



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

CREATE CHANGE

WE are bringing our annual Explore Day to you.

While 2020 looks a little different right now, our purpose remains the same.

Our biggest event of the year, WE Explore Day has been adapted to a new format where we come to you, and WE are really excited about it!

This two hour show will be individually tailored specifically for your high school as we show you what studying engineering at UQ looks like and explore the new changes to our Engineering program.

The day is designed for Year 10-11 students and will include hands-on activities, live sessions and a chance to win lots of cool prizes!

Run by our WE Leaders, who are current students studying a range of different engineering specialisations, you'll learn first hand what it's really like to study engineering and discover the diverse range of exciting careers available.



What does the day involve?

Workshop/Activity	What is involved?
Sun Smart Code	You will get to be a Health Engineer by developing a UV detection device to alert the user of high exposure to UV by learning basic coding to program an Arduino, and learn about the electrical components behind the scenes to trigger LED sensors based on UV exposure.
Food Engineering Keeping the crunch in low- fat potato chips.	We talk about the research conducted at UQ, by two Chemical Engineers - Dr Heather Smyth and Professor Jason Stokes on what keeps the crunch in low fat potato chip
Floating House	Unpack a variety of issues related to construction and civil engineering with consideration to humanitarian design for communities in need.
Design Thinking	Learn about design thinking principles and why communicating your thinking through design and prototyping is essential in engineering team work and problem solving.
Giving Movement Back	Test a 3D printed prosthetic hand that was made at UQ Innovate.
Meet an Engineer on-site	We're going to connect LIVE with a recent graduate from their workplace so you can see first hand what life is like as an engineer!
Panel Event	Meet our wonderful WE Leaders and Engineers from industry - our Program Partners Energy QLD.

While you wait, why not like and follow us on social media - [UQ Women in Engineering](#), watch our [video on youtube](#), or listen to our new podcast - [But Seriously, What is Engineering?](#)

UQ Women in Engineering

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