S737 MASTER OF APPLIED ARTIFICIAL INTELLIGENCE (PROFESSIONAL)

FACULTY OF SCIENCE, ENGINEERING AND BUILT ENVIRONMENT
PART C: PROFESSIONAL STUDIES - RESEARCH TRAINING, PROJECT AND ELECTIVES PART SEQUENCE

FOR STUDENTS COMMENCING TRIMESTER 1 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 (0 credit points)

YEAR 1 Year: 2024	Trimester 1				
	Trimester 2				
	Trimester 3				

YEAR 2 Year: 2025	Trimester 1				
	Trimester 2				
	Trimester 3				

Note: Students undertaking SIT791 Professional Practice must have successfully completed STP710 Career Tools for Employability (0-credit point unit).

*Excluding SIT771, SIT772, SIT773, SIT774

S737 COURSE RULES

- Must pass 16 credit points for course

- Must pass ALL units in {DAI001}

- Must pass 16 credit points at level {7} in {MIS7%, SIT7%}

- Must pass 1 unit set(s) in {Part C: Professional Studies - Professional Practice (PT-S737003), Part C: Professional Studies - Research Training, Project and Electives (PT-S737004), Part C: Professional Studies - Research Project (PT-S737006),Part C: Professional Studies - Team Project (PT-S737007) }

- Must pass ALL units in {SIT720, SIT744, SIT770, SIT787, SIT788, SIT789, SIT796, SIT799}
- Must pass 1 unit set(s) in {Blockchain and Software Development (SP-S000092), Business Analytics (SP-MDBS004), Cyber Security (SP-S000028), Data Science (SP-S000055), Information Systems (SP-MDBS012), Networking and Cloud Technologies (SP-S000021), Virtual Reality (SP-S000083)} OR Must pass 4 credit point(s) at level 7 in {SIT7%}
- Must pass all units in {SIT753, SIT764, SIT782} Or

- Must pass all units in {SIT753, SIT791, STP710} Or

- Must pass all units in {SIT723, SIT746} Or

- Must pass all units in {SIT723, SIT753}

Notes

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 <u>University Handbook</u> 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 <u>'Advanced Unit Search'</u> 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) PART UNIT SETS

PART C: PROFESSIONAL STUDIES - PROFESSIONAL PRACTICE (PT-S737003)
<u>SIT753 Professional Practice in Information Technology</u>
<u>SIT791 Professional Practice</u>
<u>STP710 Career Tools for Employability</u>

Completion Rule
- Must pass 1 credit point in {SIT7%}

PART C: PROFESSIONAL STUDIES - RESEARCH PROJECT (PT-S737006)
<u>SIT746 Research Project (Advanced)</u>
<u>SIT723 Research Techniques and Applications</u>

Completion Rule
- Must pass all unit(s) in {SIT723, SIT746}

PART C: PROFESSIONAL STUDIES - RESEARCH TRAINING, PROJECT AND ELECTIVES (PT-S737004)

SIT723 Research Techniques and Applications

SIT753 Professional Practice in Information Technology

Completion Rule
- Must pass 2 unit(s) in {SIT723, SIT753}
- Must pass 1 credit points in {SIT7%}

PART C: PROFESSIONAL STUDIES - TEAM PROJECT (PT-S737007)

SIT753 Professional Practice in Information Technology

SIT764 Team Project (A) - Project Management and Practices

SIT782 Team Project (B) - Execution and Delivery

Completion Rule
- Must pass 3 unit(s) in {SIT753, SIT764, SIT782}
- Must pass 1 credit points in {SIT7%}

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

SIT772 Database Fundamentals

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 {SIT741, SIT742, SIT772, SIT743, SIT744, SIT731}

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 3 credit points in {MIS701, MIS761, MIS782}
- Must pass 1 credit points in {MIS770}

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}