

# S717 MASTER OF TECHNOLOGY AND INNOVATION LEADERSHIP (PROFESSIONAL)



FACULTY OF SCIENCE, ENGINEERING AND BUILT ENVIRONMENT  
S717 OPTION 1 - INDUSTRY PRACTICE PATHWAY (i)

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)

<b>YEAR 1</b> Year: 2025	Trimester 2				
	Trimester 3				
<b>YEAR 2</b> Year: 2026	Trimester 1				
	Trimester 2				
	Trimester 3				
<b>YEAR 3</b> Year: 2027	Trimester 1				
	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

<b>APPLICATIONS OF COMPUTATIONAL SCIENCE (SP-S000098)</b>
<a href="#">SIT719 Analytics for Security and Privacy</a>
<a href="#">SIT720 Machine Learning</a>
<a href="#">SIT741 Statistical Data Analysis</a>
<a href="#">SIT763 Cyber Security Management</a>
<a href="#">SIT787 Mathematics for Artificial Intelligence</a>

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](#)

[SRQ 780 Strategic Construction Procurement](#)

### Completion Rule

- Must pass 4 unit(s) in {SEN723, SEN770, SRM751, SRQ 780}

## 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)

<a href="#"><u>MMH707 Managed Change</u></a>
<a href="#"><u>MPM712 Managing Innovation</u></a>
<a href="#"><u>MPM779 Leadership in Complexity</u></a>
<a href="#"><u>MPM780 Foundations in Leadership</u></a>
<a href="#"><u>MPR779 Leadership in Complexity</u></a>
<a href="#"><u>MPT712 Managing Innovation (Tour)</u></a>

Completion Rule

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

<b>PROJECT MANAGEMENT (SP-MDBS016)</b>
<a href="#"><u>MIS712 Managing Digital Transformation</u></a>
<a href="#"><u>MIS776 Design Thinking for Innovation</u></a>
<a href="#"><u>MIS798 Project Management</u></a>
<a href="#"><u>MMH707 Managed Change</u></a>

Completion Rule

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

<b>PROPERTY AND REAL ESTATE (SP-MDBS017)</b>
<a href="#"><u>MMP713 Property and Real Estate Context</u></a>
<a href="#"><u>MMP731 Management of Real Estate</u></a>
<a href="#"><u>MMP732 Property Development</u></a>
<a href="#"><u>MMP742 Investment Valuation</u></a>

Completion Rule

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

<b>SUPPLY CHAIN MANAGEMENT (SP-MDBS008)</b>
<a href="#"><u>MIS713 Digital Transformation of Supply Chains</u></a>
<a href="#"><u>MIS716 Artificial Intelligence Strategies and Enterprise Applications</u></a>
<a href="#"><u>MIS761 Cyber Security Strategies</u></a>
<a href="#"><u>MMM710 Emerging Issues in International Operations</u></a>
<a href="#"><u>MPE711 Global Trade and Supply Chains</u></a>

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}