Bachelor of
Computer Science

UniSC

LOCATION	ENTRY THRESHOLD	QTAC CODE	START
Moreton Bay	60.00	014291	Semester 1

Design the technologies of the future. Every day, technology becomes more essential to the way we live, work and play. This creates huge demand for people who understand the 'how and why' of computing, and have the skills to design, build and manage the technologies of the future.

In this program you will:

- Future-proof your career with strong core skills in programming, software development, artificial intelligence, big data, and data science/analysis
- Work with Android, Cloud, JavaScript, Java, Python and C/C++ technologies
- Start building a portfolio of software and design projects from your first year of study
- Complete industry certifications and placements designed to get you job-ready

Career opportunities

- Cyber security
- Cloud and mobile technologies
- Project Management
- Workplace Learning
- Engineering

Accreditation

This program has Professional Accreditation with the Australian Computer Society.

Duration
3 years
Full-time or equivalent part-time

Indicative 2024 fees
A$8,140 - 2025 Fees (CSP)
Fees are indicative only and will change based on courses selected and are subject to yearly increases

Prerequisites
English (Units 3 and 4, C)

Recommended prior study
Maths Methods and/or Specialist Maths

Delivery mode
Blended Learning

Total courses
24

Total units
288

UniSC program code
SC305

Program structure

Introductory courses (7) 84 units

CSC100 Computer Science Project and Ethics
ENG103 Introduction to the Internet of Things
ICT110 Introduction to Data Science
ICT112 Programming Fundamentals
ICT120 Computer Networks
MTH103 Introduction to Applied Mathematics
SEC100 Foundations of Computer Security

Developing courses (8) 96 units

CSC200 Computer Organisation and Operating Systems
CSC201 Data Structures and Algorithms
CSC202 Mobile App Project
ICT211 Database Design
ICT220 Wireless Communications
ICT221 Object-Oriented Programming
MTH212 Discrete Mathematics
SEC200 Cyber Security

Graduate courses (5) 60 units

CSC300 Practical Machine Learning
CSC303 Cloud and DevOps
ENG302 Engineering Project Management
ICT342 ICT Industry Project
SEC300 Cyber Security and Threat Intelligence

Electives (4) 48 units

Select a total of 48 units from the undergraduate elective course options.

Note: Program structures are subject to change. Not all UniSC courses are available on every UniSC campus.