S717 MASTER OF TECHNOLOGY AND INNOVATION LEADERSHIP (PROFESSIONAL)

FACULTY OF SCIENCE, ENGINEERING AND BUILT ENVIRONMENT

S717 OPTION 3 - RESEARCH PATHWAY

FOR STUDENTS COMMENCING TRIMESTER 2 2025

Last updated 12/02/2025

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)
AND STP710 Career Tools for Employability (0 credit points)

YEAR 1 Year: 2025	Trimester 2	SLE761 Professional Research Practice	Specialisation Unit	Specialisation Unit	Specialisation Unit
	Trimester 3				
YEAR 2 Year: 2026	Trimester 1	MPM780 Foundations in Leadership	STP703 Emerging Challenges in Science and Technology	SLE763 Research Project Planning	Specialisation Unit
	Trimester 2	SLE764 Research Project			
	Trimester 3				
YEAR 3 Year: 2027	Trimester 1	SLE765 Research Project (Advanced)			
	Trimester 2				
	Trimester 3				

S717 COURSE RULES

- Must pass 16 credit points for course
- Must pass ALL units in {DAI001, STP710}
- Must pass 2 credit points in {MPM780, STP703}
- Must pass 1 credit point in {SIT718, SLE763}
- Must pass 1 credit point in {SEN700, SLE761, SRR782, SLE767}
- Must pass 1 unit set(s) (4 credit points) in {Applications of Computational Science (SP-S000098), Environmental Sustainability (SP-S000099), Intelligent IoT Systems (SP-S000100), Infrastructure Project Management (SP-S000101), Sustainable Engineering Design (SP-S000102)}
- Must pass 8 credit points in {SLE764, SLE765} OR
- Must pass 4 credit points in {SLE768, SLE769} AND must pass 4 credit points from {Infrastructure Project Management, Sustainable Engineering Design, Intelligent IoT Systems, Environmental Sustainability, Applications of Computational Science, Property and Real Estate, Project Management, Leadership, Supply Chain Management, Digital Transformation} OR
- Must pass 8 credit points from {Infrastructure Project Management, Sustainable Engineering Design, Intelligent IoT Systems, Environmental Sustainability, Applications of Computational Science, Property and Real Estate, Project Management, Leadership, Supply Chain Management, Digital Transformation}

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:

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 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.

S717 MASTER OF TECHNOLOGY AND INNOVATION LEADERSHIP (PROFESSIONAL) SPECIALISATION UNIT SETS

APPLICATIONS OF COMPUTATIONAL SCIENCE (SP-S000098)
SIT719 Analytics for Security and Privacy
SIT720 Machine Learning
SIT741 Statistical Data Analysis
SIT763 Cyber Security Management
SIT787 Mathematics for Artificial Intelligence

Completion Rule

- Must pass 1 unit(s) in {SIT719, SIT763}
- Must pass 3 unit(s) in {SIT720, SIT741, SIT787}

DIGITAL TRANSFORMATION (SP-MDBS007)
MIS712 Managing Digital Transformation
MIS741 Ethics of Digital Transformation
MIS776 Design Thinking for Innovation
MIS782 Value of Information

Completion Rule

- Must pass 4 unit(s) in {MIS712, MIS741, MIS776, MIS782}

ENVIRONMENTAL SUSTAINABILITY (SP-S000099)
SLE740 Climate Change, Adaptation and Mitigation
SLE743 Spatial Analysis and Geographic Information Systems
SLE756 Sustainability in the Anthropocene
SLE757 Environmental Science and Global Change

Completion Rule

- Must pass 4 unit(s) in {SLE740, SLE743, SLE756, SLE757}

INFRASTRUCTURE PROJECT MANAGEMENT (SP-S000101)
SEN723 Managing Engineering Projects
SEN770 Infrastructure Engineering
SRM751 Principles of Building Information Modelling
SRQ780 Strategic Construction Procurement

Completion Rule

- Must pass 4 unit(s) in {SEN723, SEN770, SRM751, SRQ780}

INTELLIGENT IOT SYSTEMS (SP-S000100)
SEE711 Iot Systems Engineering
SEN771 Intelligent Autonomous Robots
SIT720 Machine Learning
SIT787 Mathematics for Artificial Intelligence

Completion Rule

- Must pass 4 unit(s) in {SEE711, SEN771, SIT720, SIT787}

LEADERSHIP (SP-MDBS014)

MMH707 Managed Change
MPM712 Managing Innovation
MPM779 Leadership in Complexity
MPM780 Foundations in Leadership
MPR779 Leadership in Complexity
MPT712 Managing Innovation (Tour)

Completion Rule

- Must pass 4 credit points in {MMH707, MPM712/MPT712, MPM779/MPR779, MPM780}

PROJECT MANAGEMENT (SP-MDBS016)
MIS712 Managing Digital Transformation
MIS776 Design Thinking for Innovation
MIS798 Project Management
MMH707 Managed Change

Completion Rule

- Must pass 4 unit(s) in {MIS712, MIS776, MIS798, MMH707}

PROPERTY AND REAL ESTATE (SP-MDBS017)
MMP713 Property and Real Estate Context
MMP731 Management of Real Estate
MMP732 Property Development
MMP742 Investment Valuation

Completion Rule

- Must pass 4 unit(s) in {MMP713, MMP731, MMP732, MMP742}

SUPPLY CHAIN MANAGEMENT (SP-MDBS008)
MIS713 Digital Transformation of Supply Chains
MIS716 Artificial Intelligence Strategies and Enterprise Applications
MIS761 Cyber Security Strategies
MMM710 Emerging Issues in International Operations
MPE711 Global Trade and Supply Chains

Completion Rule

- Must pass 4 credit points in {MIS713, MIS716, MIS761, MMM710, MPE711}

SUSTAINABLE ENGINEERING DESIGN (SP-S000102)
SEM721 Engineering Design
SET721 Engineering Sustainability
SLE720 Risk Assessment and Control
SLE742 Systems Thinking for Sustainability and Resilience

Completion Rule

- Must pass 4 unit(s) in {SEM721, SET721, SLE720, SLE742}