

S737 MASTER OF APPLIED ARTIFICIAL INTELLIGENCE (PROFESSIONAL)



FACULTY OF SCIENCE, ENGINEERING AND BUILT ENVIRONMENT
PART D - PROFESSIONAL STUDIES: RESEARCH PROJECT

FOR STUDENTS COMMENCING TRIMESTER 1 2025

Last updated 30/08/2024

When you first enrol via StudentConnect and go through the enrolment steps, you may be able to simply confirm any units that are pre-populated for you. You can also add any that you need to do, as part of your first year's enrolment – by using the information on this map and in the Handbook.

You must also complete the following compulsory zero (0) credit point units: DAI001 Academic Integrity and Respect at Deakin (0 credit points)

YEAR 1 Year: 2025	Trimester 1				
	Trimester 2				
	Trimester 3				

YEAR 2 Year: 2026	Trimester 1				
	Trimester 2				
	Trimester 3				

* Excluding SIT771, SIT772, SIT773, and SIT774.

^ Entry is subject to specific unit entry requirements.

S737 COURSE RULES

- Must pass 16 credit points for course
- Must pass ALL units in {DAI001, SIT720, SIT744, SIT770, SIT787, SIT788, SIT789, SIT796, SIT799}
- Must pass 1 unit set in {Blockchain and Software Development (SP-S000092), Business Analytics (SP-MDBS004), Cyber Security (SP-S000028), Data Science (SP-S000055), Information Systems (SP-MDBS012), Information Technology Research Training (SP-S000011), Networking and Cloud Technologies (SP-S000021), Virtual Reality (SP-S000083)} OR Must pass 4 credit point(s) at level 7 in {SIT7%, MIS%}
- Must pass 3 credit points in all units in {SIT753, SIT764, SIT782} OR Must pass 4 unit(s) in {SIT753, SIT764, SIT791, STP710} OR (Must pass 2 credit points in {SIT753, SIT764} AND Must pass 2 credit points in {SIT723, SIT792}).

FOR USE ONLY WHEN UNDERTAKING A CONSULTATION WITH A STUDENT ADVISER:

Student ID: _____		Name: _____		
Deakin email: _____			Preferred contact no: _____	
Year commenced:	Period commenced:	eCOE (if applicable):	Campus: _____	Mode: _____
Student adviser: _____				Date: _____

GENERAL INFORMATION

This course map is a guide only. You must also ensure you meet the course rules and structure as set out in the official [University Handbook](#) of the year you commenced your course. This course map has been created to be used electronically.

Not all units are available in all study periods or mode of delivery.

- Full time study is typically three to four units (or credit points) each study period.
- Part time study is typically one to two units (or credit points) each study period – part time study will extend the duration of your studies.
- Trimester 3 is typically an optional study period - unless it's your first study period and/or a compulsory study period for your course.

Unit options can be found in the '[Advanced Unit Search](#)' in the most current year's University Handbook.

If you have applied for or received credit for units as recognition of prior learning (RPL), it may alter the units you need to study.

Please seek advice from a Student Adviser in StudentCentral if you have any queries or need help understanding your course structure and unit options.

S737 MASTER OF APPLIED ARTIFICIAL INTELLIGENCE (PROFESSIONAL) SPECIALISATION UNIT SETS

BLOCKCHAIN AND SOFTWARE DEVELOPMENT (SP-S000092)
SIT708 Mobile Application Development
SIT725 Applied Software Engineering
SIT728 Blockchain Technologies and Real-World Applications
SIT737 Cloud Native Application Development

Completion Rule

- Must pass all unit(s) in {SIT708, SIT725, SIT728, SIT737}

BUSINESS ANALYTICS (SP-MDBS004)
MIS714 People Analytics
MIS770 Foundation Skills in Data Analysis
MIS771 Descriptive Analytics and Visualisation
MIS772 Predictive Analytics
MIS781 Business Intelligence and Database

Completion Rule

- Must pass 2 unit(s) in {MIS714, MIS772, MIS781}
- Must pass 2 unit(s) in {MIS770, MIS771}

CYBER SECURITY (SP-S000028)

[SIT703 Computer Forensics and Investigations](#)

[SIT704 Ethical Hacking](#)

[SIT716 Computer Networks and Security](#)

[SIT735 Application and Communication Protocol Security](#)

[SIT736 Identity, Access Management and Physical Security](#)

[SIT738 Secure Coding](#)

[SIT763 Cyber Security Management](#)

Completion Rule

- Must pass all unit(s) in {SIT704, SIT716}
- Must pass 2 unit(s) in {SIT703, SIT735, SIT736, SIT738, SIT763}

DATA SCIENCE (SP-S000055)

[SIT718 Real World Analytics](#)

[SIT720 Machine Learning](#)

[SIT731 Data Wrangling](#)

[SIT741 Statistical Data Analysis](#)

[SIT742 Modern Data Science](#)

[SIT743 Bayesian Learning and Graphical Models](#)

[SIT744 Deep Learning](#)

Completion Rule

- Must pass all unit(s) in {SIT718, SIT720}
- Must pass 2 unit(s) in {SIT731, SIT741, SIT742, SIT743, SIT744}

INFORMATION SYSTEMS (SP-MDBS012)

[MIS701 Digital Business Analysis](#)

[MIS761 Cyber Security Strategies](#)

[MIS770 Foundation Skills in Data Analysis](#)

[MIS782 Value of Information](#)

Completion Rule

- Must pass 4 credit points in {MIS701, MIS761, MIS770, MIS782}

INFORMATION TECHNOLOGY RESEARCH TRAINING (SP-S000011)

SIT723 Research Techniques and Applications
SIT724 Research Project
SIT746 Research Project (Advanced)
SIT747 Research Project (Publication)
SLE761 Professional Research Practice

Completion Rule

- Must pass 4 credit points in {SIT723, SIT724, SIT746, SIT747, SLE761}

NETWORKING AND CLOUD TECHNOLOGIES (SP-S000021)
SIT706 Cloud Computing
SIT716 Computer Networks and Security
SIT722 Software Deployment and Operation
SIT727 Cloud Automation Technologies
SIT737 Cloud Native Application Development

Completion Rule

- Must pass 4 unit(s) in {SIT706, SIT716, SIT722, SIT727, SIT737}

VIRTUAL REALITY (SP-S000083)
SIT755 Interactive Application Design for Virtual and Augmented Reality
SIT756 Development for Virtual and Augmented Reality
SIT757 Content Creation for Interactive Experiences
SIT758 Assembling Virtual and Augmented Reality Experiences

Completion Rule

- Must pass all unit(s) in {SIT755, SIT756, SIT757, SIT758}