

神經科學研究所博士班

110學年度

最低修業年限	2 年
應修學分數	18 學分
逕博應修學分數	18 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>學術研究倫理課程 (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>學術研究倫理課程 (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，</p> <p>1.103 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>2.103 學年度前入學生未修畢「認知神經科學深論」或修習過成績不及格者，可免再修。</p> <p>丙組（神經科技組）</p> <p>學術研究倫理課程 (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（臨床醫學組）</p> <p>學術研究倫理課程 (0 學分)</p> <p>可跨組修習甲、乙組的必修科目，達9 學分。</p> <p>(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：自107 學年度起開始實施。</p> <p>(三) 選修科目：</p> <p>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. 至少應修畢十八學分，其中包含本所各組訂定之必修及必選科目學分。(不含博士論文，十二學分)。 2. 逕修讀博士班學位研究生可抵免必修學分至多六學分。 3. 博士班研究生論文學分(十二學分)另計。 4. 博士班研究生於論文考試時，至少需有一篇論文已經被國際科學索引指標列名之期刊接受發表(詳見學位考試細則)

Institute of Neuroscience Ph. D. Program

Academic Year 2021

Mini. Term of Study	2 years
Minimum Credits	18 credits
Minimum Credits for Direct-Entrance Ph.D.	18 credits
Curriculum and Regulations	<p>1. <u>Required courses</u> 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)</u>: Select 9 credits from the required courses in Group A or B; Research Ethics (0 credit)</p> <p><u>In addition</u>, all students must take Special lectures on biomedicine (1 credit per semester) for at least two semesters.</p> <p>2. <u>Elective courses</u>: Students may enroll in other courses inside or outside the Institute under the recognition of our program.</p> <p>3. Students in the direct-entrance can waive up to 6 credits based on their past course works, with the approval of the program.</p> <p>4. Students must complete and pass 18 credits before graduation. Thesis research (12 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> <p>5. PhD students must pass the qualification exam by the end of the 3rd year.</p> <p>6. PhD students have one paper accepted for publication in a SCI-indexed journal before thesis defense.</p>