



THE UNIVERSITY  
OF QUEENSLAND  
AUSTRALIA

CREATE CHANGE

# Program Information for the Masters of Bioengineering & Urban Water Engineering

# 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
12:00pm - 12:10pm	Welcome and icebreaker activity
12:10pm - 12:30pm	Program Information
12:30pm - 12:45pm	Q&A
12:45pm - 1:00pm	Team building activity
1:00pm - 2:00pm	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**

**Class Adjustment** by 9am **(11/08/2025)**:

Didn't get the time you wanted, or now need to change times?

4. Use **'My Timetable'** to:
- Swap to other classes if there is space.
  - Add your name to a waitlist to swap to preferred class
  - Contact [eaitsupport@mytimetable.uq.edu.au](mailto:eaitsupport@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 8<sup>th</sup> 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 31<sup>st</sup> August 2025**
- Last day to withdraw from a course without academic penalty: **Tuesday 30<sup>th</sup> 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](mailto:employability@eait.uq.edu.au)





# URBAN WATER

Coordinator: A/Prof Gilda  
Carvalho



# Masters of Urban Water (Professional)

Year 1	Course 1	Course 2	Course 3	Course 4
Jul	ENGG7902 Engineering Innovation and Leadership	WATR6103 Wastewater and Biosolids Treatment	WATR6104 Sewer Systems	ENGG7518 Research Methods for Engineers
Feb	ENGG7901 Prof. Engineering & the Business Environment	CIVL7131 Urban Hydrology	WATR6105 Integrated Urban Water Management	WATR6109 Drinking Water Supply
Year 2	Course 1	Course 2	Course 3	Course 4
Jul	CHEE7382 (*)	WATR6107 Wastewater Modelling & Control	Elective e.g. WATR6106 Emerging Contaminants in Water and Pub. Health	
Feb	Engineering Project 8A	WATR6108 Unit Operations in Water Management	CHEE4001 Risk in Process Industries	

**See Full Course List for ME (Prof) Urban Water:**

<https://programs-courses.uq.edu.au/requirements/program/5748/2025>

**Professional Practice**

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

or  
[employability@eait.uq.edu.au](mailto:employability@eait.uq.edu.au)

(\*) ENGG7292 Engineering Placement can be taken instead.

Please contact A/Prof Gilda Carvalho if you wish to take a placement to re-design your study plan.



# Masters Eng Sci Mgmt - Urban Water Engineering

Year 1	Course 1	Course 2	Course 3	Course 4
Jul	Management	Elective e.g. WATR6106	WATR6103	Management
	Elective	Emerging Contaminants in Water and Pub. Health	Wastewater and Biosolids Treatment	Elective
Feb	Management	WATR6105	WATR6109	Management
	Elective	Integrated Urban Water Management	Drinking Water Supply	Elective
Year 2	Course 1	Course 2	Course 3	Course 4
Jul	Elective	WATR6104 Sewer Systems	WATR6107 Wastewater Modelling & Control	Management Elective
Feb	CHEE7340 Research Project		WATR6108 Unit Operations in Water Management	Management Elective

**See Full Course  
List for  
MEngScMan  
Urban Water:**

<https://programs-courses.uq.edu.au/requirements/plan/URBWAX5530/2025>

# Master of Eng Sci – Urban Water Engineering

**See Full Course  
List for MEngSc  
Urban Water:**

<https://programs-courses.uq.edu.au/requirements/plan/URBWAX5528/2025>

Year 1	Course 1	Course 2	Course 3	Course 4
Jul	WATR6103	WATR6104	WATR6107	Elective e.g. WATR6106
	Wastewater and Biosolids Treatment	Sewer Systems	Wastewater Modelling & Control	Emerging Contaminant s in Water and Pub. Health
Feb	WATR6105	WATR6109	CHEE7340	
	Integrated Urban Water Management	Drinking Water Supply	Research Project	

# Graduate Certificate – Urban Water Engineering

Year 1	Course 1	Course 2	Course 3	Course 4
Jul	e.g. WATR6103 Wastewater and Biosolids Treatment	e.g. WATR6104 Sewer Systems	e.g. WATR6107 Wastewater Modelling & Control	e.g. WATR6106 Emerging Contaminant s in Water and Pub. Health

**See Full Course  
List for GradCert  
Urban Water:**

<https://programs-courses.uq.edu.au/requirements/plan/URBWAX5527/2025>

# Note about Breadth Electives in MEngSci, MEngSci(man) and Grad Cert

List displayed online is being updated. Current list includes:

ENVH7001 Environmental Health Risk - Biological Hazards

ENVM7001 Foundations in Environmental Studies

ENVM7201 Catchment Processes & Management

ENVM7202 Conservation Planning & Management

ENVM7512 Environmental Problem Solving

ENVM7524 Carbon & Energy Management

CIVL6121 Environmental Hydraulics and Flood Management



# BIO/ ENGINEERING

Coordinator: A/Prof Adrian  
Oehmen



# Masters of Bioengineering (Professional)

Year 1	Course 1	Course 2	Course 3	Course 4
Jul				ENGG7518
	ENGG7902		BIOE4305	
	Engineering Innovation and Leadership	Elective	Biomaterials: Materials in Medicine	Research Methods for Engineers
Feb				
	ENGG7901	BIOE4020	BIOE6034	Elective
	Prof. Engineering & the Business Environment	Bioprocess Engineering	Cell and Tissue Engineering	
Year 2	Course 1	Course 2	Course 3	Course 4
Jul			BIOE6028 Metabolic Engineering	Elective
	CHEE7382			
Feb	Engineering Project 8A			
			Elective	Elective

**See Full Course List for ME (Prof) Bioengineering:**

<https://programs-courses.uq.edu.au/requirements/program/5761/2025>

**Professional Practice**

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

or  
[employability@eait.uq.edu.au](mailto:employability@eait.uq.edu.au)

# Masters of Bioprocess Engineering (Master of Eng Sci Mgmt)

Year 1	Course 1	Course 2	Course 3	Course 4
Jul				Management
	Management		BIOE4305	
	Elective	Elective	Biomaterials: Materials in Medicine	Elective
Feb				
	Management	BIOE4020	BIOE6034	Management
	Elective	Bioprocess Engineering	Cell and Tissue Engineering	Elective
Year 2	Course 1	Course 2	Course 3	Course 4
Jul	CHEE7382		BIOE6028 Metabolic Engineering	Management Elective
Feb	Engineering Project 8A		Elective	Management
				Elective

**See Full Course List for MEngScMan Bioprocess Engineering:**

<https://programs-courses.uq.edu.au/requirements/plan/BIOPEX5530/2025>

# Masters of Bioprocess Engineering (Master of Eng Sci)

**See Full Course  
List for MEngSc  
Bioprocess  
Engineering:**

<https://programs-courses.uq.edu.au/requirements/plan/BIOPEX5528/2025>

Year 1	Course 1	Course 2	Course 3	Course 4
Jul				
	BIOE4305	BIOE6028		
	Biomaterials: Materials in Medicine	Metabolic Engineering	Elective	Elective
Feb				
	BIOE4020	BIOE6034	CHEE7340	
	Bioprocess Engineering	Cell and Tissue Engineering	Research Project	

# Masters of Bioengineering (Graduate Certificate)

Year 1	Course 1	Course 2	Course 3	Course 4
Jul	BIOE4305	BIOE6028		
	Biomaterials: Materials in Medicine	Metabolic Engineering	Elective	Elective

**See Full Course  
List for GradCert  
Bioengineering:**

<https://programs-courses.uq.edu.au/requirements/plan/BIOPEX5527/2025>

## Icebreaker - Conversation Starters

**Skip the awkward small talk!** Scan the QR code to access some fun and interesting questions to ask each other and get the conversation started.

