

Enrolment Course Structure

Course Code – IX5

Course Name – Bachelor of Digital Transformation (IT)

Locations: MELC

First Year			
Unit Code	Unit Name	Unit Rules	CR Points
Semester 1			
ITECH 1501	User Centred Design	EX: ITECH1101. GPSIT1011	15
ITECH 1504	Connected Systems	EX: ITECH1104, ITECH2201. GPSIT1104	15
ITECH 1500	Digital Literacy	EX: GPSIT1100 & ITECH1100 & ITECH5100	15
ITECH 1503	Data and Information Systems	EX: GPSIT1103 & ITECH1103 & ITECH5103	15
Semester 2			
COOPI 1001	Professional Identity (Information Technology)	PR: Student must be undertaking one of the following courses IT5, IT5.ADS, IT5.BA, IT5CS, IT5.SE, IB5, IX5, IT5.SAD	15
ITECH 1502	Cybersecurity Fundamentals	EX: GPSIT1102 & ITECH1102 & ITECH5102	15
ITECH 1400	Foundations of Programming	EX: ITECH5104	15
	General Electives Introductory Elective		
Second Year			
Unit Code	Unit Name	Unit Rules	CR Points
Semester 1			
GPSIT 2012	Azure DevOps Initiative3	PR: GPSIT1008	15
ITECH 2003	Web Design	PR: ITECH1100 or ITECH1501 or GPSIT1501 or GPSIT1100 or GPSIT1008 EX: ITECH2106	
	General Electives Introductory or Intermediate Elective		
	General Electives Intermediate Elective		
Semester 2			
GPSIT 2009	Robotic Process Automation: Business Analyst and Developer Foundation	PR: ITECH1503 or GPSIT1008	15
ITECH 2305	Analysing the Modern Business	PR: ITECH1100, or ITECH1500 or GPSIT1100	15

ITECH 2004	Data Modelling		15
	General Electives Introductory or Intermediate Elective		15
Third Year			
Unit Code	Unit Name	Unit Rules	CR Points
Semester 1			
COOPI 2011	Co-Operative Placement 1 (Information Technology) (30 credit points)	PR: COOPI1001 & At least 105 credit points from ITECH subject-area EX: BUGEN3751 & BUGEN3752 & SCCOR3003 & SCCOR3014	30
COOPI 2012	Co-Operative Placement 2 (Information Technology) (30 credit points)	PR: COOPI1001 & At least 105 credit points from ITECH subject-area	30
Semester 2			
ITECH 3001	User Experience	PR: ITECH2003	15
ITECH 3113	Requirements Management and DevOps		15
ITECH 3507	Transforming Enterprises with Digital Technologies	PR: ITECH2305	15
ITECH 3502	Project	PR: ITECH2250 CO: ITECH6001 or ITECH3108 or ITECH3113 or ITECH3504 or ITECH3506 EX: ITECH3208 or ITECH3602	

Additional Information

This course structure applies to students commencing from 2026. Students who commenced prior to 2026 should refer to the continuing enrolments page.

Course Coordinator

Professor Cameron Foale

E: c.foale@federation.edu.au

P: +61 3 5327 9442

Glossary

Semester: designated teaching period.

PR: Pre-requisite, a unit/s that must be completed prior to undertaking another unit.

CO: Co-requisite, a unit/s that must be completed simultaneously, or prior to, undertaking another unit.

EX: Exclusion, a unit/s that may not be taken.