

神經科學研究所碩士班

111 學年度

最低修業年限	1 年
應修學分數	24 學分
應修(應選)課程及符合畢業資格之修課相關規定	<p>(一) 必修科目：</p> <p>甲組 (分子細胞神經科學組)</p> <p>認知神經科學導論 (2 學分)</p> <p>神經科學研究方法 (2 學分)</p> <p>學生學術研究倫理教育課程 (0 學分)</p> <p>神經科學總論 (3 學分)</p> <p>神經科學專論 (3 學分)</p> <p>註：以上自 107 學年度開始實施，新舊生適用。</p> <p>乙組 (認知神經科學組)</p> <p>認知神經科學總論 (3 學分)</p> <p>神經生物學導論 (2 學分)</p> <p>數理統計 (2 學分)</p> <p>學生學術研究倫理教育課程 (0 學分)</p> <p>認知神經科學方法：理論與實作 (2 學分)</p> <p>註：以上自 104 學年度開始實施，103 學年度前入學生修畢「認知神經科學方法」且成績及格者，得免修「認知神經科學方法：理論與實作」。</p> <p>丙組 (神經科技組)</p> <p>學生學術研究倫理教育課程 (0 學分)</p> <p>可跨組修習甲、乙組的必修科目，達 9 學分。</p> <p>丁組 (醫師科學家組)</p> <p>學生學術研究倫理教育課程 (0 學分)</p> <p>可跨組修習甲、乙組的必修科目，達 6 學分。</p> <p>戊組 (國際生組)</p> <p>學生學術研究倫理教育課程 (0 學分)</p> <p>可修習 TIGP INS/NPAS 或 TIGP MMP 以英文授課的必修科目，達 11 學分。</p> <p>己組 (分子醫學組)</p> <p>認知神經科學導論 (2 學分)</p> <p>神經科學研究方法 (2 學分)</p> <p>學生學術研究倫理教育課程 (0 學分)</p> <p>神經科學總論 (3 學分)</p> <p>神經科學專論 (3 學分)</p> <p>(二) 必選修科目：</p> <p>生命科學院-生物醫學講座 (1 學分，至少選修 2 學期，共 2 學分)。</p> <p>註：107 學年度起開始實施。</p>

	<p>(三) 選修科目： 選修範圍以本校教務處當學期公布之課程表為準。</p> <p>(四) 選課、加退選課悉依本校學則及相關規定辦理。</p> <p>且</p> <ol style="list-style-type: none">1. 至少應修畢二十四學分，其中包含本所訂定之必修科目學分及專題討論，四學分。(不含碩士論文，六學分)。2. 碩士論文(六學分)，另計。3. 修畢本所全部必修科目，且及格者。4. 甲、乙、丙及丁組，畢業前須參加全所進度報告。
備註	

Institute of Neuroscience_Master Program

Academic Year 2022

Mini. Term of Study	One year
Minimum Credits	24 credits
Curriculum and Regulations	<p>1. Required courses for each group:</p> <p><u>Group A (Cellular and molecular neuroscience)</u>: Introduction to neuroscience (3 credits); Special topics in neuroscience (3 credits); Introduction to cognitive neuroscience (2 credits); Methods in neuroscience research (2 credits); Research Ethics (0 credit)</p> <p><u>Group B (Cognitive neuroscience)</u>: Introduction to cognitive neuroscience (3 credits); Introduction to neuroscience (2 credits); Statistics (2 credits); Methods in cognitive neuroscience research (2 credits); Research Ethics (0 credit)</p> <p><u>Group C (Neurotechnology)</u>: Select 9 credits from the required courses in Group A or B; Research Ethics (0 credit)</p> <p><u>Group D (Physician-scientist track for local medical students)</u>: Select 6 credits from the required courses in Group A or B; Research Ethics (0 credit)</p> <p><u>Group E (International students)</u>: Select 11 credits from the required courses in TIGP-INS/NAPAS or TIGP-MMP; Research Ethics (0 credit)</p> <p><u>Group F (Molecular medicine)</u>: Introduction to neuroscience (3 credits); Special topics in neuroscience (3 credits); Introduction to cognitive neuroscience (2 credits); Methods in neuroscience research (2 credits); Research Ethics (0 credit)</p> <p><u>In addition</u>, all students must take 4 credits of Research Seminar (1 credit per semester), and Special lectures on biomedicine (1 credit per semester) for at least two semesters. Each student must also present at the institute-wide Progress Report before graduation.</p> <p>2. Elective courses: Students may enroll in other courses inside or outside the Institute under the recognition of our program.</p> <p>3. Students must complete and pass 24 credits before graduation. Thesis research (6 credits) does not count toward the required 24 credits. Course registration and dropping/adding courses shall be handled in accordance with the University's bylaws and related regulations.</p>