

S787 MASTER OF ENGINEERING MANAGEMENT
(PROFESSIONAL)
FACULTY OF SCIENCE, ENGINEERING AND BUILT ENVIRONMENT



FOR STUDENTS COMMENCING TRIMESTER 1 2027

Last updated 20/07/2026

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)
AND SEE700 Safety Induction Program (0 credit points)

YEAR 1 Year: 2027	Trimester 1				
	Trimester 2				
	Trimester 3				
YEAR 2 Year: 2028	Trimester 1				
	Trimester 2				
	Trimester 3				

It is recommended students undertake SEN710 and SEN720 in consecutive trimesters.

Students must select only one Engineering Pathway to complete.

Students must have successfully completed STP710 Career Tools for Employability (0-credit-point compulsory unit) before commencing SEP701 Continuing Professional Development & SEN710 Project Planning

S787 COURSE RULES

- Must pass 16 credit points for course
- Must pass ALL units in {DAI001, SEE700, STP710}
- Must pass ALL units in {SEN700, SEN710, SEN720, SEN723, SET721, SEP701}
- Must pass 4 credit points from one Engineering Pathway {Civil Infrastructure Engineering, Electrical and Renewable Energy Engineering, Mechanical Engineering, Robotics and Automation Engineering, Smart Manufacturing}
- Must pass 5 credit points in {Master Engineering Management Course Electives}

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.

S787 MASTER OF ENGINEERING MANAGEMENT (PROFESSIONAL) ELECTIVE UNIT SETS

CIVIL INFRASTRUCTURE ENGINEERING (EL-S000110)
SEN727 Tunnel and Underground Construction
SEN728 Transportation Infrastructure Systems
SEN725 Urban Stormwater Asset Design
SEN769 Advanced Structural Design
SEN770 Infrastructure Engineering
SEV702 Traffic and Transport Engineering

Completion Rule

- Must pass 4 credit points in {SEN727, SEN728, SEN725, SEN769, SEN770, SEV702}

ELECTRICAL AND RENEWABLE ENERGY ENGINEERING (EL-S000111)
SEE705 Energy Efficiency, Management and Market Analysis
SEE706 Power System Analysis
SEE716 Electrical Systems Protection
SEE717 Smart Grid Systems

SEE718 Renewable Energy Systems
SEE719 Microgrid Design, Integration and Management

- Completion Rule
- Must pass 4 credit points in {SEE705, SEE706, SEE716, SEE717, SEE718, SEE719}

MASTER ENGINEERING MANAGEMENT COURSE ELECTIVES (EL-S000116)
MAF752 Principles of Finance
MIS770 Foundation Skills in Data Analysis
MIS781 Business Intelligence and Database
MMH707 Managed Change
MMM760 Small Business Management
MPM779 Leadership in Complexity
MPM780 Foundations in Leadership
SEN770 Infrastructure Engineering
SIT718 Real World Analytics
SLE720 Risk Assessment and Control
SRQ 745 Construction Company Management
SRQ 763 Project Risk Management

- Completion Rule
- Must pass 5 credit points in {MAF752, MIS770, MIS781, MMH707, MMM760, MPM779, MPM780, SEN770, SIT718, SLE720, SRQ 745, SRQ 763}

MECHANICAL ENGINEERING (EL-S000113)
SEJ751 Materials Performance and Durability
SEM700 Computational Fluid Dynamics
SEM711 Applied Dynamics and Product Development Technologies
SEM712 Advanced Modelling and Simulation
SEM721 Product Design and Development
SEM722 Advanced Manufacturing Technology

- Completion Rule
- Must pass 4 credit points in {SEJ751, SEM700, SEM711, SEM712, SEM721, SEM722}

ROBOTICS AND AUTOMATION ENGINEERING (EL-S000114)
SEE701 Advanced Control Systems Engineering

SEE710 Industrial Automation
SEE711 Iot Systems Engineering
SEE712 Applied Signal Processing
SEN771 Intelligent Autonomous Robots
SIT720 Machine Learning

- Completion Rule
- Must pass 4 credit points in {SEE701, SEE710, SEE711, SEE712, SEN771, SIT720}

SMART MANUFACTURING (EL-S000115)
SEE711 Iot Systems Engineering
SEM722 Advanced Manufacturing Technology
SEM724 Design for Additive Manufacturing
SEN771 Intelligent Autonomous Robots
SIT718 Real World Analytics
SIT742 Modern Data Science

- Completion Rule
- Must pass 4 credit points in {SEE711, SEM722, SEM724, SEN771, SIT718, SIT742}