

# Handbook 2020

**Coursecode**

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C1109

GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY

**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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<http://goto.murdoch.edu.au/EquitySocialInclusion>

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Group	Course	Offerings
<b>Graduate Coursework Degrees and Professional Doctorates</b>		
Information Technology	Graduate Certificate in Information Technology (GradCertIT)	<ul style="list-style-type: none"> <li>• Murdoch campus (internal)</li> <li>• Some units only: Murdoch campus (external)</li> </ul>

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## INFORMATION TECHNOLOGY

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### GRADUATE CERTIFICATE IN INFORMATION TECHNOLOGY (GRADCERTIT)

#### Mathematics and Statistics

##### Availability:

- Murdoch campus (internal)<br/>Some units only: Murdoch campus (external)

##### Special Requirements:

The course is available by on-campus attendance only.

##### 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.

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

*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.*

*Restriction: All graduate courses are subject to restriction.*

##### 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.

Course Codes: C1109

Graduate Certificate in Information Technology (GradCertIT)

#### Course Structure - 12 credit points

##### Core Units - 3 credit points

ICT521 IT Professional Practice - 3 points  
MURDOCH: S1-internal, S2-internal

##### Specified Electives - 9 credit points

Select from the Specified Elective Unit List below.

ICT546 Local Area Network Design and Implementation - 3 points  
MURDOCH: S1-internal, S2-internal

ICT581 Information Systems Principles and Practice - 3 points  
MURDOCH: S1-internal, S2-internal

ICT582 Python Programming Principles and Practice - 3 points  
MURDOCH: S1-internal, S2-internal

ICT583 Data Science Applications - 3 points  
MURDOCH: S1-internal, S2-internal

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## PREREQUISITES

##### Data Science Applications (ICT583)

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

##### IT Professional Practice (ICT521)

Enrolment in a graduate-level IT 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.

##### Local Area Network Design and Implementation (ICT546)

Enrolment in a graduate-level IT course.

##### Python Programming Principles and Practice (ICT582)

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