

Welcome!

Postgraduate Computer Science

Postgraduate Cyber Security

Postgraduate Data Science

Postgraduate Interaction Design

Postgraduate Information Technology

**Electrical Engineering and
Computer Science**



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.*



What's happening today?

Joseph – EAIT Student Leader

Welcome from Head of School – Prof. Michael Bruenig

General Information – Joseph Hatcliff

Planning for Thesis – Prof. Janet Wiles

Student Capstone Projects – Jason Weigel

Building good study habits – David Rowland

AUA (Ask us anything) Panel

Get to know your Program Sessions

EXPO & Lunch – UQ Centre

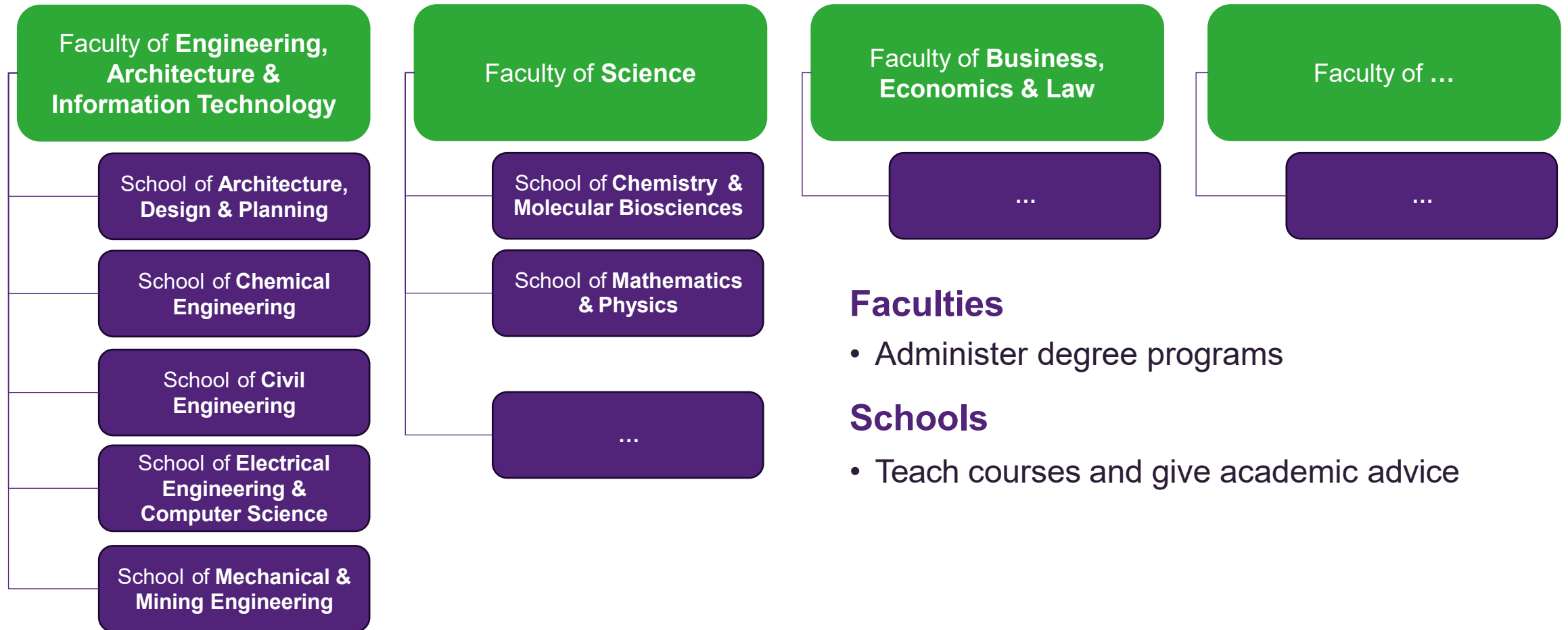


Head of School Welcome

Prof. Michael Bruenig

General Information

University Structure



Faculties

- Administer degree programs

Schools

- Teach courses and give academic advice

UQ Terminology

Program: the degree you're studying, e.g. MInfTech, BCompSc, BE(hons), MDataSci, etc.

Course: the individual subjects that make up your degree program

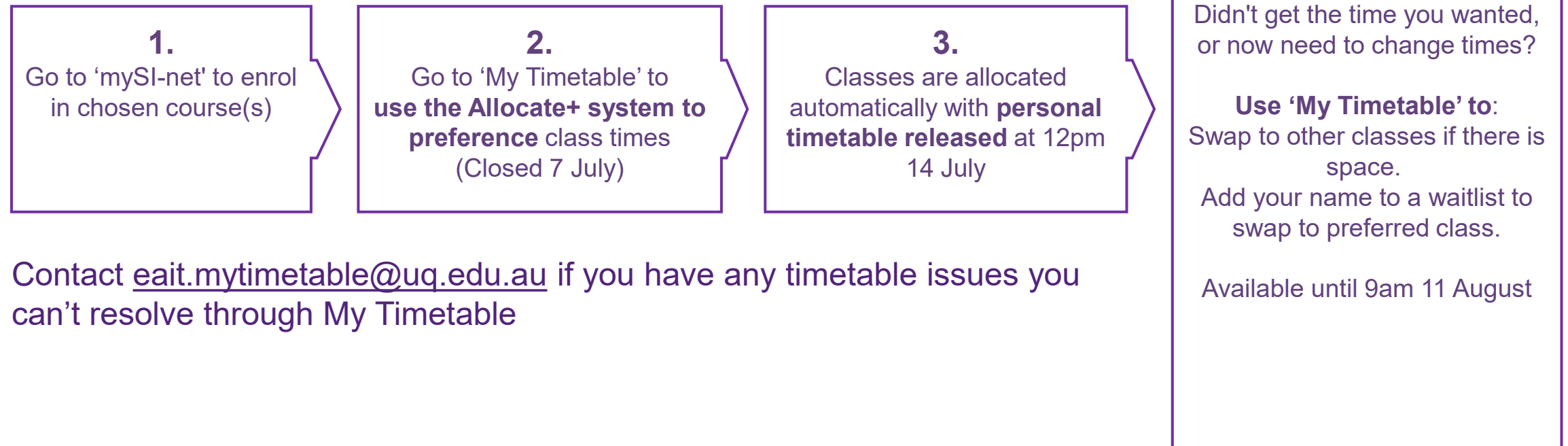
- Each course has a course code (e.g. "CSSE7030", "ENGG4702", "DECO3500")
- The first 4 characters are the subject area, the first number indicates the year level of the course.

Unit: measure of workload of a course.

- Most courses are worth 2 units
- A standard **full-time study load** is 8 units per semester (4 courses).
- Each course has up to 5 hrs of scheduled class time, and typically expects 5 hrs self-study outside of class.
- A **typical MInfTech program** requires 32 units to graduate, 4 semesters = 2 years

Timetables & Allocate+

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



Contact eait.mytimetable@uq.edu.au if you have any timetable issues you can't resolve through My Timetable

Changing & Dropping Courses

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

- Add courses using mySinet until Friday 8th August (end of Week 2)
- You need to preference class times for the new course (step 2 or 4 from previous)

Need to **drop** a course?

- International students **MUST** discuss with EAIT faculty office before reducing below #8 units.
- You can drop courses **without financial liability** until census date Sunday 31st August 2025
- You can drop courses **without academic penalty** until Tuesday 30th September 2025



Email

All official communication is sent to your student email account

- You may choose to forward this to an alternative email address
- **It is assumed that you are checking your emails regularly!**
- Recommend you install Outlook as mail client for quick access to your emails.

If you email us (including your lecturers) always include:

- Your full name
- 8 digit student number
- Program (e.g. BE (Hons), BCompSc, MInfTech, etc.)
- Plan if applicable (e.g. Cyber Security)
- Contact telephone number



Course Profiles & Websites

Course profile (ECP) describes what you should expect in a course:

- Topics covered
- Expected learning outcomes
- Assessment
- Textbooks
- Other important information

Access via my.UQ, Blackboard or Courses & Programs:

- www.my.uq.edu.au/programs-courses

Each course will have a Blackboard site:

- available from: www.learn.uq.edu.au
- all materials for your enrolled courses available
- contact details for teaching staff
- assessment information and submission

Introduction to Web Design (DECO1400)

Information valid for Semester 1, 2025

Course level
Undergraduate
Faculty
Engineering, Architecture & Information Technology
School
Elec Engineering, Comp Science
Units
2
Duration
One Semester
Attendance mode
In Person
Class hours
Lecture 1 Hour/ Week Tutorial 1 Hour/ Week Practical 2 Hours/ Week
Incompatible
DECO7140 or IENV7961 or MMDS1400 or MMDS7961
Assessment methods
Practical, Assignments and Project
Course enquiries

Current course offerings

Course offerings	Location	Mode	Course Profile
Semester 1, 2025 (24/02/2025 - 21/06/2025)	St Lucia	In Person	PROFILE UNAVAILABLE

Please Note: Course profiles marked as not available may still be in development.

Course description

This course introduces the student to design and development practices for multimedia content, focusing particularly on web sites. Modern design practices for the web are taught, framed by an introduction to human-centred design techniques, particularly heuristic based interface design guidelines for web interfaces and web accessibility from a global perspective. Today's web sites need to be both well designed and dynamic, thus the course also introduces some basic scripting techniques for going beyond static content. The focus of learning is activity based and incorporates both individual and team based exercises.

Archived offerings

Course offerings	Location	Mode	Course Profile
Semester 1, 2024 (19/02/2024 - 15/06/2024)	St Lucia	In Person	COURSE PROFILE
Semester 1, 2023 (20/02/2023 - 17/06/2023)	St Lucia	In Person	COURSE PROFILE
Semester 1, 2023 (20/02/2023 - 17/06/2023)	External	External	COURSE PROFILE
Semester 1, 2022 (21/02/2022 - 21/06/2022)	St Lucia	Internal	COURSE PROFILE
Semester 1, 2022 (21/02/2022 - 21/06/2022)	External	External	COURSE PROFILE
Semester 1, 2021 (22/02/2021 - 19/06/2021)	St Lucia	Flexible Delivery	COURSE PROFILE
Semester 1, 2021 (22/02/2021 - 19/06/2021)	External	External	COURSE PROFILE
Semester 1, 2020 (24/02/2020 - 11/07/2020)	St Lucia	Internal	COURSE PROFILE
Semester 1, 2020 (24/02/2020 - 11/07/2020)	St Lucia	Internal	COURSE PROFILE

Balance your life & enjoy your time at UQ

Ensure you have stable living and transport arrangements

Work life balance is important! Carefully balance study, work, social, hobbies, family responsibilities.

Connect with other students:

- **In classes** – best place to meet people!
- **UQ Clubs and Societies:** <http://www.uqu.com.au/clubs-societies>
- **Computing related societies:**
 - UQ Computing Society: <http://uqcs.org.au>
 - UQ Cyber Squad: <https://cybersquad.uqcloud.net/>
 - UQ Ladies in Technology: <https://uqu.com.au/clubs-and-societies/uq-ladies-in-technology-uqlit/>
 - UQ Mechatronics & Robotics Society: <https://uqmars.com/>
 - UQ Reality Labs: <https://uqu.com.au/clubs-and-societies/uq-reality-labs-uqrl/>

Need help? Feeling overwhelmed?

- Student Support Services – <https://my.uq.edu.au/contact/student-central>

EECS Student Hub

<https://learn.uq.edu.au/ultra/organization>

Dedicated Blackboard site for all coursework students in the school.

Automatically enrolled as a student in EECS

Opportunity to ask questions & give feedback via EdDiscussion.



EAIT Student Experience: Linktree

<https://linktr.ee/eaitstudentexperience>

Links to resources for commencing students.

Including a video message from our Associate Dean Academic Prof. Liza O'Moore with great tips on getting started.



Planning your pathways

Thesis & Capstone

All postgraduate programs finish with a:

Thesis – supervised, individual research project

Capstone Project – team-based industry-style project

Thesis

REIT 7841 or 7842 (#4) Research & Development Methods and Practice

Thesis is an individual research project in the final year of your program. It takes 2 semesters.

For students starting their thesis in semester 1, 2026, there is an information session in Week 13:

Wed 29th October 2025, 12 noon

Building 42 Room 115

EECS thesis website:

<https://www.eecs.uq.edu.au/thesis>

EECS thesis enquiries:

thesis_enquiries@eecs.uq.edu.au

EECS thesis database:

<https://student.eait.uq.edu.au/projects/?>

Postgraduate

MCompSc, MElecEng (Prof), MSoftEng (Prof), MEngSc, MInfTech, MIDes

Units (#)	Year Long Project (start Sem 1)	Year Long Project (start Sem 2)
4	REIT7841	REIT7842
8	REIT7881*	REIT7882*

** = Only available by permission or in exceptional circumstances. A competitive selection process (with interview) may apply for placement projects.*

REIT6811

REIT6811 Research Methods (#2)

Postgraduates should take REIT6811 in your **first** semester at UQ

It teaches research skills that are needed in your thesis

EECS Thesis: Useful links

Coordinator: Dr Karl Bertling

EECS thesis website: <https://www.eecs.uq.edu.au/thesis>

EECS thesis enquiries: thesis_enquiries@eecs.uq.edu.au

EECS thesis database: <https://student.eait.uq.edu.au/projects>

Each semester, information sessions are held in Week 13 and o-week to help students find supervisors.

Student Capstone Projects

Jason Weigel – DECO7380/7381 (practitioner pathway for MInfTech & MIntDes)

DECO7380: Studio 3 Propose

DECO7381: Studio 3 Build

DECO7385: Physical Computing Studio (Core for MIntDes)

Builds on skills and knowledge learnt in your entire degree.

Make sure to do them in your final year! Ideally Propose then Build.

Work in a multidisciplinary team to design and develop well-rounded prototypes.

The large projects require multiple skill sets; you can't do it all yourself!

Excellent examples for your portfolio / CV.

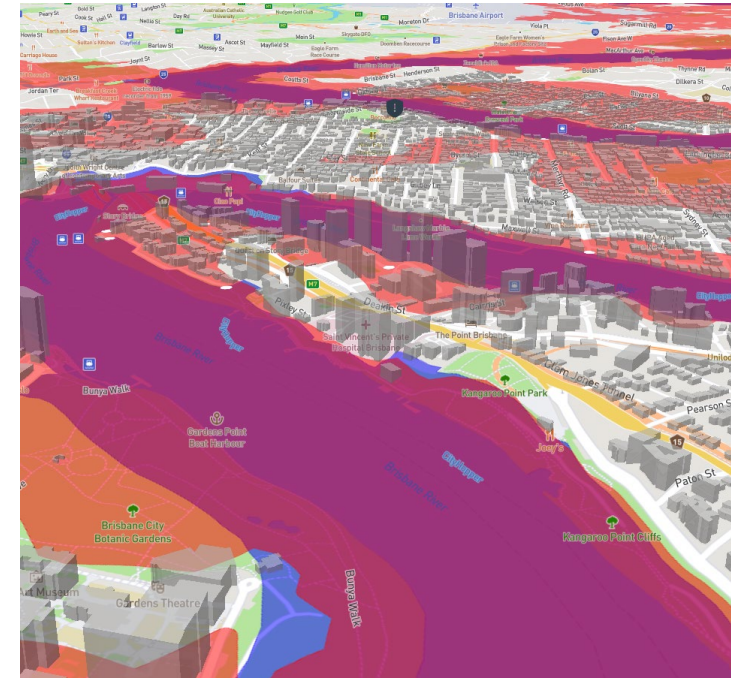
Show off what you can do to future employers!

Select a project that aligns with your program to get the most out of the experience.

Challenge yourself and have fun.

Student Capstone Projects

Jason Weigel – DECO7380/7381 (practitioner pathway for MInfTech & MIntDes)



Strategies for a successful transition or return to university studies

Dr David Rowland

Academic Skills Adviser
Student Support and Wellbeing Services

One key to success: Get yourself organised and develop a consistent study routine.

Class	Uni work	Travel	Paid work	Meal	Other set activities	Chores	R & R
Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
6:30 AM							
7:00 AM							
7:30 AM							
8:00 AM							
8:30 AM							
9:00 AM							
9:30 AM							
10:00 AM							
10:30 AM							
11:00 AM					ENVH7001		
11:30 AM					Online classes		
12:00 PM			PUBH7000 L				
12:30 PM			Herston				
1:00 PM							
1:30 PM							
2:00 PM	OHSS7000 W						
2:30 PM							
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6:00 PM				POLS7111 T			
6:30 PM				Online			
7:00 PM							
7:30 PM							
8:00 PM							
8:30 PM							
9:00 PM							

Treat uni like a job and schedule your hours for uni work.

- Aim for around 10 hours per week for each two unit course – make sure you are not overcommitted!
- But, make time for exercise, fun and downtime too: a happy and healthy brain is a productive brain!

Support productivity by setting goals each day:

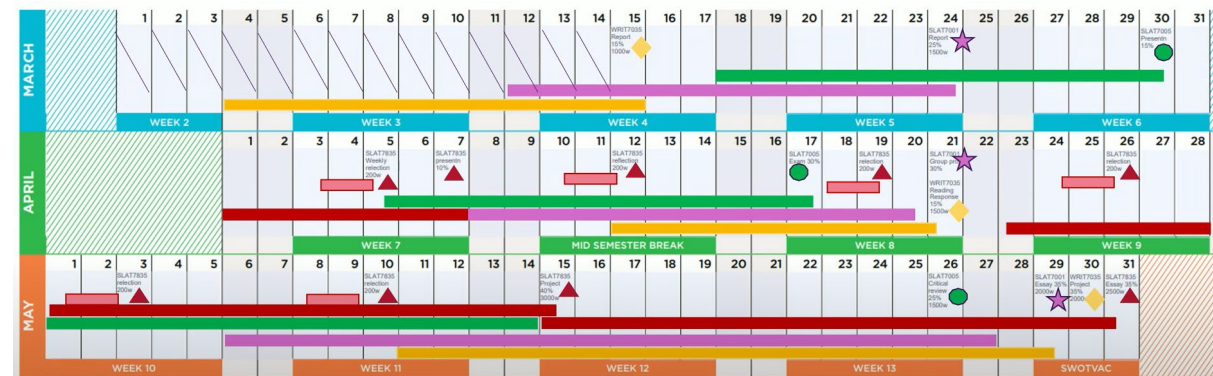


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Downloads:

- [Weekly planner](#)
- Semester and other [planners](#)

Project manage your assessment tasks with a semester planner:



Other ways to support focus and consistency

Use the fact that environment can help shape behaviour:

You want your brain to be thinking: “I am at ‘work’, so I should be ‘working’.”



versus



Study groups can also support motivation and perseverance: Beware becoming socially isolated!



[Try the First Year Engineering Learning Centre \(50-C201\)](#)

Online versions:

- [Study Together: 24/7 Study Room & Focus Room](#)
- [StudyStream | Study With Strangers | Study Together](#)

Beware relying on the “motivation fairy”:

- Motivation often comes only *after* you get started, not before.
- To get started, start with something small or easy.
- Lower barriers by building your skills.
- You may even find doing a small chore first will help get you moving.



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But what if your brain works a little differently?

Try the [Neurodivergent Hub](#) workshops and services.



ADHD Coaching sessions

Develop connections and strategies to support your studies.



Neurodivergent Meet-up

Come along to learn new skills and meet other neurodivergent students who are sharing your experiences.



Neurodivergent Check-in workshop

Learn how to identify challenges earlier in the semester and develop strategies to progress through the semester.



Neurodivergent Mentoring program

Have the opportunity for more tailored support and explore strategies through one-on-one support for the first 6 weeks of semester 1.



Tertiary Transition Toolbox

The TTT is a 2-day workshop offered in the lead-up to semester 1. This workshop assists neurodivergent students to transition into university life and study.

Level up your approaches to learning: “Cruise and cram” doesn’t work at uni

Fundamental principle: “Use it or lose it!”

Ensure spaced repetition by using
the **Study Cycle** each week.

1. Make your brain “sticky” with **prereading**.
(Just a quick overview.)
2. **Attend** / view lecture and take notes
You won’t remember content / explanations otherwise.
3. Within 48 hours, **review** lecture notes
= fill in gaps in content and understanding
Test: Could you explain things to another student?
4. Two or three times across week, **practise**
applying content / quiz yourself on it.
Reality check every few weeks: Can you do past exam questions under exam conditions?
5. **Periodically** across semester, **test** yourself on earlier content.



Adobe stock image

Like exercise, the keys to success are:

- Frequency [routine]
- Duration [engaging]
- Intensity [test yourself]

Across all four domains of knowledge:



- **Factual**
Can recall
- **Conceptual**
Can explain
- **Procedural**
Can do
- **Metacognitive**
Can problem solve:
 - About own learning
 - About disciplinary problems

THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

A screenshot of a library search interface. At the top, the word "Library" is displayed in large white font on a dark purple background. Below it, the word "Search" is in a smaller white font. A white dropdown menu is open, showing a list of search categories. The categories are: "All" (highlighted with a light blue background), "Books", "Journal articles", "Video and audio", "Journals", "Physical items", "Databases", "Past exam papers" (which is circled with a red hand-drawn rectangle), and "Course reading lists". A small downward arrow icon is visible at the top right of the dropdown menu.

[illegible]

Develop your skills and look after yourself

Search: “Workshops uq”

Study Skills Workshops

Study skills workshops are held at various times throughout the semester and are designed to help you develop your academic skills. If you are a new student, we recommend getting started with a workshop in Orientation week so that you can get off to a great start.



Ten steps to better assignments



Reading strategies for university



Referencing well and avoiding plagiarism



Studying effectively at University



Effective listening and note-taking skills



Managing your time and study at university

<https://my.uq.edu.au/information-and-services/student-support/workshops>

And more generally:

<https://my.uq.edu.au/student-support>

Search: “Wellbeing programs uq”



Sharper Minds

- For all UQ students
- Preventative health strategies
- Short self-paced online modules and courses co-designed by students



Mindfulness Inside and Out

- Attention training
- Develop self awareness
- Weekly support



Art for Wellbeing

- Art-based therapy
- Self-exploration
- Weekly sessions



Pushing Past Performance Anxiety

- Step-by-step guidance
- Body and mind strategies
- Weekly support



Confidence Chats

- Build confidence
- Tackle challenges
- Know your neuro-type



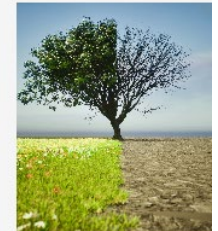
Bye Social Anxiety

- Acceptance Commitment Therapy
- Identify triggers
- Short course



Relationships 101

- Conflict resolution
- Managing emotions
- Short course



Let's Talk About Loss

- Disenfranchised grief
- Support group
- Short course



Freedom From Your Cage



Art and Psyche

- Depth psychology
- Intuitive drawing



Death, Dying, and Renewal



Your Suggestions

Your ideas matter to us! What new program would you like to see?

<https://my.uq.edu.au/information-and-services/student-support/health-and-wellbeing/mental-health-and-emotional-support/wellbeing-programs>

Good luck!

Dr David Rowland

Academic Skills Adviser

d.rowland@uq.edu.au

CRICOS 00025B • TEQSA PRV12080

Ask Us Anything

Thesis Coordinator – Janet Wiles

Director Student Experience – Lorna Macdonald

Postgraduate Convenors

over to you!

What Next?

Get to know your Program Sessions (until 1pm)

Computer Science – Dr Larissa Meinicke

Cyber Security – Dr Priyanka Singh

Data Science – Dr Slava Vaisman / Dr Sen Wang

Interaction Design – Dr Dhaval Vyas

Information Technology – Dr Nell Baghaei

Expo @ The UQ Centre (from 1pm)

Stalls from various UQ services

Student Societies

Lunch provided!

Thank you & welcome to UQ!