

Handbook 2020

Coursecode

C1158

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (OUA)

Murdoch University

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Cancellation of Courses, Majors, Minors and Units

The University reserves the right to cancel, without notice, any course, major, minor or unit if the number of students enrolled falls below limits set by the University or in other unforeseen circumstances.

Alternative Formats

Handbook home page:

<http://handbook.murdoch.edu.au>

This publication can also be provided in alternative formats by contacting the Equity and Social Inclusion Office at Murdoch University

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Group**Course****Offerings****Graduate Coursework Degrees and Professional Doctorates**

Group	Course	Offerings
Information Technology	Graduate Certificate in Information Technology (OUA) (GradCertIT)	• OUA (Australia) (external)

INFORMATION TECHNOLOGY

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (OUA) (GRADCERTIT)

Graduate Certificate in Information Technology (GradCertIT)
Mathematics and Statistics

Duration: 1 semester full-time or part-time equivalent (depending on unit selection)

Course Codes: C1158

Admission Requirements (Onshore):

Recognised Bachelor's degree (AQF Level 7).
Recognition of relevant and current informal or non-formal learning may be used for entry requirements, and should be discussed with the Academic Chair.

Employment Prospects:

Graduates of the Graduate Certificate in IT will be able to choose from a variety of IT-related careers, both as IT practitioners and in supervisory and administrative roles within a wide range of public and private organisations.

Restriction: All graduate courses are subject to restriction.

Availability:

- OUA (Australia) (external)

Special Requirements:

The course is available by on-campus attendance only.

The Graduate Certificate in Information Technology is an entry-level course, designed to provide professionals with a qualification in the IT field and graduates in information technology related disciplines with a further qualification. The course emphasises professional practice and effective communication using technical and nontechnical means. The course may be completed over one semester full-time.

Course Structure - 12 credit points

Core Units - 12 credit points

ICT581 Information Systems Principles and Practice - 3 points

OUA: S2-external

ICT582 Python Programming Principles and Practice - 3 points

OUA: S2-external

ICT583 Data Science Applications - 3 points

OUA: S2-external

ICT502 Applied Information Security Management - 3 points

OUA: S2-external

PREREQUISITES

Applied Information Security Management (ICT502)

Enrolment in a graduate IT course or permission of the Academic Chair.

Data Science Applications (ICT583)

Enrolment in an IT graduate course or permission of the Academic Chair.

Information Systems Principles and Practice (ICT581)

Enrolment in a graduate IT course or permission of the Academic Chair.

Python Programming Principles and Practice (ICT582)

Enrolment in a graduate IT course, or permission of the Academic Chair.