

10 | Curriculum Table

Brain Sciences Major (Doctoral Program) in the Graduate School of Brain Science

○ : Open Term

| | Course Code | Subject | Credit | Opening year | | | | | | Neural Computation program | Neurosciences program | Remarks |
|-----------------------|---------------------------------|--|--------|--------------|--------|--------|--------|--------|--------|----------------------------|-----------------------|---|
| | | | | 2020 | | 2021 | | 2022 | | | | |
| | | | | Spring | Autumn | Spring | Autumn | Spring | Autumn | | | |
| Introductory Subjects | PHIL 600 | Scientific Research Ethics | 2 | | ○ | | ○ | | ○ | | | Compulsory |
| | BRSC 605 | Advanced Brain Sciences I | 1 | ○ | ○ | ○ | ○ | ○ | ○ | | | |
| | BRSC 606 | Advanced Brain Sciences II | 1 | ○ | ○ | ○ | ○ | ○ | ○ | | | |
| Special Subjects | BRSC 607 | Brain-type Learning Systems | 2 | | | | ○ | | | ※ | | At least, choose a subject of in your program |
| | INFO 601 | Communication Robot Engineering | 2 | | ○ | | | | ○ | ※ | | |
| | NESC 605 | Pathological Neuroscience | 2 | | | | ○ | | | | ※ | |
| | PSY 600 | Psychophysics | 2 | | ○ | | | | ○ | | ※ | At least, choose a pair of ※1, ※2, ※3, ※4 |
| | NESC 602 | Advanced Systems Neuroscience | 2 | ○ | | ○ | | ○ | | ※1 | | |
| | NESC 601 | Systems Neuroscience Technique | 2 | | ○ | | ○ | | ○ | | | |
| | NESC 600 | Computational Neuroscience | 2 | ○ | | ○ | | ○ | | ※2 | | |
| | INFO 602 | Computer Simulation Technique | 2 | | ○ | | ○ | | ○ | | | |
| | NESC 604 | Brain Image Analysis | 2 | ○ | | ○ | | ○ | | ※3 | | |
| | NESC 603 | Neuroimaging Technique | 2 | | ○ | | ○ | | ○ | | | |
| BRSC 608 | Developmental Science | 2 | ○ | | ○ | | ○ | | ※4 | | | |
| BRSC 609 | Developmental Science Technique | 2 | | ○ | | ○ | | ○ | | | | |
| Related Subjects | BRSC 600 | Brain Sciences Research Method I | 2 | ○ | ○ | | | | | | | Compulsory |
| | BRSC 601 | Brain Sciences Research Method II | 2 | | ○ | ○ | | | | | | |
| | BRSC 602 | Brain Sciences Research Method III | 2 | | | ○ | ○ | | | | | |
| | BRSC 603 | Brain Sciences Research Method IV | 2 | | | | ○ | ○ | | | | |
| | BRSC 604 | Brain Sciences Research Method Seminar | 2 | | | | ○ | ○ | ○ | | | |

■ Requirements for passing the course

- (1) 4 credits in Introductory Subjects
- (2) 10 credits in Research Methods
- (3) 6 credits following Remarks in Special Subjects
- (4) A total of 20 credits must be acquired, a doctoral thesis must be submitted and the final exam must be passed.

**Students that have graduated the Neural Computation Program will receive a “PhD in Engineering” .
Students that have graduated the Neurosciences Program will receive a “PhD in Neurosciences”.**