

# Career Pulse

Career inspiration  
for curious minds

Thursday 24 April 2025



# Welcome

## During the day you will:

- Hear from academic staff, industry professionals, UQ graduates and current students.
- Explore UQ's beautiful St Lucia campus and check out some of our state-of-the-art facilities.
- Learn how you can create change by doing what you love, in a career that's right for you.
- Identify your strengths and interests with sessions focusing on:



Innovation



Human Connection



Leadership



Sustainability



Technology

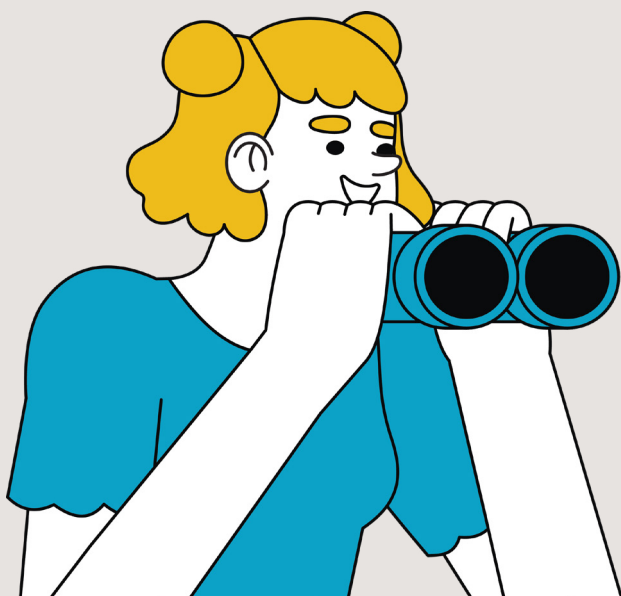
## Program

The day will kick off with a check-in at the UQ Centre, where you will be greeted with a warm welcome from our students and staff. Following this, you will be split into your session groups and then guided to the designated lecture theaters. Throughout the day, you will engage in three session blocks, all career-focused and covering a range of topics. When you register for this event, you will be prompted to select one session from each time block.

Places are limited, so [register early](#) to secure your spot.

## How will the day run?

TIME	ACTIVITY
8-9am	Check-in
9-9:15am	Welcome
9:15-9:30am	Walk to block 1
9:30-10:30am	Block 1 sessions
10:30-11am	Morning tea (BYO)
11-11:15am	Walk to block 2
11:15am - 12:15pm	Block 2 sessions
12:15-1pm	Lunch (supplied)
1-1:15pm	Walk to block 3
1:15-2:15pm	Block 3 sessions
2:15-2:30pm	Walk back to UQ Centre
2:30-2:35pm	Wrap up and finish



# Block 1

9:30–10:30am

INNOVATION		
SESSION	DESCRIPTION	STUDY AREA
<b>What does it mean to be a biomedical scientist?</b>	Discover how biomedical scientists are helping develop treatments for diseases through clinical tests, research and collaboration with doctors, nurses and other healthcare professionals. Find out what this career path entails by exploring hands-on activities in a lab environment.	Medicine

HUMAN CONNECTION		
SESSION	DESCRIPTION	STUDY AREA
<b>Domestic violence and the law in Queensland</b>	Find out what protection Queensland law provides victims of domestic and family violence. Analyse what we could be doing better and how you can help yourself and your friends. Please note: this discussion may be confronting. Personal reflection on the content is encouraged before choosing to attend.	Business, Economics and Law
<b>Nutrition and performance: fuel for success</b>	Gain insights into the world of human movement and nutrition. Get involved in fun, hands-on activities to discover how food choices impact muscle function, fatigue and athletic performance. Students will analyse nutrition labels, undertake strength tests and create a meal plan for an athlete.	Health and Behavioural Sciences
<b>Mind matters: exploring the science of human behaviour</b>	Explore psychology to uncover the forces behind our thoughts, decisions and behaviours. Get involved in hands-on activities and real-life scenarios to reveal the human mind's workings. See how psychologists make a meaningful impact in areas like mental health, education and forensic science.	Health and Behavioural Sciences
<b>Languages: your employability superpower</b>	Multilingual graduates have a distinct edge in the career market and access to global opportunities. Discover the superpowers you can gain through learning a language in this fun, creative and crafty session.	Humanities, Arts and Social Sciences
<b>Meet a museum curator</b>	Discover the exciting tasks Tess Shingles carries out every day as an Assistant Curator at Queensland Museum. Find out what it's like to work with historical objects, delve into stories from the past and share cultural history to strengthen community.	World Science Festival

SUSTAINABILITY		
SESSION	DESCRIPTION	STUDY AREA
<b>Designing holiday experiences - let's get sustainable!</b>	Join us as we travel the world through chocolate tasting. What flavour is it? Where is it from? Is it sustainably produced? But food is only one part of designing memorable holiday experiences. The destinations we visit are important too. Help us save a tropical island from overtourism.	Business and economics
<b>Native plant microscopy</b>	Put native plants under the microscope and learn where iconic smells originate. Discuss Indigenous plants and food, and maybe even take home some samples!	Science

TECHNOLOGY		
SESSION	DESCRIPTION	STUDY AREA
<b>The 'brains' of smart devices: unlocking Arduino automation</b>	Discover how smart devices in your homework with Arduino! Explore the tech behind devices like motion-activated lights and cameras, washing machines, and TVs. Learn to program microcontrollers, connect sensors, and understand the basics of coding and electronics through hands-on projects.	Engineering, Architecture and Information Technology
<b>Social media and vaccination: does technology help or hinder?</b>	Delve into the fascinating field of health promotion via social media. Find out how it can impact people's perception of vaccination or spread misinformation. Take part in a TikTok challenge and create a short video to promote vaccination uptake.	Medicine
<b>The thousand and one ways to create an embryo</b>	Explore the fascinating worlds of reproductive biotechnology, animal production and biodiversity conservation. Select "fake" biological structures and learn how these can be used to create embryos through cutting-edge methods like cloning, in vitro fertilization, and stem cell technologies.	Science

# Block 2

11:15am - 12:15pm

INNOVATION		
SESSION	DESCRIPTION	STUDY AREA
<b>Building for the future: earthquakes in Civil Engineering</b>	Discover how engineers design and construct buildings to withstand the various types of seismic waves generated by earthquakes. Design, build and test model buildings by putting them through a simulated earthquake challenge.	Engineering, Architecture and Information Technology

HUMAN CONNECTION		
SESSION	DESCRIPTION	STUDY AREA
<b>A day in the life of a health and rehabilitation professional</b>	Explore the worlds of Physiotherapy, Speech Pathology and Occupational Therapy. Experience realistic scenarios and activities that demonstrate how patients regain their strength and voice, and reclaim their independence. You'll get a close look at how these vital careers transform lives.	Health and Behavioural Sciences
<b>Not all superheroes wear capes</b>	Find out what it's like to be a doctor in this introduction to the basics of medicine. Nourish your curiosity for how the human body works and discover how problem-solving skills can be used to help others.	Medicine
<b>Fossil Cluedo: Discovering Queensland Ancient Past</b>	Combining research and technology from a range of disciplines, bringing fossils to life can be a rewarding experience. But what does it really take to be a palaeontologist? Join Christina to hear her journey and get hands on with some of Queensland's extinct fossil animals.	World Science Festival

LEADERSHIP		
SESSION	DESCRIPTION	STUDY AREA
<b>Game of trade: decisions and consequences</b>	Dive into decision-making with an engaging game that simulates real-world challenges. Understand how choices shape personal and global outcomes, exploring themes like trade, climate, and sustainability. Learn how economic principles prepare you for life and empower you to affect change in the world.	Business, Economics and Law
<b>Understanding my professional self</b>	Finding it challenging to narrow down your career options? Explore your interests and unpack your professional strengths so you can identify opportunities and create the best career path for you.	Student Enrichment and Employability Development

SUSTAINABILITY		
SESSION	DESCRIPTION	STUDY AREA
<b>Neighbourhood challenge</b>	Suburbs face unique challenges, including ageing houses and water infrastructure, changing demographics, and planning codes that prevent growth without addressing sustainability. Test your planning skills and design a neighbourhood or a place that meets the needs of the 21st Century.  Please note, a minimum of 20 registrations is required for this session to run.	Engineering, Architecture and Information Technology

TECHNOLOGY		
SESSION	DESCRIPTION	STUDY AREA
<b>Keeping up with the cybercriminals: the changing face of crime</b>	Cybercrime threatens individuals, businesses, governments, and national security. This crime isn't restricted by country borders and criminals can hide behind lines of code. With everyone scrambling to keep up with cybercrime in the ever-changing digital world, the question is: can you?	Humanities, Arts and Social Sciences

# Block 3

1:15–2:15pm

## INNOVATION

SESSION	DESCRIPTION	STUDY AREA
<b>What does it mean to be a biomedical scientist?</b>	Discover how biomedical scientists are helping develop treatments for diseases through clinical tests, research and collaboration with doctors, nurses and other healthcare professionals. Find out what this career path entails by exploring hands-on activities in a lab environment.	Medicine

## HUMAN CONNECTION

SESSION	DESCRIPTION	STUDY AREA
<b>Sketching masterclass</b>	Learn to sketch like an architect. Become an expert in using the sketching technique and get acquainted with the thinking behind the process. Learn how to integrate people and landscape in design, create a sense of depth in an image, and much more.	Engineering, Architecture and Information Technology
<b>Nursing, Midwifery, and Social Work: where could they take you?</b>	If you're passionate about helping others, offering care in tough times or supporting mothers during childbirth, a career in Nursing, Social Work, or Midwifery might be for you. In this workshop you'll get a hands-on insight into to what a career in these fields might look like.	Health and Behavioural Sciences
<b>Combating misinformation in journalism</b>	In an era of increased misinformation, distinguishing fact from fiction is critical for journalists. Learn investigative skills from our journalism staff as they guide you through practical steps to identify and counter misinformation in a world of AI-generated content.	Humanities, Arts and Social Sciences
<b>Uncover the secrets of past civilizations</b>	Delve into the past with our interactive archaeology workshop. Analyse real artefacts and gain hands-on experience with cutting-edge technology and traditional techniques used by archaeologists to uncover the secrets of the past.	Humanities, Arts and Social Sciences

## LEADERSHIP

SESSION	DESCRIPTION	STUDY AREA
<b>Grotesque quest: a business learning adventure</b>	Team up to track UQ's Great Court grotesques, solve challenges, and earn points! This fast-paced activity teaches key business principles like leadership, planning, ethical decisions and control while racing against the clock to unlock the wisdom of these quirky stone carvings.	Business, Economics and Law

## SUSTAINABILITY

SESSION	DESCRIPTION	STUDY AREA
<b>Powering tomorrow</b>	Dive into interactive challenges on batteries and hydrogen. Discuss which technologies can help transition from traditional to renewable energy sources. Explore decarbonisation and enhance and envision a greener future with fun, hands-on experiments involving hydrogen-fuelled cars!	Engineering, Architecture and Information Technology

## TECHNOLOGY

SESSION	DESCRIPTION	STUDY AREA
<b>The right medicines for the right patient</b>	Discover what it means to be a pharmacist and the many ways in which pharmacists ensure medicines are safe and effective for patients. Find out why you might see 3D printers in pharmacies in the future.	Health and Behavioural Sciences
<b>Food Science futures: your path to a tasty career</b>	Dive into the science of flavour and fermentation in this interactive workshop and discover how food scientists craft unique tastes. Smell and identify flavours, uncover surprising aroma origins and explore exciting career pathways in food science, from flavour design to sustainability.	Science