

## Appendix 2: Suggested Study Path for Full-time MSN student (1-year)

| Study Plan A  |  |   |  |                                       |           |
|---------------|--|---|--|---------------------------------------|-----------|
| Sem           | Courses  |   |  |                                       | CUs       |
| A             | NS5001<br>Research<br>Methodology<br>and Ethics<br>(3 CUs) | NS5004<br>Molecular and<br>Cellular<br>Neuroscience<br>(3 CUs)  | NS8002*<br>Advanced<br>Neuroscience<br>(3 CUs) | Elective from<br>NS or BMS<br>(6 CUs) | <b>15</b> |
| B             | NS5002<br>Neurobiology<br>of Disease<br>(3 CUs)            | NS5003*<br>Neural Basis<br>of Learning<br>and Memory<br>(3 CUs) | Elective from NS<br>(9 CUs)                    |                                       | <b>15</b> |
| <b>Total:</b> |  |   |  |                                       | <b>30</b> |

| Study Plan B (Especially for those students planning to take NS6001) |  |   |  |                                       |  |           |
|--|--|---|--|---------------------------------------|--|-----------|
| Sem  | Courses  |   |  |                                       | CUs  |           |
| A  | NS5001<br>Research<br>Methodology<br>and Ethics<br>(3 CUs) | NS5004<br>Molecular and<br>Cellular<br>Neuroscience<br>(3 CUs)  | NS8002*<br>Advanced<br>Neuroscience<br>(3 CUs) | Elective from<br>NS or BMS<br>(3 CUs) | NS6001 <sup>△</sup><br>Research<br>Project in<br>Neuroscience<br>(6 CUs) | <b>18</b> |
| B  | NS5002<br>Neurobiology<br>of Disease<br>(3 CUs)            | NS5003*<br>Neural Basis<br>of Learning<br>and Memory<br>(3 CUs) | Elective from NS<br>(6 CUs)                    |                                       | <b>12</b>  |           |
| <b>Total:</b>  |  |   |  |                                       | <b>30</b>  |           |

### Elective courses in Semester A:

- NS5007\* Human and Artificial Intelligence (3 CUs)
- NS5008\*# Neuropharmacology
- NS6001 Research Project in Neuroscience (6 CUs)
- BMS8106 Stem Cell and Regenerative Medicine
- BMS8110 Genomics and Bioinformatics (3 CUs)

### Elective courses in Semester B:

- NS5005 Sensory and Motor Neuroscience (3 CUs)
- NS5006\* Cognitive and Behavioral Neuroscience (3 CUs)
- NS6002 Advanced Computational Neuroscience (3 CUs)

### Remarks:

\* Class will be scheduled in evening in 2024/2025 academic year.

# Lab session will be scheduled on Saturday morning.

△ NS6001 Research Project in Neuroscience will normally last for a maximum of two semesters to complete in Semester A and Semester B.