- Master of Chemical Engineering (Professional)
Chemical Engineering:
- Master of Engineering Science (Management)
- Master of Engineering Science
- Graduate certificate

Acknowledgement of Country

The University of Queensland (UQ) acknowledges the Traditional Owners and their custodianship of the lands on which we meet.

We pay our respects to their Ancestors and their descendants, who continue cultural and spiritual connections to Country.

We recognise their valuable contributions to Australian and global society.

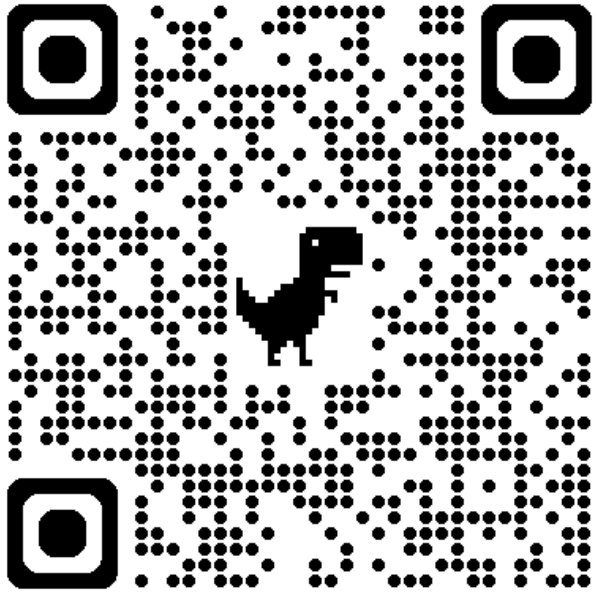
The Brisbane River pattern from *A Guidance Through Time* by Casey Coolwell and Kyra Mancktelow.

Plan For Today's Session

Duration	Activity
10 minutes	Welcome
10 minutes	Program Information in Groups
20 minutes	Working with spreadsheet
20 minutes	Networking

In your own time, watch this video

A faculty specific, carefully considered general information introduction. If you do just one thing to help prepare you for studies in this faculty, watch this video.



https://www.youtube.com/watch?v=oXZZvygHea8

Timetables, Changing & Dropping Courses

Class Allocation is via MyTimetable system via your my.UQ Dashboard: http://my.uq.edu.au/

1. Go to **'mySI-net'** to enrol in chosen course(s)

2. Go to **'My Timetable'** to use the Allocate+ system to preference class times **(Closed 7/07/2025)**

3. Classes are then allocated automatically with personal timetable released **12pm 14/07/2025**

4. **Class Adjustment** by 9am **(11/08/2025)**:
Didn't get the time you wanted, or now need to change times?

Use **'My Timetable'** to:

- Swap to other classes if there is space.
- Add your name to a waitlist to swap to preferred class
- Contact eait.mytimetable@uq.edu.au if you still have unavoidable clashes

Timetables, Changing & Dropping Courses

Need to **add** or **change** courses?

- Go to step (1) then (2) or (4) on the previous slide [depending on when you change].

  Adding courses is available till **Friday 8th August 2025**

Need to **drop** a course?

- International students MUST discuss with EAIT faculty office before reducing below #8.
- Census date (last day to drop a course without financial liability): Sunday 31st August 2025
- Last day to withdraw from a course without academic penalty: Tuesday 30th September 2025

Enrolled in the ME (Professional) program?

- You will need to do 430h of professional practice in addition to your coursework
    - This includes time spent working in an industry placement setting
- Questions? Contact the Employability team (Building 50-C305)!

Professional Practice

https://www.eait.uq.edu.au/engineering-professional-practice

or employability@eait.uq.edu.au

Course plan

Master_ChemEng_Table_of_courses.xlsx

Master of Chemical Engineering (Professional)

Year 1	Course 1	Course 2	Course 3	Course 4
Jul S2	Core	Core	Advanced Undergraduate Elective	Management Elective
	ENGG7901	ENGG7902	CHEE4020	TIMS7328
	Professional Engineering and the Business Environment: Global Practice	Engineering Innovation and Leadership	Bioprocess Engineering	Strategies for Business Sustainability and Innovation
Feb S1	Core	Core	Postgraduate Elective	Postgraduate Elective
	ENGG7518	CHEE4002	MECH7101	WATR7104
	Research Methods for Engineers	Risk in Process Industries	Design of Experiments	Sewer Networks - Design, Operation and Maintenance
Year 2	**Course 1**	**Course 2**	**Course 3**	**Course 4**
Jul S2	Research Project	Research Project	Core	Core
	CHEE7381	CHEE7381	CHEE4001	CHEE4001
	Research Thesis	Research Thesis	Process Engineering Design Project	Process Engineering Design Project
Feb S1	Research Project	Research Project	Postgraduate Elective	Management Elective
	CHEE7381	CHEE7381	MATE7001	TIMS7323
	Research Thesis	Research Thesis	Environmental Performance of Materials	Bio-Entrepreneurship and Innovation

Master of Chemical Engineering (Professional)	Current:
Complete 32 units comprising:	32
12 units for all MChemEng(Prof) Core Courses	12
4 to 8 units from MChemEng(Prof) Research Project Courses	8
0 to 6 units from MChemEng(Prof) Advanced Undergraduate Elective Courses	2
6 to 16 units from MChemEng(Prof) Postgraduate Elective Courses	6
0 to 4 units from MChemEng(Prof) Management Elective Courses	4

- You will need to do 430h of professional practice in addition to your coursework
- Avoid pitfalls:
  - CHEE4002 is core, but given only in S1
  - CHEE4001 is core, but given only in S2
  - CHEE7113 and CHEE7111 are companion courses – must be taken together

Year 1	Course 1	Course 2	Course 3	Course 4
Jul S2	Management Elective	Discipline Elective	Management Elective	Management Elective
	MGTS7523	ENGG7302	EIBS7300	TIMS7328
	System Dynamics	Advanced Computational Techniques in Engineering	Creativity for Innovation and Design Thinking	Strategies for Business Sustainability and Inno
Feb S1	Compulsory	Breadth Elective	Discipline Elective	Discipline Elective
	CHEE4002	ENGY7002	CHEE7113	CHEE7111
	Risk in Process Industries	Energy and Development	Whole of Process Optimisation and Control	Advanced Process and System Modelling
Year 2	**Course 1**	**Course 2**	**Course 3**	**Course 4**
Jul S2	Research Project	Research Project	Management Elective	Breadth Elective
	CHEE7381	CHEE7381	TIMS7301	ENGY7003
	Research Thesis	Research Thesis	Principles of Entrepreneurship	Energy Transitions in Industrial Processes
Feb S1	Research Project	Research Project	Management Elective	Management Elective
	CHEE7381	CHEE7381	MGTS7611	MKTG7512
	Research Thesis	Research Thesis	Employee and Organisational Development	Strategic Marketing Management

Chemical Engineering: Master of Engineering Science (Management)

Chemical Engineering: Master of Engineering Science (Management)	Current:
Complete 32 units comprising:	32
2 units for all MEngSc (Man) (Chemical Engineering) Compulsory Course	2
4 to 10 units from MEngSc (Man) (Chemical Engineering) Discipline Elective Courses	6
0 to 6 units from MEngSc (Man) (Chemical Engineering) Breadth Elective Courses	4
4 to 8 units from MEngSc (Man) (Chemical Engineering) Research Project Courses	8
12 units for MEngSc (Man) (Chemical Engineering) Management Elective Courses	12

- Avoid pitfalls:
  - CHEE4002 is core, but given only in S1
  - ENGG6020 is listed but is not delivered anymore
  - CHEE7113 and CHEE7111 are companion courses – must be taken together

Chemical Engineering: Master of Engineering Science

Year 1	Course 1	Course 2	Course 3	Course 4
Jul S2	Discipline Elective	Breadth Elective	Discipline Elective	Breadth Elective
	MECH7101	ENVM7524	BIOE6028	MATE7014
	Design of Experiments	Carbon & Energy Management	Metabolic Engineering	Advanced Materials Characterization
Feb S1	Compulsory	Discipline Elective	Research Project	Research Project
	CHEE4002	CHEE7111	CHEE7340	CHEE7340
	Risk in Process Industries	Advanced Process and System Modelling	Research Project	Research Project

Chemical Engineering: Master of Engineering Science	Current:
Complete 16 units comprising:	16
2 units from MEngSc (Chemical Engineering) Flexible Compulsory Course	2
4 to 6 units from MEngSc (Chemical Engineering) Discipline Elective Courses	6
0 to 6 units from MEngSc (Chemical Engineering) Breadth Elective Courses	4
4 to 8 units from MEngSc (Chemical Engineering) Research Project Courses	4
Selected courses must include at least 8 units at level 7.	14

- Avoid pitfalls:
  - CHEE4002 is core, but given only in S1
  - ENGG6020 is listed but is not delivered anymore

Masters of Chemical Engineering (Graduate Certificate)

Chemical Engineering: Graduate certificate in Engineering Science

Chemical Engineering: Graduate certificate in Engineering Science	Current:
Complete 8 units comprising:	8
2 units from GCEngSc (Chemical Engineering) Compulsory Course , and	2
2 to 6 units from GCEngSc (Chemical Engineering) Discipline Elective Courses , and	4
0 to 4 units from GCEngSc (Chemical Engineering) Breadth Elective Courses	2

Year 1	Course 1	Course 2	Course 3	Course 4
Jul S2	Compulsory	Discipline Elective	Discipline Elective	Breadth Elective
	CHEE4002	CHEE7111	MATE7001	ENGY7002
	Risk in Process Industries	Advanced Process and System Modelling	Environmental Performance of Materials	Energy and Development

Anyone starts in Semester 2?

- Avoid pitfalls:
  - CHEE4002 is core, but given only in S1
  - ENGG6020 is listed but is not delivered anymore