

Master of Information and Communications Technology



Online, Trimester 1 2025

Program structure

Required courses (14) 192 units

SEC601 Introduction to Cybersecurity
SEC602 Ethics in Digital Investigation and Cyber Security
SEC603 Introduction to Device & Network Security
SEC604 Cryptography, Blockchain and Security
BUS703 Evidenced Based Decision Making
ICT701 Managing Data
ICT702 Data Visualisation
ICT703 Programming
ICT704 Databases
ICT706 Machine Learning
INF701 Business Transformation through Technology and Artificial Intelligence
PRM701 Project Management Principles
SCI700 Research/Industry Dissertation 1
SCI701 Research/Industry Dissertation 2

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

Total units: 192

Study sequence

Trimester 1

| COURSE | SEMESTER OF OFFER (ONLINE) | UNITS | REQUISITES |
|-------------------------------------------------------------------------------|-----------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------|
| SEC601 Introduction to Cybersecurity | • Trimester 1, Trimester 2, Trimester 3 | 12 | Pre: Enrolled in Program SC509, SC517, BU708 or SC705 |
| ICT701 Managing Data | • Trimester 1, Trimester 3 | 12 | Pre: Enrolled in a Postgraduate Program |
| INF701 Business Transformation through Technology and Artificial Intelligence | • Session 2 | 12 | Pre: Enrolled in any PGRD Program or (enrolled in Program SC410 or SC411 and 280 units completed towards either of these programs) |

usc.edu.au/bu708

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 8 February 2025
Study options and teaching period of offer can vary depending on the study location. For full details, visit usc.edu.au.

| | | | |
|--------------------------------------|-------------|----|---------------------------------------------------------------------------------------------------------------------------------------|
| PRM701 Project Management Principles | • Session 3 | 12 | Pre: Enrolled in any PGRD Program or (enrolled in Program SC410 or SC411 and 280 units completed towards this Program) |
|--------------------------------------|-------------|----|---------------------------------------------------------------------------------------------------------------------------------------|

Trimester 2

| COURSE | SEMESTER OF OFFER (ONLINE) | UNITS | REQUISITES |
|-----------------------------------------------------------|-----------------------------------------|-------|------------------------------------------------------------------------------|
| SEC602 Ethics in Digital Investigation and Cyber Security | • Trimester 1, Trimester 2, Trimester 3 | 12 | Pre: Enrolled in Program SC509, SC517, SC705, BU708, ED508 or ED705 |
| BUS703 Evidenced Based Decision Making | • Session 2, Session 6 | 12 | Pre: Enrolled in any PGRD Program Anti: MBA703 or EMB753 |
| ICT702 Data Visualisation | • Trimester 2 | 12 | Pre: Enrolled in a Postgraduate Program |
| ICT703 Programming | • Trimester 2, Trimester 3 | 12 | Pre: Enrolled in a Postgraduate Program |

Trimester 1

| COURSE | SEMESTER OF OFFER (ONLINE) | UNITS | REQUISITES |
|-----------------------------------------|-------------------------------|-------|-------------------------------------------------------------------------------------------------------------------|
| ICT704 Databases | • Trimester 1 | 12 | Pre: ICT701 and enrolled in a Postgraduate Program. |
| ICT706 Machine Learning | • Trimester 1 | 12 | Pre: ICT703 |
| SCI700 Research/Industry Dissertation 1 | • Trimester 1, Trimester 2 | 24 | Pre: PRM701 and (BUS703 or BUS512 or BUS514 or BUS515 or HLT701 or PUB708) and completion of 84 units |

Trimester 2

| COURSE | SEMESTER OF OFFER (ONLINE) | UNITS | REQUISITES |
|--------------------------------------------------|-----------------------------------------|-------|---------------------------------------------------------------------------|
| SEC603 Introduction to Device & Network Security | • Trimester 1, Trimester 2, Trimester 3 | 12 | Pre: SEC601 and Enrolled in Program SC509, SC517, SC705 or BU708 |

usc.edu.au/bu708

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 8 February 2025
Study options and teaching period of offer can vary depending on the study location. For full details, visit usc.edu.au.

| | | | |
|----------------------------------------------|-----------------------------------------|----|-------------------------------------------------------------------------------------------------------------------------------|
| SEC604 Cryptography, Blockchain and Security | • Trimester 1, Trimester 2, Trimester 3 | 12 | Pre: SEC601 and Enrolled in SC509, SC705, SC517 or BU708 |
| SCI701 Research/Industry Dissertation 2 | • Trimester 1, Trimester 2, Trimester 3 | 24 | Pre: Completed 84 credits which must include PRM701 Co: BUS703 or BUS512 or BUS514 or BUS515 or HLT701 or PUB708 |

Program requirements and notes

In order to graduate you must:

- Successfully complete 192 units as outlined in the Program Structure

Program notes

- Completing this program within the specified (full-time) duration is based on studying 48 units 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 student's 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
- Refer to the Managing your progression page for help in understanding your program structure, reviewing your progress and planning remaining courses.

usc.edu.au/bu708

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 8 February 2025
Study options and teaching period of offer can vary depending on the study location. For full details, visit usc.edu.au.