<table>
<thead>
<tr>
<th>基本修業年限</th>
<th>1</th>
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</thead>
</table>
| 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 | 課程：
一、必修科目：
  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）
  腦科學概論 三學分（一下）
  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，得選修其他系所之專題討論。)
  論文寫作與實務（一下）共一學分，除碩士研究計畫之口頭與書面報告
  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）
  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）
  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）
硕士論文 六學分。
二、必選修科目
  腦科學實習 一學分（一上）
  生物統計學 一學分（一上）
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。 |
| 備註 | 醫學系 B 組學生修業法則
  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。
  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。 |
## Institute of Brain Science/Master Program
### Academic Year 2021

<table>
<thead>
<tr>
<th>Mini. Term of Study</th>
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<tbody>
<tr>
<td>Minimum Credits</td>
<td>24 credits in total, not including Thesis Writing (6 credits)</td>
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</tbody>
</table>

### Courses:

1. **Compulsory courses**
   - Research Ethics (0 credits; the student is required to complete this course prior to application for the final thesis defense)
   - Introduction to Brain Science (3 credits in the second semester of the first school year)
   - 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)
   - 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)
   - Clinical Introduction to Brain Disease (1 credit; this course is required for students in the divisions of “Neuroengineering and Braininformatics” and “Basic Brain Science” in the first semester of the first school year)
   - 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)
   - Thesis Writing (6 credits)

2. **Required courses**
   - Experimental Brain Science (Lab Rotation) (1 credit; to be completed in the first semester of the first school year)
   - Biostatistics (1 credit; to be completed in the first semester of the first school year)

3. **Elective courses**
   - See all the available elective courses listed on-line in the curriculum of Institute of Brain Science (IBS)

### Remarks

1. **Course requirements for students in the B group of the Department of Medicine**
   - Core Courses of College of Medicine (6 credits) and Research Topics for Physician Scientists in Master Program (6 credits)
   - 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.