## Bachelor of Computer Science / Fine Arts (3792)

Artificial Intelligence (COMPI1)



### T1 Entry 2025 Sample Plan

| Year 1    |                                                                       |           | Year 2                                           |           | Year 3                                                                                          |           | Year 4                                      |  |  |
|-----------|-----------------------------------------------------------------------|-----------|--------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------|-----------|---------------------------------------------|--|--|
|           | COMP1511<br>Programming Fundamentals                                  |           | COMP2511<br>Object-Oriented Design & Programming |           | COMP3121 Algorithm Design and Analysis<br>OR COMP3821 Extended Algorithm Design<br>and Analysis |           | Artificial Intelligence Prescribed Elective |  |  |
| Term<br>1 | MATH1131 Mathematics 1A <u>OR</u><br>MATH1141 (Higher) Mathematics 1A | Term<br>1 | Fine Arts Course                                 | Term<br>1 | COMP3411<br>Artificial Intelligence                                                             | Term<br>1 | Fine Arts Course                            |  |  |
|           | MATH1081<br>Discrete Mathematics                                      |           | Fine Arts Course                                 |           | Artificial Intelligence Prescribed Elective                                                     |           | Fine Arts Course                            |  |  |
|           | MATH1231 Mathematics 1B <u>OR</u><br>MATH1241 (Higher) Mathematics 1B |           | Fine Arts Course                                 |           | COMP3900<br>Computer Science Project                                                            |           | Fine Arts Course                            |  |  |
| Term<br>2 | COMP1521<br>Computer Systems Fundamentals                             | Term<br>2 | Fine Arts Course                                 | Term<br>2 | Fine Arts Course                                                                                | Term<br>2 | Fine Arts Course                            |  |  |
|           | COMP1531<br>Software Engineering Fundamentals                         |           | Artificial Intelligence Prescribed Elective      |           | Fine Arts Course                                                                                |           | Computing Elective                          |  |  |
|           | COMP2521<br>Data Structures and Algorithms                            |           | Fine Arts Course                                 |           | COMP4920<br>Professional Issues and Ethics in Information<br>Technology                         |           | Fine Arts Course                            |  |  |
| Term<br>3 | Fine Arts Course                                                      | Term<br>3 | Fine Arts Course                                 | Term<br>3 | Fine Arts Course                                                                                | Term<br>3 | Fine Arts Course                            |  |  |
|           |                                                                       |           |                                                  |           |                                                                                                 |           |                                             |  |  |

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Most Computing Electives require completion of COMP2521, students are recommended to complete COMP2521 in the first year of study if possible. Students who completed COMP1531 and COMP2521 can take COMP2511 in Term 1 Year 2.

Please visit the ADA Sample programs website for specific advice regarding your chosen arts specialisation.

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# Bachelor of Computer Science / Fine Arts (3792)

Artificial Intelligence (COMPI1)



### T2 Entry 2025 Sample Plan

| Year 1    |                                                                       |           | Year 2                                                                                          |           | Year 3                                      |           | Year 4                                                                  |  |  |
|-----------|-----------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------|-----------|---------------------------------------------|-----------|-------------------------------------------------------------------------|--|--|
|           | COMP1511<br>Programming Fundamentals                                  |           | COMP2511<br>Object-Oriented Design & Programming                                                |           | Fine Arts Course                            |           | Fine Arts Course                                                        |  |  |
| Term<br>2 | Fine Arts Course                                                      | Term<br>2 | Fine Arts Course                                                                                | Term<br>2 | Fine Arts Course                            | Term<br>2 | Fine Arts Course                                                        |  |  |
|           |                                                                       |           | Artificial Intelligence Prescribed Elective                                                     |           | Artificial Intelligence Prescribed Elective |           | Computing Elective                                                      |  |  |
|           | MATH1131 Mathematics 1A <u>OR</u><br>MATH1141 (Higher) Mathematics 1A |           | Fine Arts Course                                                                                |           | Fine Arts Course                            |           | COMP4920<br>Professional Issues and Ethics in Information<br>Technology |  |  |
| Term<br>3 | COMP1531<br>Software Engineering Fundamentals                         | Term<br>3 | Fine Arts Course                                                                                | Term<br>3 | Artificial Intelligence Prescribed Elective | Term<br>3 | Fine Arts Course                                                        |  |  |
|           | COMP1521<br>Computer Systems Fundamentals                             |           |                                                                                                 |           |                                             |           | Fine Arts Course                                                        |  |  |
|           | COMP2521<br>Data Structures and Algorithms                            |           | COMP3900<br>Computer Science Project                                                            |           | COMP3411<br>Artificial Intelligence         |           | Fine Arts Course                                                        |  |  |
| Term<br>1 | MATH1081<br>Discrete Mathematics                                      | Term<br>1 | COMP3121 Algorithm Design and Analysis<br>OR COMP3821 Extended Algorithm Design<br>and Analysis | Term<br>1 | Fine Arts Course                            | Term<br>1 | Fine Arts Course                                                        |  |  |
|           | MATH1231 Mathematics 1B <u>OR</u><br>MATH1241 (Higher) Mathematics 1B |           | Fine Arts Course                                                                                |           | Fine Arts Course                            |           |                                                                         |  |  |

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### Bachelor of Computer Science / Fine Arts (3792) Artificial Intelligence (COMPI1)

T3 Entry 2025 Sample Plan



| Year 1    |                                                                       |           | Year 2                                           |           | Year 3                                                                                          |  | Year 4    |                                                                         |
|-----------|-----------------------------------------------------------------------|-----------|--------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------|--|-----------|-------------------------------------------------------------------------|
| Term<br>3 | COMP1511<br>Programming Fundamentals                                  |           | COMP2511<br>Object-Oriented Design & Programming |           | Fine Arts Course                                                                                |  | Term<br>3 | COMP4920<br>Professional Issues and Ethics in Information<br>Technology |
|           | MATH1131 Mathematics 1A <u>OR</u><br>MATH1141 (Higher) Mathematics 1A | Tern<br>3 | Fine Arts Course                                 | Terr<br>3 | Fine Arts Course                                                                                |  |           | Fine Arts Course                                                        |
|           | MATH1081<br>Discrete Mathematics                                      |           | Fine Arts Course                                 |           | Artificial Intelligence Prescribed Elective                                                     |  |           | Fine Arts Course                                                        |
| Term<br>1 | MATH1231 Mathematics 1B <u>OR</u><br>MATH1241 (Higher) Mathematics 1B |           | Fine Arts Course                                 |           | COMP3121 Algorithm Design and Analysis<br>OR COMP3821 Extended Algorithm Design<br>and Analysis |  | Term<br>1 | Fine Arts Course                                                        |
|           | COMP1531<br>Software Engineering Fundamentals                         | Tern<br>1 | Computing Elective                               | Terr<br>1 | COMP3411<br>Artificial Intelligence                                                             |  |           | Fine Arts Course                                                        |
|           | COMP1521<br>Computer Systems Fundamentals                             |           | Artificial Intelligence Prescribed Elective      |           |                                                                                                 |  |           | Artificial Intelligence Prescribed Elective                             |
|           | COMP2521<br>Data Structures and Algorithms                            |           | Fine Arts Course                                 |           | COMP3900<br>Computer Science Project                                                            |  | Term<br>2 | Fine Arts Course                                                        |
| Term<br>2 | Fine Arts Course                                                      | Tern<br>2 | Fine Arts Course                                 | Terr<br>2 | Fine Arts Course                                                                                |  |           | Fine Arts Course                                                        |
|           |                                                                       |           |                                                  |           | Fine Arts Course                                                                                |  |           |                                                                         |

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