

腦科學研究所碩士班

111 學年度

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| 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 腦科學概論 三學分（一下）。 專題討論 一年級（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。） 論文寫作與實務 一年級（一下）共一學分，含碩士研究計畫之口頭與書面報告。 臨床腦疾病概論 一年級（神經工程暨腦資訊組、基礎腦科學組必修）一學分（一上） 神經資訊造影概論 一年級（臨床腦組、基礎腦科學組必修）一學分（一上） 實驗神經概論 一年級（神經工程暨腦資訊組、臨床腦科學組必修）一學分（一上） 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） 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 2022

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| 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>Research Ethics (0 credits)</p> <p>Introduction to Brain Science (3 credits in the second semester of the first school year)</p> <p>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>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>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>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>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>Thesis Writing (6 credits)</p> <p>2. Required courses</p> <p>Experimental Brain Science (Lab Rotation) (1 credit; to be completed in the first semester of the first school year)</p> <p>Biostatistics (1 credit; to be completed in the first semester of the first school year)</p> <p>3. Elective courses</p> <p>See all the available elective courses listed on-line in the curriculum of Institute of Brain Science (IBS)</p> |

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| Remarks | <ul style="list-style-type: none">■ Course requirements for students in the B group of the Department of Medicine<ol style="list-style-type: none">1. Core Courses of College of Medicine (6 credits) and Research Topics for Physician Scientists in Master Program (6 credits)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. |
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