UQ Women in Engineering Program

Creating positive change for the world around us

There are many diverse opportunities that a career in Engineering can lead you. You can shape the digital future with Software engineering, solve big data challenges with Computing and Data Science, or apply your skills in developing affordable and sustainable solutions through Humanitarian engineering. No matter what engineering path you’re set on, we’ll show you how to embrace the challenges of a changing world - in a way that benefits your career, the industry and communities all over the world.

University-led and industry supported, The University of Queensland (UQ) Women in Engineering Program (WE) inspires young women to consider a rewarding career in engineering. Through hands on activities and workshops, interactive presentations, digital resources and fun events, WE educate female high school students, teachers and parents about engineering, and also provide support and industry connections for current students at UQ.
Revolutionised Healthcare

Engineers are essential to our health.

Biomedical engineers bridge the gap between technology, medicine and science. They use electrical engineering to create devices and machines such as MRI’s and pacemakers. Or use chemical engineering to develop implantable devices, diagnostic systems and therapeutic systems, cell and tissue engineering, and pharmaceuticals.

Chemical and bioprocess engineers combine the core principles of chemical engineering and biology for scalable production of medicines, such as vaccines during pandemics, foods, and beverages.

Mechanical engineers focussed biomedical engineering are enhancing prosthetic limbs to improve quality of life for people with an injury or disability, developing pace makers, artificial valves and surgical equipment.

A Sustainable Future

Engineers are driving innovation.

Civil engineers preserve our built and natural environment in the face of economic crisis, creating sustainable infrastructure that can support our growing populations, or harness the potential of digital technologies to improve the cities of tomorrow.

Environmental engineers are responsible for ensuring the resilience of our natural ecosystems and urban environments.

Chemical engineers apply new approaches and big-picture thinking to reduce waste and energy consumption, develop sustainable processes for water sanitation and wastewater removal, and transform raw and recycled materials into useful products.

Electrical and mechanical engineers are integral to the development of power and renewable energy sources that will help reduce our impact on climate change.

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

Proudly supported by our program partners:

For further details and information:
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