

# Bachelor of Computer Science



LOCATION	ENTRY THRESHOLD	QTAC CODE	START
Moreton Bay	60.00	014291	Semester 1
<p>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.</p> <p>In this program you will:</p> <ul style="list-style-type: none"><li>• Future-proof your career with strong core skills in programming, software development, artificial intelligence, big data, and data science/analysis</li><li>• Work with Android, Cloud, JavaScript, Java, Python and C/C++ technologies</li><li>• Choose to specialise in mobile computing or cyber security</li><li>• Start building a portfolio of software and design projects from your first year of study</li><li>• Complete industry certifications and placements designed to get you job-ready</li></ul> <p>Career opportunities</p> <ul style="list-style-type: none"><li>• Cyber security</li><li>• Cloud and mobile technologies</li><li>• Project Management</li><li>• Workplace Learning</li><li>• Engineering</li></ul> <p>Accreditation</p> <p>This program has Professional Accreditation with the Australian Computer Society.</p>			<p>Duration</p> <p>3 years</p> <p>Full-time or equivalent part-time</p> <p>Indicative 2024 fees</p> <p>A\$7,818 - 2024 Fees (CSP)</p> <p>Fees are indicative only and will change based on courses selected and are subject to yearly increases</p> <p>Prerequisites</p> <p>English (Units 3 and 4, C)</p> <p>Recommended prior study</p> <p>Maths Methods and/or Specialist Maths</p> <p>Delivery mode</p> <p>Blended Learning</p> <p>Total courses</p> <p>24</p> <p>Total units</p> <p>288</p> <p>UniSC program code</p> <p>SC305</p>

## 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 (7) 84 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

[usc.edu.au/sc305](https://usc.edu.au/sc305)

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Study options and teaching period of offer can vary depending on the study location. For full details, visit [usc.edu.au](https://usc.edu.au).

Graduate courses (3) 36 units

CSC300 Practical Machine Learning

ENG302 Engineering Project Management

ICT342 ICT Industry Project

Minor (4) 48 units

Cloud and Mobile

Cyber Security

Electives (3) 36 units

Select a total of 36 units from the undergraduate elective course options.

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

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