

BSc (Hons) Software Engineering

Year 01 : Diploma in Software Engineering

- Introduction to Computer Science
- Mathematics for Computing
- Programming Fundamentals
- Computer Technology
- Object-Oriented Programming
- Database Management Systems
- Computer Architecture and Networks
- GUI Application Development
- Operating Systems
- Enterprise Application Development-1
- Web Application Development
- Software Engineering
- Final Project

Eight Credits (8 credits) from the thirty-two (32) credits required to complete the Bachelor of Software Engineering (Honours) degree will be awarded to students who successfully complete the Diploma in Software Engineering.

After successful completion of Diploma in Software Engineering Students have the option of proceeding to Deakin University, Australia to complete the remaining 24 credits to complete the Bachelor of Software Engineering (Honours) degree

Year 02 : Higher National Diploma in Software Engineering

- Embedded Application Development
- Programming Data structures and Algorithms
- Data Analytics
- Robotics Application Development
- Advanced Database Management Systems
- Enterprise Application Development
- Mobile Application Development
- Digital Image Processing
- Data Warehousing
- IoT
- IT Management Practices

- Software Security
- Final Project
- Industrial Training

Twelve (12) Credits from the thirty-two (32) credits required to complete the Bachelor of Software Engineering (Honours) degree will be awarded to students who successfully complete the Higher National Diploma in Software Engineering.

Students are required to complete the remaining twenty (20) credits at Deakin University, Australia to be awarded the Bachelor of Software Engineering (Honours) degree.

Completion of Bachelor of Software Engineering (Honours) Degree at Deakin University

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