



School of Management & Enterprise

Information Technology (IT) Discipline
Bachelor of Business & Commerce



Three Disciplines:

Information Technology

Marketing

Management



IT Discipline (Bachelor of Business & Commerce – Information Technology Management)		
First year courses and codes	Second year courses and codes	Third year courses and codes
<ul style="list-style-type: none"> • Information Systems Concepts (CIS1000) • Business Online (CIS1101) 	<ul style="list-style-type: none"> • Systems Analysis and Design (CIS2000) • Database Design and Implementation (CIS2002) • Principles of Information Security (CIS2005) 	<ul style="list-style-type: none"> • Business Analysis (CIS3002) • Information Technology Service Management (CIS3008) • Enterprise Systems in Practice (CIS3009) • Information Systems Industry Project (CIS3011)

IT Discipline (Bachelor of IT – Applied Computer Science)		
First year courses and codes	Second year courses and codes	Third year courses and codes
<ul style="list-style-type: none"> • Information Systems Concepts (CIS1000) • Foundation Programming (CSC1401) • Discrete Mathematics for Computing (MAT1101) 	<ul style="list-style-type: none"> • Introduction to Software Engineering (CSC2407) • Web Technology 1 (CSC2406) • Algorithms and Data Structures (CSC2401) • Object-Oriented Programming in C++ (CSC2402) • Operating Systems (CSC2404) • Software Development Tools (CSC2408) 	<ul style="list-style-type: none"> • Business Analysis (CIS3002) • ICT Professional Project (CSC3600) • Database Systems (CSC3400) • Comparative Programming Languages (CSC3403) • System and Security Administration (CSC3412) • Web Technology 2 (CSC3426)

(Core Courses in bold)

IT Discipline
(Bachelor of IT – Data Analytics)

First year courses and codes	Second year courses and codes	Third year courses and codes
<ul style="list-style-type: none"> • Information Systems Concepts (CIS1000) • Foundation Programming (CSC1401) • Discrete Mathematics for Computing (MAT1101) 	<ul style="list-style-type: none"> • Introduction to Software Engineering (CSC2407) • Web Technology 1 (CSC2406) • Computational Thinking with Python (CSC2410) • Software Development Tools (CSC2408) 	<ul style="list-style-type: none"> • Business Analysis (CIS3002) • ICT Professional Project (CSC3600) • Database Systems (CSC3400) • Principles of Data Science and Visualisation (CSC3501) • Principles of Big Data Management (CSC3502) • Network Fundamentals and Routing (CSC3407)

IT Discipline
(Bachelor of IT – Information Systems Development)

First year courses and codes	Second year courses and codes	Third year courses and codes
<ul style="list-style-type: none"> • Information Systems Concepts (CIS1000) • Foundation Programming (CSC1401) • Business Online (CIS1101) 	<ul style="list-style-type: none"> • Introduction to Software Engineering (CSC2407) • Systems Analysis and Design (CIS2000) • Database Design and Implementation (CIS2002) • Component Based Software Development (CIS2003) 	<ul style="list-style-type: none"> • Object-Oriented Programming with Java (CIS3001) • Networks and Distributed Systems (CIS3003) • Enterprise Solutions Project (CIS3007) • Oracle Development (CIS3010)

(Core Courses in bold)

IT Discipline (Bachelor of IT – Information Technology Management)		
First year courses and codes	Second year courses and codes	Third year courses and codes
<ul style="list-style-type: none"> • Information Systems Concepts (CIS1000) • Foundation Programming (CSC1401) • Business Online (CIS1101) 	<ul style="list-style-type: none"> • Introduction to Software Engineering (CSC2407) • Systems Analysis and Design (CIS2000) • Database Design and Implementation (CIS2002) • Principles of Information Security (CIS2005) 	<ul style="list-style-type: none"> • Business Analysis (CIS3002) • Networks and Distributed Systems (CIS3003) • Information Technology Service Management (CIS3008) • Enterprise Systems in Practice (CIS3009) • Information Systems Industry Project (CIS3011)

IT Discipline (Bachelor of IT – Network and Security)		
First year courses and codes	Second year courses and codes	Third year courses and codes
<ul style="list-style-type: none"> • Information Systems Concepts (CIS1000) • Foundation Programming (CSC1401) • Discrete Mathematics for Computing (MAT1101) <p><i>(Core Courses in bold)</i></p>	<ul style="list-style-type: none"> • Introduction to Software Engineering (CSC2407) • Web Technology 1 (CSC2406) • Operating Systems (CSC2404) • Software Development Tools (CSC2408) 	<ul style="list-style-type: none"> • Business Analysis (CIS3002) • ICT Professional Project (CSC3600) • Database Systems (CSC3400) • Network Fundamentals and Routing (CSC3407) • System and Security Administration (CSC3412) • Network Design and Analysis (CSC3413) • Mobile Internet Technology (CSC3420) • Switching, Wireless and WAN

Course Code	Course Name	Examiner	Email
CIS1000	Information Systems Concepts	Genrich, Rohan	Rohan.Genrich@usq.edu.au
CIS1101	Business Online	Zhou, Susan (Xujuan)	Xujuan.Zhou@usq.edu.au
CIS2000	Systems Analysis and Design	Cockcroft, Sophie	Sophie.Cockcroft@usq.edu.au
CIS2000	Systems Analysis and Design	Zhou, Susan (Xujuan)	Xujuan.Zhou@usq.edu.au
CIS2005	Principles of Information Security	TBA	
CIS3002	Business Analysis	Soar, Jeffrey	Jeffrey.Soar@usq.edu.au
CIS3008	Information Technology Service Management	Shrestha, Anup	Anup.Shrestha@usq.edu.au
CIS3009	Enterprise Systems in Practice	Chan, KC	KC.Chan@usq.edu.au
CIS3009	Enterprise Systems in Practice	Shrestha, Anup	Anup.Shrestha@usq.edu.au

Course Code	Course Name	Examiner	Email
CSC1401	Foundation Programming	LI, Tianning	Tianning.Li@usq.edu.au
MAT1101	Discrete Mathematics for Computing	Butler, Harry	Harry.Butler@usq.edu.au
CSC2402	Object-Oriented Programming in C++	Howard, Srecko	Srecko.Howard@usq.edu.au
CSC2404	Operating Systems	Brookshaw, Leigh	Leigh.Brookshaw@usq.edu.au
CSC2406	Web Technology 1	Brookshaw, Leigh	Leigh.Brookshaw@usq.edu.au
CSC2407	Introduction to Software Engineering	LI, Tianning	Tianning.Li@usq.edu.au
CSC2408	Software Development Tools	Zhang, Zhongwei	Zhongwei.Zhang@usq.edu.au
CSC2410	Computational Thinking with Python	Grist, Shelly	Shelly.Grist@usq.edu.au
CSC3600	CSC3600 ICT Professional Project	Tao, Xiaohui	Xiaohui.tao@usq.edu.au