

# ARTIFICIAL INTELLIGENCE, TESTAMUR MAJOR (T002)

Western Sydney University Major Code: T002

Previous Code: ST3075.1, ST3081.1

**Available to students in other Western Sydney University programs?**  
No

Increasingly in the digital age data plays an important role in most, if not all, occupations. Extracting information from data has become a science in itself, blending skill sets from mathematics, statistics and computing. With a strong applications focus, this major covers the nature of data including Big and Unstructured Data, how to embark on data driven investigations and visual and computational analytics. Graduates will have the knowledge and skills required to operate effectively in a data driven world.

## Location

| Campus                            | Mode     | Advice                                                                                                                                                                                             |
|-----------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Parramatta Campus - Victoria Road | Internal | Dr Laurence Park ( <a href="https://directory.westernsydney.edu.au/search/email/l.park@westernsydney.edu.au">https://directory.westernsydney.edu.au/search/email/l.park@westernsydney.edu.au</a> ) |
| WSU Online*                       | Online   | Dr Laurence Park ( <a href="https://directory.westernsydney.edu.au/search/email/l.park@westernsydney.edu.au">https://directory.westernsydney.edu.au/search/email/l.park@westernsydney.edu.au</a> ) |

\* Curriculum delivered through an agreement with another party

## Major Structure

Select the link for your program below to see details of the major

### Master of Data Science

Students must complete 40 credit points as follows.

| Subject                    | Title                                            | Credit Points |
|----------------------------|--------------------------------------------------|---------------|
| COMP 7022                  | Natural Language Understanding                   | 10            |
| COMP 7021                  | Knowledge Representation and Reasoning           | 10            |
| INFO 7002                  | Advanced Topics in Artificial Intelligence       | 10            |
| COMP 7020                  | Artificial Intelligence Ethics and Organisations | 10            |
| <b>Total Credit Points</b> |                                                  | <b>40</b>     |

### - Master of Information and Communications Technology (Advanced) - Master of Information and Communications Technology

Students must complete 40 credit points as follows.

| Subject                                              | Title                                      | Credit Points |
|------------------------------------------------------|--------------------------------------------|---------------|
| Students must complete the following three subjects: |                                            |               |
| INFO 7002                                            | Advanced Topics in Artificial Intelligence | 10            |
| COMP 7019                                            | Applied Machine Learning                   | 10            |
| COMP 7022                                            | Natural Language Understanding             | 10            |
| Select one of the following:                         |                                            | 10            |

|                            |                                                  |           |
|----------------------------|--------------------------------------------------|-----------|
| INFO 7001                  | Advanced Machine Learning                        |           |
| COMP 7021                  | Knowledge Representation and Reasoning           |           |
| COMP 7020                  | Artificial Intelligence Ethics and Organisations |           |
| <b>Total Credit Points</b> |                                                  | <b>40</b> |

### Related Programs

Master of Data Science (3735) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/master-data-science/>)

Master of Information and Communications Technology (3699) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/master-information-communications-technology/>)

Master of Information and Communications Technology (Advanced) (3698) (<https://hbook.westernsydney.edu.au/archives/2023-2024/programs/master-information-communications-technology-advanced/>)