Kick-start your university degree this summer!

QUT is offering a unique opportunity for girls entering Year 12 in 2021 to experience University technology studies by participating in a two-week intensive delivery of a first-year unit “Design of Computer System”.

This Unit focusses on the design of computer systems, how modern computer systems work, how they are structured, and how they operate. Using Raspberry Pi computers, you will build your own small computer system. Your learning will be guided through exercises involving research and practical problem solving using different computer technologies.

In the two-week block of learning you will work as a small group and cover the whole Unit assessment, receiving progressive feedback on your practical exercises, further investigation research and mini-projects.

The Intensive will be led by IT Academics and assisted by current IT undergraduate students. Successful completion of this Unit will count as credit towards an undergraduate degree in IT or related field without charge.

This program is an affirmative action to address the current gender imbalance in information technology professions nationally and is in response to Industry demand for women in this field.

START QUT “intensive mode” block features

- Approximately 80 hours over two weeks which includes, lectures, discussion, exercises and assessment
- Opportunity for you to gain insight into whether IT is the right fit for you, in a safe and supportive environment
- Small cohort

Important dates

- Orientation: Friday 4 Dec 2020  I  9.30am – 3.30pm
- Intensive mode block: Monday 11 – Friday 22 Jan 2021 9am – 5pm

Orientation details

- Meet teaching staff and fellow students
- Receive your Raspberry Pi Computer Kit
- Familiarise yourself with the Campus and online learning site
- Get your student card
**What’s involved?**

**Learning objectives**
- Understand different aspects of computer technology fundamentals
- Design, build and configure basic computer systems
- Develop confidence in asking your tutor questions and presenting your ideas in front of a class
- Develop critical thinking skills which are important for all university degrees.

**Entry requirements**
To be eligible, you must be:
- You must be enrolled as a Year 11 (2020) student when you participate in this unit.
- A Queensland-based student on an ATAR or International Baccalaureate Diploma (IBD) pathway.

In the semester before you apply, you must have maintained:
- A minimum of a B in English, Literature, English and Literature, or English as an additional language (or equivalent IBD subjects)

You must also:
- Be capable of undertaking university level study
- Have the support of your parents or guardians
- Have permission from your school to participate. A staff member must approve your participation
- Be available to attend the duration of the intensive block mode at Gardens Point campus

**Other benefits?**
If you successfully complete your unit and obtain an ATAR or an IB Diploma, you’ll receive:
- Advanced standing (credit) for this unit towards a related bachelor degree at QUT
- An adjustment of up to two selection ranks for most QUT courses, one for each START QUT unit successfully completed, added to your selection rank through our Year 12 subject scheme

**How to apply**
Please register your interest, and we will send you the application details:

**Program cost**
No tuition fees. What’s included:
- Own Raspberry PI Kit (provided at Orientation)
- Morning tea, afternoon tea and lunch every day
- Taught by leading Academics in the field
- Access to Industry Mentors
- Access to current IT Student Ambassadors

**Course Contact**
Telephone: 3138 4488
Email: sef.engagement@qut.edu.au