergraduate Curriculum Committee (DUCC). Clinical Professors, instructors, post-doctoral research associates, and adjunct faculty are not eligible to act as sponsors. Faculty at other institutions are not eligible to act as sponsors. Students should discuss their ideas for CPSY 1970 and 1980 with their concentration advisor, who can assist in identifying appropriate faculty sponsors.

Students and faculty sponsors must adhere to the following requirements:

1. CPSY 1970 and 1980 are formal courses and so must include 180 hours of instructional time over the semester. Students should expect to spend between 10-14 hours each week on their project. Students should keep a log of their hours.
2. Faculty sponsors are expected to make available adequate space and resources (i.e., funding) for project completion. No CPSY department funding is available for research costs, travel costs, student stipends, or any other expenses associated with the project.
3. Faculty sponsors are responsible for assisting the student with obtaining IRB or IACUC approval; this approval must be received prior to collecting data. Faculty sponsors are expected to assist students with recruiting participants. They must also ensure that students have received any required training (e.g., CITI, Animal Care & Use, Laboratory Safety) needed for the project. This training must be completed before the project begins.
4. Faculty sponsors are expected to be available to the student for mentoring and advising throughout the semester. The student and faculty sponsor should hold regular formal meetings, individually or as part of group lab meetings.
5. Students are required to submit written work as part of CPSY 1970/1980. This written work can take several forms, e.g., a lab notebook, a literature review, a research proposal, a poster, a laboratory report, or a manuscript detailing results of the project. The exact form of the written work should be agreed upon by the faculty sponsor and the student in advance of registering for these courses. Faculty sponsors should outline to the student clear expectations and criteria for assigning grades. Students should submit their work to their faculty sponsor by the Registrar's specified due date.

Any issues emerging from independent study courses should be discussed first with the faculty sponsor, then with the concentration advisor, and finally with the Director of Undergraduate Studies (DUS).

The Project Proposal Plan

Students proposing to pursue Directed Reading or Directed Research courses with faculty members not affiliated with the CPSY department must submit a Project Proposal Plan (PPP) to their concentration advisor for approval. The PPP must outline the proposed project and describe how it relates intellectually to the student's concentration in CPSY. The plan must be signed by both the student and the proposed sponsor, and must be submitted to the concentration advisor before the end of the drop/add period for that semester. The PPP will be reviewed by the concentration advisor and the DUS. If approved, then the DUS will arrange for the proposed sponsor to obtain a section number for CPSY 1970/1980 and the student can then register. It is the student's responsibility to submit the PPP and obtain permission before the Registrar's deadline to add a course (even with a late fee). The PPP is available under the heading "Guidelines for Directed Reading and Directed Research" on this page:

<https://copsy.brown.edu/undergraduate-study/concentrations>

Students interested in pursuing Honors should instead complete the Honors application:

<https://copsy.brown.edu/undergraduate-study/honors>