



## What skills can graduates gain?

Through studying a degree in Forest Engineering, graduates develop a valuable set of skills that can include:

- Constructing and evaluating operational systems relating to roads, transport logistics, forestry equipment and technology, harvest operations, supervising and safety standards
- Practical application of engineering technology and science
- Knowledge of forest environment and forest products and processes
- Balancing ecological and environmental needs with economic and societal requirements
- Logical and quantitative thinking
- Analytical and critical thinking
- Problem-solving, planning and organisation
- Management of people and business
- Bicultural competence.

### Applied learning

Students undertake 800 hours of work experience as part of this engineering degree, providing them with a good understanding of the industry and the confidence to apply their skills in a workplace setting. This experience can deepen students' skillset, awareness of others, working knowledge and employability.

### What do employers look for?

Many employers look for generic skills such as communication, client/customer-focus, bicultural competence, cultural awareness, teamwork and initiative.

With technology, globalisation, and other drivers changing society, skills such as resilience, problem solving, and adaptability are important.

Skills that are likely to grow in importance include analytical and creative thinking, systems thinking and technological literacy.\*

\*World Economic Forum: [www.weforum.org/agenda/2023/01/2023-skill-requirements](http://www.weforum.org/agenda/2023/01/2023-skill-requirements)

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## **What jobs and activities might graduates do?**

UC graduates have been employed as forest engineers, forest consultants, project engineers, civil engineers, infrastructure engineers, site managers and more.

