

腦科學研究所碩士班

110 學年度

最低修業年限	1
應修學分數	本所各組訂定之必修及必選科目學分：24 學分 碩士班研究生論文學分（另計）：6 學分
應修（應選）課程及符合畢業資格之修課相關規定	<p>■ 課程：</p> <p>一、必修科目：</p> <p>學術研究倫理課程 0 學分（此課程請於申請學位考試前完成本課程）</p> <p>腦科學概論 三學分（一下）</p> <p>專題討論（一上、一下）、二年級（二上、二下）共四學分 （兩學分經所務會議同意後，得選擇其他系所之專題討論。）</p> <p>論文寫作與實務（一下）共一學分，含碩士研究計畫之口頭與書面報告</p> <p>臨床腦疾病概論（神經工程暨腦資訊組、基礎腦科學組必修）一學分 （一上）</p> <p>神經資訊造影概論（臨床腦組、基礎腦科學組必修）一學分（一上）</p> <p>實驗神經概論（神經工程暨腦資訊組、臨床腦科學組必修）一學分（一上）</p> <p>碩士論文 六學分。</p> <p>二、必選修科目</p> <p>腦科學實習 一學分（一上）</p> <p>生物統計學 一學分（一上）</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>
備註	<p>■ 醫學系 B 組學生修業法則</p> <p>一、醫學院核心課程 6 學分、醫師科學家碩士專題研究（一）（二）6 學分予以採計為本所畢業學分。</p> <p>二、醫學系 B 組同學須修腦科所必修課程：腦科學概論 3 學分、專題討論 2 學分、基礎概論三選二-2 學分、論文寫作與實務 1 學分，共 8 學分。</p>

Institute of Brain Science/Master Program

Academic Year 2021

Mini. Term of Study	1
Minimum Credits	24 credits in total, not including Thesis Writing (6 credits)
Curriculum and Regulations	<p>■ Courses:</p> <p>1. Compulsory courses</p> <p style="padding-left: 20px;">Research Ethics (0 credits; the student is required to complete this course prior to application for the final thesis defense)</p> <p style="padding-left: 20px;">Introduction to Brain Science (3 credits in the second semester of the first school year)</p> <p style="padding-left: 20px;">Student Seminar (4 credits; 1 credit for each semester during two school years. With agreement by the Institutional meeting, the student may take the Student Seminar course of other related institutes, 2 credits at most)</p> <p style="padding-left: 20px;">Academic Writing and Presentation (1 credit; this course should be completed in the second semester of the first school year, including an oral presentation and a written proposal for the student's research project)</p> <p style="padding-left: 20px;">Clinical Introduction to Brain Disease (1 credit; this course is required for students in the divisions of "Neuroengineering and Brainformatics" and "Basic Brain Science" in the first semester of the first school year)</p> <p style="padding-left: 20px;">Introduction to Neuroinformatics (1 credit; this course is required for students in the divisions of "Clinical Brain Science" and "Basic Brain Science" in the first semester of the first school year)</p> <p style="padding-left: 20px;">Introduction to Experimental Neuroscience (1 credit; this course is required for students in the divisions of "Neuroengineering and Brainformatics" and "Clinical Brain Science" in the first semester of the first school year)</p> <p style="padding-left: 20px;">Thesis Writing (6 credits)</p> <p>2. Required courses</p> <p style="padding-left: 20px;">Experimental Brain Science (Lab Rotation) (1 credit; to be completed in the first semester of the first school year)</p> <p style="padding-left: 20px;">Biostatistics (1 credit; to be completed in the first semester of the first school year)</p> <p>3. Elective courses</p> <p style="padding-left: 20px;">See all the available elective courses listed on-line in the curriculum of Institute of Brain Science (IBS)</p>
Remarks	<p>■ Course requirements for students in the B group of the Department of Medicine</p> <p>1. Core Courses of College of Medicine (6 credits) and Research Topics for Physician Scientists in Master Program (6 credits)</p> <p>2. Students from the B group of the Department of Medicine must take the required courses of IBS: Introduction to Brain Science (3 credits), Student Seminar (2 credits), Academic Writing and Presentation (1 credit), and two of the three introduction courses (2 credits), 8 credits in total.</p>