

# Master of Computer Science (Artificial Intelligence)

## 2023 Study Planner

### Semester 1 Start:

|                                    |            |   |  |  |  |
|------------------------------------|------------|---|--|--|--|
| First Level                        | Semester 1 | <b>STEM8001</b><br>Advanced Professional Skills                           | <b>COMP8801</b><br>Computer Programming 2                    | <b>ENGR9002</b><br>Networking Fundamentals<br>GE       | <b>COMP9812</b><br>Systems Software                      |
|                                    | Semester 2 | <b>COMP9030</b><br>Human Factors for Interactive and Web-based Systems GE | <b>COMP8781</b><br>Computer Mathematics<br>GE                | <b>COMP9742</b><br>Artificial Intelligence             | <b>COMP8715</b><br>Neural Networks and Machine Learning  |
| Second Level – Coursework          | Semester 1 | <b>COMP9710A</b><br>Master Project 4.5/9 units                            | <b>COMP9712</b><br>Computer Programming 3<br>GE              | <b>COMP9721</b><br>Information Security                | <b>COMP9722</b><br>Theory and Practice of Computation GE |
|                                    | Semester 2 | <b>COMP9710B</b><br>Master Project 4.5/9 units                            | <b>COMP9035</b><br>ICT Management and Professional Standards | <b>COMP7707</b><br>Data Mining and Knowledge Discovery | <b>Elective</b>  |
| Second Level – Coursework/Research | Semester 1 | <b>STEM9003</b><br>Research Methods for Engineering and ICT Masters       | <b>COMP9712</b><br>Computer Programming 3<br>GE              | <b>COMP9721</b><br>Information Security                | <b>COMP9722</b><br>Theory and Practice of Computation GE |
|                                    | Semester 2 | <b>STEM9100A</b><br>Masters Research Project                              | <b>STEM9100B</b><br>Masters Research Project                 | <b>STEM9100C</b><br>Masters Research Project           | <b>COMP7707</b><br>Data Mining and Knowledge Discovery   |

## Semester 2 Start:

|                         |            |   |  |  |  |
|-------------------------|------------|---|--|--|--|
| First Level             | Semester 2 | <b>COMP9030</b><br>Human Factors for Interactive and Web-based Systems GE | <b>COMP8781</b><br>Computer Mathematics GE                   | <b>COMP9742</b><br>Artificial Intelligence             | <b>COMP8715</b><br>Neural Networks and Machine Learning  |
|                         | Semester 1 | <b>STEM8001</b><br>Advanced Professional Skills                           | <b>COMP8801</b><br>Computer Programming 2                    | <b>ENGR9002</b><br>Networking Fundamentals GE          | <b>COMP9812</b><br>Systems Software                      |
| Second Level – Option 1 | Semester 2 | <b>COMP9710A</b><br>Master Project 4.5/9 units                            | <b>COMP9035</b><br>ICT Management and Professional Standards | <b>COMP7707</b><br>Data Mining and Knowledge Discovery | <b>Elective</b>  |
|                         | Semester 1 | <b>COMP9710B</b><br>Master Project 4.5/9 units                            | <b>COMP9712</b><br>Computer Programming 3 GE                 | <b>COMP9721</b><br>Information Security                | <b>COMP9722</b><br>Theory and Practice of Computation GE |
| Second Level – Option 2 | Semester 2 | <b>STEM9100A</b><br>Masters Research Project                              | <b>STEM9100B</b><br>Masters Research Project                 | <b>STEM9100C</b><br>Masters Research Project           | <b>COMP7707</b><br>Data Mining and Knowledge Discovery   |
|                         | Semester 1 | <b>STEM9003</b><br>Research Methods for Engineering and ICT Masters       | <b>COMP9712</b><br>Computer Programming 3 GE                 | <b>COMP9721</b><br>Information Security                | <b>COMP9722</b><br>Theory and Practice of Computation GE |

### Key:

|             |   |
|-------------|---|
| Core Topics | Compulsory topic  |
| Elective    | Level 7000 or above elective topic with the COMP/ENGR prefix where requisites are met |

Please note:

- This document is provided as a guide only. Students are responsible for ensuring that they have completed their study according to the official [Course Rule](#).
- Topic information for all topics, including pre-requisites can be found on the [Topic Page](#)
- General enrolment assistance is available via [Ask Flinders](#)
- For specific course advice e-mail: [courseadvice.SE@flinders.edu.au](mailto:courseadvice.SE@flinders.edu.au)