



# MASTER OF ARTIFICIAL INTELLIGENCE (3765)

Artificial Intelligence (AI) is changing our life, and this change will significantly reshape our social and economic structures in the coming decade.

The Master of Artificial Intelligence provides students with a broad range of Artificial Intelligence (AI) topics ranging from foundations to state-of-the-art technologies and applications. Students will learn how AI is driving digital disruption, how to work in this dynamic and fast evolving field, and how it is changing every facet of life and society. This course focuses on the most important and up to date AI topics and trends including but not limited to: intelligent agents, machine learning, knowledge representation and reasoning, natural language understanding and processing, AI ethics and governance as well as relevant specialisation areas in computing and data sciences.

**Entry via:** International students apply direct to Western Sydney University. [www.westernsydney.edu.au/international/apply](http://www.westernsydney.edu.au/international/apply)

**Accreditation:** Australian Computer Society at Professional Level

## BE THE BREAKTHROUGH

You will learn how AI is driving digital disruption, how to work in this dynamic and fast evolving field, and how it is changing every facet of life and society.

This program focuses on the most important and up to date AI topics and trends including but not limited to: knowledge representation and reasoning, machine learning, natural language understanding and processing, knowledge graphs, AI ethics and governance as well as relevant major areas in Computing and Data Sciences.

For program advice, please email [CDMS@westernsydney.edu.au](mailto:CDMS@westernsydney.edu.au)

## PROGRAM STRUCTURE

### YEAR 1 SESSION 1 AUTUMN

SUBJECT CODE	SUBJECT TITLE
COMP 7016	Visualisation
COMP 7022	Natural Language Understanding
COMP 7019	Applied Machine Learning
COMP 7013	Network Technologies

### SESSION 2 SPRING

COMP 6003	Computer Vision
INFO 7002	Advanced Topics in Artificial Intelligence
COMP 7020	Artificial Intelligence Ethics and Organisations
One subject from your Major or one Alternate subject from any specialisation	

### YEAR 2 SESSION 3 AUTUMN

COMP 7007	Information Security Management
INFO 6002	Postgraduate Capstone Project
Two subjects from your Major or two Alternate subjects from any specialisation	

### SESSION 4 SPRING

COMP 7021	Knowledge Representation and Reasoning
INFO 7015	Applied Cybersecurity
INFO 6003	Postgraduate Research Project
One subject from your Major or one Alternate subject from any specialisation	

### ADDITIONAL REQUIREMENT

INFO 7004	ICT Practicum
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### MAJORS

T003	Cybersecurity, Testamur Major
T004	Data Analytics, Testamur Major
T005	Digital Futures, Testamur Major
T009	Networking, Testamur Major
T010	Web and Mobile Computing, Testamur Major

Students must also choose between a program-specific testamur major or complete 40 credit points of subjects selected from any major for a generic award

PROGRAM	CRICOS CODE	WS CODE	INTAKE	LOCATION	DURATION
M Artificial Intelligence	0101783	3765	March/July	Parramatta	3F
	0101783	3765	March/July	ATMC-Melbourne	3F

**Key:** M = Master of; F = Full-time.

CRICOS PROVIDER 00917K

For more information, please call the Course Information Centre on **1300 897 669** or email [study@westernsydney.edu.au](mailto:study@westernsydney.edu.au)