



ENGINEERING SCIENCE

Becoming an Engineer

What is an Engineer?

An engineer is a practitioner of engineering, concerned with applying scientific knowledge, mathematics, and ingenuity to develop solutions for technical, societal and commercial problems. Engineers design materials, structures, and systems while considering the limitations imposed by practicality, regulation, safety, and cost.

Introduction

Build the next step to your future with USQ's Bachelor of Engineering Science (Civil). With the opportunity to study externally or on campus, the Bachelor of Engineering Science gives you the flexibility to adapt your study to your life. Get hands on with the practical courses, work with professional equipment and learn the highly sought after skills you'll need for the workforce.

Pathways

University of Southern Queensland – Bachelor of Engineering Science

→ **ENROL NOW**

Education & Requirements

- A Bachelor Degree or higher is usually required.
- Sometimes relevant experience or on-the-job training is also needed.
- Registration or licensing may also be required.



ENGINEERING SCIENCE

FACT SHEET

WEEKLY PAY

\$1,916



EMPLOYMENT

53,300 Workers



INDUSTRY GROWTH

Strong



FULL TIME HOURS

43 Hours



AVERAGE AGE

37 Years



GENDER SHARE

13.1% Female



Job Titles

- Civil Engineer
- Geotechnical Engineer
- Quantity Surveyor, or Building Economist
- Structural Engineer
- Transport Engineer

Employment Outlook

The number of Civil Engineering Professionals grew very strongly over the past 5 years and is expected to grow strongly over the next 5 years from 53,300 in 2018 to 60,500 by 2023.

Job openings can come from new jobs being created, but most come from turnover (workers leaving).

There are likely to be around 28,000 job openings over 5 years (that's about 5,600 a year).