Bachelor of

Computer Science

Moreton Bay, Semester 1 2022

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

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.

Total units: 288

Study sequence

Semester 1

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
ICT110 Introduction to Data Science	• Semester 1	12	
ICT112 Programming Fundamentals	• Semester 1	12	Anti: SGD203

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 29 March 2024
Study options and teaching period of offer can vary depending on the study location. For full details, visit usc.edu.au.

MTH103 Introduction to Applied Mathematics	• Semester 1	12	Anti: MTH102
SEC100 Foundations of Computer Security	• Semester 1	12	

Semester 2

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
CSC100 Computer Science Project and Ethics	• Semester 2	12	Pre: ICT112
ENG103 Introduction to the Internet of Things	• Semester 2	12	
ICT120 Computer Networks	• Semester 2	12	
MTH212 Discrete Mathematics	• Semester 2	12	Pre: MTH101 or MTH102 or MTH103 Anti: MTH512

Semester 1

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
CSC200 Computer Organisation and Operating Systems	• Semester 1	12	Pre: ENG103 and ICT120
ICT211 Database Design	• Semester 1	12	
ICT220 Wireless Communications	• Semester 1	12	Pre: ICT120
ICT221 Object-Oriented Programming	• Semester 1	12	Pre: ICT112

Semester 2

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
CSC201 Data Structures and Algorithms	• Semester 2	12	Pre: ICT221
CSC202 Mobile App Project	• Semester 2	12	Pre: ICT221 Anti: ICT311

PLUS select 2 elective courses from the undergraduate elective course options or a course from your selected minor.

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 29 March 2024
Study options and teaching period of offer can vary depending on the study location. For full details, visit usc.edu.au.

Semester 1

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
CSC300 Practical Machine Learning	• Semester 1	12	Pre: CSC201 and MTH212
ENG302 Engineering Project Management	• Semester 1	12	

PLUS select 2 elective courses from the undergraduate elective course options or courses from your selected minor.

Semester 2

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
ICT342 ICT Industry Project	• Semester 1, Semester 2	12	Pre: 192 units completed

PLUS select 3 elective courses from the undergraduate elective course options or courses from your selected minor.

Program requirements and notes

In order to graduate you must:

- Successfully complete 288 units as outlined in the Program Structure

Program notes

- Completing this program within the specified (full-time) duration is based on studying 48 unit points per semester (normally 4 courses) and following the recommended study sequence
- The unit value of all courses is 12 units unless otherwise specified
- It is each students responsibility to enrol correctly according to your course requisites, program rules and requirements and be aware of the academic calendar dates
- Courses within this program are assessed using a variety of assessment methods which may include essays, seminar presentations, reports, in-class tests and examinations
- As part of your UniSC program, you may apply to Study Overseas to undertake courses with an overseas higher education provider
- Only a full-time study option is available to international students on a Student Visa
- Refer to the Managing your progression page for help in understanding your program structure, reviewing your progress and planning remaining courses.

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 29 March 2024
Study options and teaching period of offer can vary depending on the study location. For full details, visit usc.edu.au.