The University of Hong Kong
Department of Psychology
An Overview of PSYC2112 Research Internship in Neuroscience

Course description

Students will have an opportunity to learn to do research as an intern in ongoing empirical research projects under a teacher's supervision in the Department of Psychology. Students spend 10-12 hours per week assisting various research activities. The internship includes participating in lab meetings or meeting individually with the supervisor, reading relevant theoretical and empirical articles, assisting in ongoing empirical research projects, and writing an internship report. Information about research projects offering internship placements and application procedure will be available in the Psychology Department webpage.

Objectives

The internship aims at engaging students in research to prepare them better for their capstone projects. More generally, this internship is designed to offer students an opportunity to observe scientific research up close and gain hands-on research experience by working as a member in an active research team.

Course Learning Outcomes

On completing the course, students will be able to:

1. critically evaluate neuroscience research methodology.
2. implement research designs.
3. understand how to apply neuroscience theories and concepts to research design to study ill-defined problems in everyday life.
4. conduct research in a responsible and ethical manner and critically evaluate the ethical soundness of a neuroscience research study.
5. critically evaluate their own assumptions and biases in conducting research including collecting and coding data.

Course Content and Topics

Course content and topics vary across research labs. In general, they should cover:

1. Application of neuroscience theories, prior research, and pilot data to research design in studying ill-defined problems in everyday life.
2. How to conduct research in a professional, responsible, and ethical manner.
3. Hands-on experience in implementing research studies such as preparation of research materials, data collection, processing, and coding.

Required/Recommended Readings and Online Materials

Readings and online materials are subjected to individual supervisor's recommendation / requirement.

Course Assessment

Assessment method	Type of assessment (e.g. description of assignment)	Weighting (%)
1. Supervisor's assessment	Performance as a research assistant and participation and contribution in lab/supervision meetings.	80%
2. Written report	A report on research work performed with relevant background and reflections on learning achieved.	20%

Each intern will be graded by the supervisor on performance as a research assistant (10 to 12 hours per week), participation and contribution in lab or supervision meetings, and quality of internship report. The internship report will be a 6- to 10-page double-spaced paper. It should include a discussion of theories and empirical research relevant to the projects that the intern has worked on (based on assigned readings), what the intern has done and learned in the projects, what the challenges were, and how they were dealt with.

Application Procedure

1. For research internship opportunities offered by lecturers, please click the lecturer's name below and read the details under "Research Internship Opportunities".

   Department of Psychology
   Prof. Fan CAO
   Prof. Dorita H. F. CHANG
   Prof. Sing-hang CHEUNG
   Prof. Xiaoqing HU
   Prof. Chih-Mao HUANG
   Prof. Frances Jin
   Prof. Andrew LUO
   Prof. Robin SHAO

   Students may also approach Prof. OUYANG Guang from the Faculty of Education, for research internship opportunities in neuroscience.

2. Select the research project which you are interested in, and contact the lecturer for further information.

3. Fill in the application form and return it to the General Office of the Psychology Department before the deadline. The form should be endorsed by the lecturer or attached with an email confirmation of acceptance.

4. Enroll the course (PSYC2112) through Student Portal.

The University of Hong Kong
Department of Psychology
PSYC2112 Research Internship in Neuroscience
Application Form

Notes:

(1) Please read carefully the course outline of Research Internship in Neuroscience (PSYC2112) before completing this application form.

(2) The completed application form should be sent to **ugpsyc@hku.hk** before the deadline.

(3) Please be reminded to enroll the course PSYC2112 in the appropriate semester in the HKU portal before the end of add/drop period.

Name:_____ University No:_____

Degree:_____ Year of Study:_____

Email address:_____ Mobile no.:_____

Course Code & Course Title	**Semester offered**	**Application deadline**	**Please tick as appropriate**
PSYC2112 Research Internship in Neuroscience	Semester 1	Sep 15, 2026	
	Semester 2	Feb 1, 2027	

Lecturer's Name: _____

Research Internship Project Topic:

_____

_____

Declaration:
I understand that I have the responsibility to contact my supervisor for lab meeting and arrangement of work in the lab.

Student's Signature _____ Date _____

Lecturer's Signature _____ Date _____
(You may also attach with an email confirmation of acceptance from the supervisor.)

Course approval status will be notified through the SIS course selection status.