

S738 MASTER OF INFORMATION TECHNOLOGY MANAGEMENT

FACULTY OF SCIENCE, ENGINEERING AND BUILT ENVIRONMENT



FOR STUDENTS COMMENCING TRIMESTER 1 2022

Last updated 12/08/2021

When you first enrol via StudentConnect and go through the enrolment steps, you may be able to simply confirm any units that are pre-populated for you. You can also add any that you need to do, as part of your first year's enrolment – by using the information on this map and in the Handbook.

You must also complete the following compulsory zero (0) credit point units: STP050 Academic Integrity (0 credit points)

| | | | | | |
|------------------------------------|-------------|--|--|--|--|
| YEAR 1 Year: 2022 | Trimester 1 | | | | |
| | Trimester 2 | | | | |
| | Trimester 3 | | | | |

| | | | | | |
|------------------------------------|-------------|--|--|--|--|
| YEAR 2 Year: 2023 | Trimester 1 | | | | |
| | Trimester 2 | | | | |
| | Trimester 3 | | | | |

Note: Students are expected to undertake SIT764 and SIT782 in consecutive trimesters. Students should seek advice from the unit chair if they are unable to complete SIT764 and SIT782 consecutively.

Depending upon prior qualifications and/or experience, you may receive credit for Parts A and B.

S738 COURSE RULES

- Must pass 16 credit points for course
- Must pass 1 units in {STP050}
- Must pass 1 unit set(s) in {Part A: Fundamental Information Technology Studies (PT-S738001)}
- Must pass 1 unit set(s) in {Part B: Introductory Information Technology Management Studies (PT-S738002)}
- Must pass 1 unit set(s) in {Part C: Mastery Information Technology Management Studies (PT-S738003)}

FOR USE ONLY WHEN UNDERTAKING A CONSULTATION WITH A STUDENT ADVISER:

| | | | | | |
|------------------------|-------------------|-----------------------|-----------------------------|-------------|--|
| Student ID: _____ | | Name: _____ | | | |
| Deakin email: _____ | | | Preferred contact no: _____ | | |
| Year commenced: | Period commenced: | eCOE (if applicable): | Campus: _____ | Mode: _____ | |
| Student adviser: _____ | | | | Date: _____ | |

Notes

GENERAL INFORMATION

This course map is a guide only. You must also ensure you meet the course rules and structure as set out in the official [University Handbook](#) of the year you commenced your course. This course map has been created to be used electronically.

Not all units are available in all study periods or mode of delivery.

- Full time study is typically three to four units (or credit points) each study period.
- Part time study is typically one to two units (or credit points) each study period – part time study will extend the duration of your studies.
- Trimester 3 is typically an optional study period - unless it's your first study period and/or a compulsory study period for your course.

Unit options can be found in the '[Advanced Unit Search](#)' in the most current year's University Handbook.

If you have applied for or received credit for units as recognition of prior learning (RPL), it may alter the units you need to study.

Please seek advice from a Student Adviser in StudentCentral if you have any queries or need help understanding your course structure and unit options.

S738 MASTER OF INFORMATION TECHNOLOGY MANAGEMENT ELECTIVE UNIT SETS

| COURSE ELECTIVES (EL-S7381085337) |
|--|
| SIT703 Advanced Digital Forensics |
| SIT704 Advanced Topics in Digital Security |
| SIT706 Cloud Computing Technologies |
| SIT707 Software Quality and Testing |
| SIT708 Mobile Systems Development |
| SIT709 Advancing Your Career in It |
| SIT718 Real World Analytics |
| SIT720 Machine Learning |
| SIT725 Applied Software Engineering |
| SIT735 Communications Network Security |
| SIT737 Cloud Applications Design and Development |
| SIT741 Statistical Data Analysis |
| SIT742 Modern Data Science |
| SIT743 Bayesian Learning and Graphical Models |

[SIT744 Deep Learning](#)

[SIT755 Interactive Application Design for Virtual and Augmented Reality](#)

[SIT756 Development for Virtual and Augmented Reality](#)

[SIT757 Content Creation for Virtual Reality](#)

Completion Rule

- Must pass 2 unit(s) in {SIT703, SIT704, SIT706, SIT707, SIT708, SIT709, SIT718, SIT720, SIT725, SIT735, SIT737, SIT741, SIT742, SIT743, SIT744, SIT755, SIT756, SIT757}

S738 MASTER OF INFORMATION TECHNOLOGY MANAGEMENT PART UNIT SETS

PART A: FUNDAMENTAL INFORMATION TECHNOLOGY STUDIES (PT-S738001)

[SIT771 Object-Oriented Development](#)

[SIT772 Database and Information Retrieval](#)

[SIT773 Software Requirements Analysis and Modelling](#)

[SIT774 Web Technologies and Development](#)

Completion Rule

- Must pass all unit(s) in {SIT771, SIT772, SIT773, SIT774}

PART B: INTRODUCTORY INFORMATION TECHNOLOGY MANAGEMENT STUDIES (PT-S738002)

[SIT716 Computer Networks and Security](#)

[SIT719 Analytics for Security and Privacy](#)

[SIT794 Services Management](#)

Completion Rule

- Must pass all unit(s) in {SIT716, SIT719, SIT794}
- Must pass 1 credit points in {SIT7%}

PART C: MASTERY INFORMATION TECHNOLOGY MANAGEMENT STUDIES (PT-S738003)

[SIT714 Enterprise Systems and Management](#)

[SIT722 Software Deployment and Operation](#)

[SIT740 Research and Development in Information Technology](#)

[SIT763 Cyber Security Management](#)

[SIT764 Team Project \(A\) - Project Management and Practices](#)

[SIT782 Team Project \(B\) - Execution and Delivery](#)

Completion Rule

- Must pass all unit(s) in {SIT714, SIT722, SIT740, SIT763, SIT764, SIT782}
- Must pass 2 credit points in {SIT7%}

Note(s)

The two credit points in SIT7% must be selected from the S738 Course Elective list.