Bachelor of

Information and Communications Technology

Moreton Bay, Semester 2 2022

Program structure

Introductory courses (8) 96 units

BUS104 Discovering Management
DES105 Design Methods
ICT110 Introduction to Data Science
ICT112 Programming Fundamentals
ICT115 Introduction to Systems Design
ICT120 Computer Networks
SEC100 Foundations of Computer Security
SCI110 Science Research Methods

Developing courses (6) 72 units

DES221 Introduction to Interactive Media
DES222 Responsive Design and Technology
DIG202 Bringing Data to Life
ENS253 Geographic Information Science and Technology
ICT200 Systems Analysis and Design
ICT211 Database Design

Graduate courses (5) 60 units

ENG302 Engineering Project Management
ICT320 Database Programming
ICT342 ICT Industry Project
ICT351 ICT Professional Practice
SEC303 Device & Network Security

Elective courses (5) 60 units

Select 5 elective courses (60 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 2

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
DES105 Design Methods	• Semester 2	12	

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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.

ICT115 Introduction to Systems Design	• Semester 2	12	
ICT120 Computer Networks	• Semester 2	12	
SCI110 Science Research Methods	• Semester 1, Semester 2	12	Anti: SCI201 or CPH261

Semester 1

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
BUS104 Discovering Management	• Semester 1, Semester 2	12	
ICT110 Introduction to Data Science	• Semester 1	12	
ICT112 Programming Fundamentals	• Semester 1	12	Anti: SGD203
SEC100 Foundations of Computer Security	• Semester 1	12	

Semester 2

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
DIG202 Bringing Data to Life	• Semester 2	12	

PLUS select 3 elective courses from the undergraduate elective course options.

Semester 1

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
DES221 Introduction to Interactive Media	• Semester 1	12	
ICT200 Systems Analysis and Design	• Semester 1	12	
ICT211 Database Design	• Semester 1	12	
ENG302 Engineering Project Management	• Semester 1	12	

Semester 2

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
DES222 Responsive Design and Technology	• Semester 2	12	Pre: DES221 or (CSC100 and ENG103)
ICT320 Database Programming	• Semester 2	12	Pre: ICT211 and ICT112
SEC303 Device & Network Security	• Semester 2	12	Pre: ICT211 or SEC301 or (SEC100 and ICT120)

PLUS select 1 elective course from the undergraduate elective course options.

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Semester 1

COURSE	SEMESTER OF OFFER (MORETON BAY)	UNITS	REQUISITES
ENS253 Geographic Information Science and Technology	• Semester 1	12	
ICT342 ICT Industry Project	• Semester 1, Semester 2	12	Pre: 192 units completed
ICT351 ICT Professional Practice	• Semester 1	12	Pre: ICT221 or ICT220 or ICT211

PLUS select 1 elective course from the undergraduate elective course options.

Program requirements and notes

In order to graduate you must:

- Successfully complete 288 units as outlined in the Program Structure
- Complete no more than 10 introductory level (100 coded) courses

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 including essays, seminar presentations, reports, in-class tests and examinations. Not all courses will necessarily include all methods
- 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

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