

Handbook 2020

Coursecode

A1002

DIPLOMA OF INFORMATION TECHNOLOGY

Murdoch University

Correct as at: 14 December 2019 at 4:45am

Correct as at: 14 December 2019 at 4:45am

The information contained within this publication was correct as at the generated date shown above but is subject to amendment without notice.

Enquiries concerning its contents should be addressed to:

University Secretary
Murdoch University
South Street
Murdoch
Western Australia 6150

Telephone: (08) 9360 6000

Facsimile: (08) 9360 6847

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

TEQSA Number PRV12163; CRICOS Provider Code: 00125J

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

Telephone: (08) 9360 6084

Facsimile: (08) 9360 6502

equity@murdoch.edu.au

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

ISSN 0815-9068

Published by

University Secretary's Office

Murdoch University



© Murdoch University 2019

This Handbook, and its sections as individual works, is licensed under a Creative Commons Attribution Noncommercial No Derivative Works Australia 2.5 licence. You may download, reproduce, communicate, print and distribute copies of the Handbook (or any part of it) as long as it is for non-commercial purposes, you do not alter the content, and you attribute Murdoch University as the original author. For more information on this licence, see <http://creativecommons.org/licenses/by-nc-nd/2.5/au/>

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.

Group	Course	Offerings
Information Technology	Diploma of Information Technology	• Murdoch University Dubai (UAE) ['DUBAI-ISC'] (internal)

INFORMATION TECHNOLOGY

DIPLOMA OF INFORMATION TECHNOLOGY

Duration: 1 year full-time or part-time equivalent

Main Research Areas:

No

Admission Requirements (Onshore):

Successful completion of Year 12 with minimum ATAR of 50 or Foundation Program or AQF Certificate IV

The Diploma of Information Technology is designed to provide students with a broad introduction to information technology in a supportive, student-centred learning environment. It will prepare students for further study or for entry-level employment in the informational technology sector. Students will explore a broad range of information technology areas including foundations of computer systems, information systems, discrete mathematics, programming, and server environments and architecture. They will also have a better understanding of career planning and management, as well as develop literacy skills that will enhance their academic and business communication and language capabilities. The knowledge and skills gained through completing the Diploma will be directly transferable to either entry-level employment/work settings and/or to further learning in an academic setting.

Mathematics and Statistics

Course Codes: A1002

Availability:

- Murdoch University Dubai (UAE) ['DUBAI-ISC'] (internal)

Admission Requirements (Offshore):

Successful completion of GCE A levels with 2 passes (E or better)
 International Baccalaureate - Aggregate score of 21 or above
 Other - successful completion of one of the following:
 . A recognised post-secondary (post high school course);
 . University preparation (foundation) studies;
 . One year of study at a recognised tertiary or higher education institute;
 . 2 units completed at an Australian University or Open University Australia (OUA).
 Full list of country specific academic entry requirements can be provided.

Course Structure - 24 credit points

Course Core - 24 credit points

MFP1001 Language Enhancement - 3 points
 DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal

MSP1001 Career Learning: Managing Your Career - 3 points
 DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal

BBS1001 Academic Skills for Business - 3 points
 DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal

ICT1701 Foundations of Computer Systems - 3 points
 DUBAI-ISC: TJD-internal, TSD-internal

ICT1711 Introduction to Server Environments and Architectures - 3 points
 DUBAI-ISC: TMD-internal

ICT1591 Foundations of Programming - 3 points
 DUBAI-ISC: TJD-internal, TMD-internal, TSD-internal

ICT1581 Introduction to Information Systems - 3 points
 DUBAI-ISC: TJD-internal, TSD-internal

MAS1621 Foundations of Discrete Mathematics - 3 points
 DUBAI-ISC: TMD-internal

PREREQUISITES

Academic Skills for Business (BBS1001)

Enrolment in Bachelor of Business, Bachelor of Commerce, Bachelor of Economics, Bachelor of Business in Applied Accounting, or Bachelor of Digital Marketing and Media, Bachelor of Business in Sustainability. Enrolment in Diploma of Business, Diploma of Communications, Diploma of Information technology, Diploma of Psychological Studies.

Career Learning: Managing Your Career (MSP1001)

Nil.

Foundations of Computer Systems (ICT1701)

Nil.

Foundations of Discrete Mathematics (MAS1621)

MAS164 Fundamentals of Mathematics/MAS182/MAS161 OR a final scaled score of 55% or more in ATAR Mathematics Applications or WACE Mathematics 2C/2D OR a final scaled score of 50% or more in ATAR Mathematics Methods or WACE Mathematics 3A/3B (or higher) OR equivalent.

Foundations of Programming (ICT1591)

Nil.

Introduction to Information Systems (ICT1581)

Nil.

Introduction to Server Environments and Architectures (ICT1711)

Nil.