Women in Engineering Program

Creating positive change for the world around us
UQ Women in Engineering

University-led and industry supported, UQ’s Women in Engineering Program (WE) inspires young women to consider a career in engineering by thinking differently. Through various activities and fun events, WE educates female high school students and teachers about engineering, and also provides support and industry connections for UQ university students.

AN ENGINEERING DEGREE CAN LEAD TO:

- **Improved Healthcare**
  Deal with computer models of the human body (such as the Virtual Heart Project) with prosthetics and implants and bridge the gap between technology, medicine and science. Many Biomedical engineers pursue something very close to their heart – because their work is going to help or remember someone they were close to.

- **Creating Advanced Technology**
  Right now, there are engineers who are working to develop robots that can assist in search and rescue missions and drones that can carry life saving supplies to people in need. Engineers are behind the world’s biggest technological advancements, from how we travel on the road, to how we travel in outer space and everything in between.

- **Helping the Environment**
  As the population and demand for food, housing and water continues to grow, so does the need for innovative solutions to manage our environment and avoid further damage to our climate. Environmental engineers are paving the path for a more sustainable future, through renewable resources.

- **Improving the Built Environment**
  Structural Engineers solve technical problems within the built environment industry and work on everything from buildings, bridges, roads and harbours to dams, airports, utility supply and public health to create sustainable facilities that are designed to meet the needs and wants of society.

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"I have wanted to be an engineer since I was about 8 years old. I don’t remember exactly what made me realise the potential of technology. I just have always wanted to create things that would improve quality of life.

I wasn’t 100 per cent sure what type of engineering I wanted to do when I started. I did know that I wanted to be able to work in developing innovations for the health sector, but there are so many different pathways and opportunities to do this. I decided to go with Electrical and Computer because I enjoy programming and robotics design."

GEORGINA SIGGINS
Bachelor of Engineering (Honours) / Bachelor of Biomedical Science.
2018 UQ Women in Engineering Leader.

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The University of Queensland is the university of choice for women studying engineering in Queensland.

As every problem solver knows, the more inputs that are known, the easier the problem is to solve. The best engineering team, therefore, must be as diverse as the society they work in. Diversity eliminates silo thinking, fosters innovation and generates better performing teams.

For further details, please contact:

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