Bachelor of
Information and Communications Technology

UniSC

Online, Semester 2 2024

Program structure

Introductory courses (8) 96 units

BUS104 Discovering Management
ENG103 Introduction to the Internet of Things
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

DIG202 Bringing Data to Life
ICT200 Systems Analysis and Design
ICT211 Database Design
ICT220 Wireless Communications
ICT221 Object-Oriented Programming
SEC200 Cyber Security

Graduate courses (6) 72 units

ENG302 Engineering Project Management
ICT320 Database Programming
ICT342 ICT Industry Project
ICT351 ICT Professional Practice
SEC300 Cyber Security and Threat Intelligence
SEC303 Device & Network Security

Elective courses (4) 48 units

Select 4 elective courses (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.

Total units: 288

Study sequence

Semester 2

COURSE	SEMESTER OF OFFER (ONLINE)	UNITS	REQUISITES
ENG103 Introduction to the Internet of Things	• Sunshine Coast: Semester 2 • Moreton Bay: Semester 2	12	
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 (ONLINE)	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 (ONLINE)	UNITS	REQUISITES
DIG202 Bringing Data to Life	• Semester 2	12	
SEC200 Cyber Security	• Not Currently Offered	12	

PLUS select 2 elective courses from the undergraduate elective course options.

Semester 1

COURSE	SEMESTER OF OFFER (ONLINE)	UNITS	REQUISITES
ICT200 Systems Analysis and Design	• Semester 1	12	
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 (ONLINE)	UNITS	REQUISITES
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 2 elective courses from the undergraduate elective course options.

Semester 1

COURSE	SEMESTER OF OFFER (ONLINE)	UNITS	REQUISITES
ENG302 Engineering Project Management	• Semester 1	12	
ICT351 ICT Professional Practice	• Semester 1	12	Pre: ICT221 or ICT220 or ICT211
SEC300 Cyber Security and Threat Intelligence	• Not Currently Offered	12	
ICT342 ICT Industry Project	• Semester 1, Semester 2	12	Pre: 192 units completed

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 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

usc.edu.au/bu381

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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.