

Upgrade

 your skills in a fast-growing field

Master of Information and Communications Technology

The Master of Information and Communications Technology will boost your career prospects by equipping you with high-level professional skills. You will develop your understanding in data analytics, data science engineering, data and process management, domain knowledge and research methods.

You will understand the ethical implications with respect to privacy and security in the analysis and use of data, how the effective management and use of data has and will continue to transform organisations through digital innovation. You will apply research methods and skills to develop innovative solutions to business problems.

Admission requirements

To be considered for admission candidates require completion of a recognised Bachelor degree from a recognised higher education institution or equivalent or successful completion of Graduate Certificate in ICT or Graduate Certificate in Cyber Security. Students who have completed a Bachelor Degree in Information and Communication Technology may be eligible to apply for 48 units of block credit. The 48 units (four courses) credited will be determined by the courses students have completed and will be assessed on a case by case basis. Candidates whose first language is other than English must demonstrate an appropriate level of English proficiency. Refer to the English language requirements.

Please note that offshore international students enrolling in this program can only study it fully online. This program is not available to onshore international students on a Student Visa.

Career opportunities

Graduates will be prepared to undertake careers in the ICT field including business analyst, data analyst or cyber security specialist.

MORE INFORMATION

Contact the International Office
study@usc.edu.au
+61 7 5430 2843

usc.edu.au/bu708 | CRICOS code:

University of the Sunshine Coast | CRICOS Provider Number: 01595D | Correct as at 25 September 2021
Note: Study options and semester of offer can vary depending on the study location. For full details, visit usc.edu.au.

PROGRAM STRUCTURE

Required courses (13) 180 units

SEC601 Introduction to Cybersecurity

SEC602 Ethics in Digital Investigation and Cyber Security

SEC603 Introduction to Device & Network Security

SEC604 Cryptography, Blockchain and Security

ICT701 Managing Data

ICT702 Data Visualisation

ICT703 Programming

ICT704 Databases

ICT706 Machine Learning

INF701 Management Informatics

PRM701 Project Management Principles

SCI700 Research/Industry Dissertation 1

SCI701 Research/Industry Dissertation 2

PLUS select 1 course (12 units) from:

BUS512 Introduction to Research Concepts and Design

BUS514 Qualitative Research Methods

BUS515 Applied Quantitative Research Methods

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

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