Your career
ANU provides a world-class education in software engineering and our graduates are highly sought after. The focus on practical experience and exposure to the industry through student projects means that you will start meeting prospective employers while you are still studying and many students have already formed strong contacts in the industry before graduating.

ANU software engineering graduates have gone on to work in organisations including:
- Google
- Yahoo
- Microsoft
- IBM
- Intel
- Accenture
- Bloomberg
- Deloitte
- PWC
- Accenture
- Bloomberg
- Deloitte
- PWC

"Part of what I liked at ANU was the ability to combine other courses to Software Engineering. I did a lot of Engineering as well which was quite helpful in terms of project management.”

Tristan Kearns
Head of Digital, Imagine Team
Graduate, Bachelor of Software Engineering
Bachelor of Software Engineering (Honours)

Prerequisites
Mathematical Methods (Major) ACT/Mathematics NSW
Specialist Mathematics or higher is preferred

Would you like to design innovative software solutions to solve complex, real-world problems?
Are you looking for a degree that gives you computing knowledge but also business management and leadership skills?
Do you enjoy communicating with people and working in teams?
If you said yes then this is the degree for you!

Software engineering is not just about developing programs and software. You will also learn how to work with clients and manage teams.
You will develop the professional and communication skills required of an Accredited Engineer, and you will receive industry based experience.
The balance of theory, practical and industry experience, combined with the development of life long skills, ensures our software engineering graduates are highly sought after.

Your experience
This degree will give you the skills required of a professional software engineer. You will learn all aspects of the software engineering process including:
> assessing client’s needs
> converting client’s needs
> developing the software
> testing and documentation
> training users and enhancing software.

You will also learn about quality control and the improvement processes used in the industry. This is what can often differentiate the ordinary from the best in the software industry.
Our degree ensures you are capable of working within multi-disciplinary engineering teams involved in the development of large complex software-based systems.

Industry Projects
Our Bachelor of Software Engineering (Honours) has a strong emphasis on practical experience. All students complete 60 days of work experience as well as industry projects in your third and fourth year.
In your third year you will be a member of a software team working on an industry project with a real client.
In your fourth year you will lead a software team and manage one of the industry projects, working closely with the client to develop and deploy a significant software system.
Each student group is allocated an industry-based mentor and you will have the opportunity to present your project at a networking event each year.
Previous industry clients include local government, schools, health sector and private organisations.

Majors
Along with studying the core courses of this degree, you can also take a major in an area of interest.
What is a major?
A major consists of eight courses and a minor consists of four courses.
You may complete a major from another discipline outside the computer science, or you may undertake one of the majors available to students in the Advanced Computing degree including: Computational Foundations; Computer Engineering; Human-Centric Computing; Information Intensive Computing or Intelligent Systems.
A number of computing minors and specialisations are also available.

“Computing is more than just typing up code. It involves a range of skills such as teamwork and leadership. ANU is providing me with a growing skill set that will prepare me for my future career.”

Daniel Pekevski
Bachelor of Software Engineering (Hons)