

## **Credit Agreement: Victoria Institute of Technology (VIT) and Torrens University Australia (TUA)**

This document presents credit agreement between

- Master of Information Technology at Victoria Institute of Technology (VIT-MIT) and
- Master of Information Technology (Advanced) at Torrens University Australia (TUA-MITA).

VIT-MIT offers four specializations:

- Software engineering
- Enterprise architecture
- Analytics
- Cybersecurity

With four foundation core subjects, four core subjects, and five specialization subjects, followed by two elective subjects.

This document presents credit mapping information for each specialization at VIT-MIT (followed by the non-specialization case) to the TUA-MITA course, as follows.

Credit Mapping of Software Engineering (specialization) at VIT-MIT to TUA-MITA.....	2
Credit Mapping of Enterprise Architecture (specialization) at VIT-MIT to TUA-MITA.....	3
Credit Mapping of Analytics (specialization) at VIT-MIT to TUA-MITA.....	4
Credit Mapping of Cybersecurity (specialization) at VIT-MIT to TUA-MITA .....	5
Credit Mapping for students with no specialization (yet) in VIT-MIT to TUA-MITA.....	6

### Credit Mapping of Software Engineering (specialization) at VIT-MIT to TUA-MITA

VIT-MIT Subject Types	VIT-MIT Subject	TUA-MITA Subject	TUA Credit Points
Foundation Core Units	MITS4001 Business Information Systems	MIS605 Systems Analysis and Design	10
Foundation Core Units	MITS4002 Object Oriented Software Development	MIS501 Principles of Programming	10
Foundation Core Units	MITS4003 Database System	GEC501 General Elective 1	10
Foundation Core Units	MITS4004 IT Networking and Communication	CCF501 Cloud Computing Fundamentals	10
Core Units	MITS5001 IT Project Management	SDM404 Software Development Management	10
Core Units	MITS5002 Software Engineering Methodology	SEP401 Software Engineering Principles	10
Core Units	MITS5003 Wireless Networks and Communication	GEC502 General Elective 2	10
Core Units	MITS5004 IT Security	SBD403 Secure by Design	10
Software Engineering Specialization	MITS5501 Software Quality, Change Management & Testing	GEC601 General Elective 3 (any one subject from three subjects on the left side can be mapped to a general elective).	10
Software Engineering Specialization	MITS5502 Develop Enterprise Systems		
Software Engineering Specialization	MITS6004 Enterprise Resource Planning		
Software Engineering Specialization	MITS6011 Advanced Research Topics in IT	REM502 Research Methodologies	10
Software Engineering Specialization	MITS6500 Capstone Project (20 credit points)	ITW601 Information Technology - Work Integrated Learning	20
Elective 1	NA	ISY503 Intelligence Systems	10
Elective 2	NA	ITA602 Advanced Information Technology - Work Integrated Learning	30

Each elective will be considered case by case.

#### Mapping Summary:

To qualify for TUA-MITA, student has to complete the following 40 credit subjects in TUA-MITA

ISY503 Intelligence Systems	10
ITA602 Advanced Information Technology - Work Integrated Learning	30

In addition to any remaining subjects in software engineering specialization at VIT (or its equivalent in TUA-MIT).

### Credit Mapping of Enterprise Architecture (specialization) at VIT-MIT to TUA-MITA

VIT-MIT Subject Types	VIT-MIT Subject	TUA-MITA Subject	TUA Credit Points
Foundation Core Units	MITS4001 Business Information Systems	MIS605 Systems Analysis and Design	10
Foundation Core Units	MITS4002 Object Oriented Software Development	MIS501 Principles of Programming	10
Foundation Core Units	MITS4003 Database System	GEC501 General Elective 1	10
Foundation Core Units	MITS4004 IT Networking and Communication	CCF501 Cloud Computing Fundamentals	10
Core Units	MITS5001 IT Project Management	SDM404 Software Development Management	10
Core Units	MITS5002 Software Engineering Methodology	SEP401 Software Engineering Principles	10
Core Units	MITS5003 Wireless Networks and Communication	GEC502 General Elective 2	10
Core Units	MITS5004 IT Security	SBD403 Secure by Design	10
Enterprise Architecture Specialization	MITS5506 Enterprise Application Integration	GEC601 General Elective 3 (any one subject from three subjects on the left side can be mapped to a general elective).	10
Enterprise Architecture Specialization	MITS5507 Business Process Modeling & Management		
Enterprise Architecture Specialization	MITS6003 Enterprise & IT Solutions Architecture		
Enterprise Architecture Specialization	MITS6011 Advanced Research Topics in IT	REM502 Research Methodologies	10
Enterprise Architecture Specialization	MITS6500 Capstone Project (20 credit points)	ITW601 Information Technology - Work Integrated Learning	20
Elective 1	NA	ISY503 Intelligence Systems	10
Elective 2	NA	ITA602 Advanced Information Technology - Work Integrated Learning	30

Each elective will be considered case by case.

#### Mapping Summary:

To qualify for TUA-MITA, student has to complete the following 40 credit subjects in TUA-MITA

ISY503 Intelligence Systems	10
ITA602 Advanced Information Technology - Work Integrated Learning	30

In addition to any remaining subjects in enterprise architecture specialization at VIT (or its equivalent in TUA-MITA).

### Credit Mapping of Analytics (specialization) at VIT-MIT to TUA-MITA

VIT-MIT Subject Types	VIT-MIT Subject	TUA-MIT Subject	TUA Credit Points
Foundation Core Units	MITS4001 Business Information Systems	MIS605 Systems Analysis and Design	10
Foundation Core Units	MITS4002 Object Oriented Software Development	MIS501 Principles of Programming	10
Foundation Core Units	MITS4003 Database System	GEC501 General Elective 1	10
Foundation Core Units	MITS4004 IT Networking and Communication	CCF501 Cloud Computing Fundamentals	10
Core Units	MITS5001 IT Project Management	SDM404 Software Development Management	10
Core Units	MITS5002 Software Engineering Methodology	SEP401 Software Engineering Principles	10
Core Units	MITS5003 Wireless Networks and Communication	GEC502 General Elective 2	10
Core Units	MITS5004 IT Security	SBD403 Secure by Design	10
Analytics Specialization	MITS5509 Intelligent Systems for Analytics	ISY503 Intelligence Systems	10
Analytics Specialization	MITS6002 Business Analytics	GEC601 General Elective 3 (any one subject from two subjects on the left side can be mapped to a general elective).	10
Analytics Specialization	MITS6005 Big Data		
Analytics Specialization	MITS6011 Advanced Research Topics in IT	REM502 Research Methodologies	10
Analytics Specialization	MITS6500 Capstone Project (20 credit points)	ITW601 Information Technology - Work Integrated Learning	20
Elective 1	NA	ITA602 Advanced Information Technology - Work Integrated Learning	30
Elective 2	NA	NA	10

Each elective will be considered case by case.

#### Mapping Summary:

To qualify for TUA-MITA, student has to complete the following 30 credit subjects in TUA-MITA

ITA602 Advanced Information Technology - Work Integrated Learning	30
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In addition to any remaining subjects in analytics specialization at VIT (or its equivalent in TUA-MITA).

### Credit Mapping of Cybersecurity (specialization) at VIT-MIT to TUA-MITA

VIT-MIT Subject Types	VIT-MIT Subject	TUA-MITA Subject	TUA Credit Points
Foundation Core Units	MITS4001 Business Information Systems	MIS605 Systems Analysis and Design	10
Foundation Core Units	MITS4002 Object Oriented Software Development	MIS501 Principles of Programming	10
Foundation Core Units	MITS4003 Database System	GEC501 General Elective 1	10
Foundation Core Units	MITS4004 IT Networking and Communication	CCF501 Cloud Computing Fundamentals	10
Core Units	MITS5001 IT Project Management	SDM404 Software Development Management	10
Core Units	MITS5002 Software Engineering Methodology	SEP401 Software Engineering Principles	10
Core Units	MITS5003 Wireless Networks and Communication	GEC502 General Elective 2	10
Core Units	MITS5004 IT Security	SBD403 Secure by Design	10
Cybersecurity Specialization	MITS5510 Cyber threats and countermeasures	GEC601 General Elective 3 (any one subject from three subjects on the left side can be mapped to a general elective).	10
Cybersecurity Specialization	MITS5511 Ethical hacking and penetration testing		
Cybersecurity Specialization	MITS6006 Advanced Digital Forensic		
Cybersecurity Specialization	MITS6011 Advanced Research Topics in IT	REM502 Research Methodologies	10
Cybersecurity Specialization	MITS6500 Capstone Project (20 credit points)	ITW601 Information Technology - Work Integrated Learning	20
Elective 1	NA	ISY503 Intelligence Systems	10
Elective 2	NA	ITA602 Advanced Information Technology - Work Integrated Learning	30

Each elective will be considered case by case.

#### Mapping Summary:

To qualify for TUA-MITA, student has to complete the following 40 credit subjects in TUA-MITA

ISY503 Intelligence Systems	10
ITA602 Advanced Information Technology - Work Integrated Learning	30

In addition to any remaining subjects in cybersecurity specialization at VIT (or its equivalent in TUA-MITA).

### Credit Mapping for students with no specialization (yet) in VIT-MIT to TUA-MITA

VIT-MIT Subject Types	VIT-MIT Subject	TUA-MITA Subject	TUA Credit Points
Foundation Core Units	MITS4001 Business Information Systems	MIS605 Systems Analysis and Design	10
Foundation Core Units	MITS4002 Object Oriented Software Development	MIS501 Principles of Programming	10
Foundation Core Units	MITS4003 Database System	GEC501 General Elective 1	10
Foundation Core Units	MITS4004 IT Networking and Communication	CCF501 Cloud Computing Fundamentals	10
Core Units	MITS5001 IT Project Management	SDM404 Software Development Management	10
Core Units	MITS5002 Software Engineering Methodology	SEP401 Software Engineering Principles	10
Core Units	MITS5003 Wireless Networks and Communication	GEC502 General Elective 2	10
Core Units	MITS5004 IT Security	SBD403 Secure by Design	10
		ISY503 Intelligence Systems	10
		REM502 Research Methodologies	10
		GEC601 General Elective 3	10
		ITW601 Information Technology - Work Integrated Learning	20
		ITA602 Advanced Information Technology - Work Integrated Learning	30

#### Mapping Summary:

To qualify for TUA-MITA, student has to complete the following 80 credit subjects in TUA-MITA

TUA-MIT Subject	TUA Credit Points
ISY503 Intelligence Systems	10
REM502 Research Methodologies	10
GEC601 General Elective 3	10
ITW601 Information Technology - Work Integrated Learning	20
ITA602 Advanced Information Technology - Work Integrated Learning	30

In addition to any remaining subjects in foundation or core subjects in VIT-MIT (or its equivalent in TUA-MITA).