



Career	Code	Course Name	Prerequisites	2019 Offerings		
				T1	T2	T3
Undergraduate	BINF2010	Introduction to Bioinformatics	Prerequisite: BABS1201	No	No	Yes
Undergraduate	BINF3010	Applied Bioinformatics	Prerequisite: BIOC2201.	No	Yes	No
Undergraduate	BINF6111	Genome Informatics Workshop	See UNSW Handbook	No	Yes	No
Undergraduate	BINF6112	Bioinformatics Project B	See UNSW Handbook	No	No	Yes
Undergraduate	COMP1000	Web, Spreadsheets & Databases		No	Yes	No
Undergraduate	COMP1400	Programming for Designers	Prerequisite: Enrolment in a non-CSE major (no BINF, COMP, or SENG)	No	No	Yes
Undergraduate	COMP1511	Introduction to Programming		Yes	Yes	Yes
Undergraduate	COMP1521	Computer Systems Fundamentals	Prerequisite: COMP1511 or COMP1911 or COMP1917	No	Yes	Yes
Undergraduate	COMP1531	Software Eng Fundamentals	Prerequisite: COMP1511 or COMP1917 or COMP1921	Yes	No	Yes
Undergraduate	COMP1911	Computing 1A	Prerequisite: Enrolment in a non-CSE major (no BINF, COMP, or SENG)	Yes	No	No
Undergraduate	COMP2041	Software Construction	Prerequisite: COMP1511 or COMP1917 or COMP1921	No	Yes	No
Undergraduate	COMP2111	System Modelling and Design	Prerequisite: MATH1081, and COMP1511 or COMP1917 or COMP1921	Yes	No	No

Undergraduate	COMP2121	Microprocessors & Interfacing	Prerequisite: COMP1917 or COMP1921 or COMP1511 or COMP1521, or (COMP1911 and MTRN2500)	Yes	Yes	No
Undergraduate	COMP2511	O-O Design & Programming	Prerequisite: COMP1927, or (COMP1531 or SENG1031, and COMP2521)	No	Yes	Yes
Undergraduate	COMP2521	Data Structures and Algorithms	Prerequisite: COMP1511 or COMP1917 or COMP1921	Yes	Yes	Yes
Undergraduate	COMP3121	Algorithms & Programming Tech	Prerequisite: COMP1927 or COMP2521 or a mark of at least 65 in COMP1921	No	Yes	No
Undergraduate	COMP3131	Programming Languages & Compil	Prerequisite: COMP2511 or COMP2911	Yes	No	No
Undergraduate	COMP3141	Software Sys Des&Implementat'n	Prerequisite: COMP1927 or COMP2521 or a mark of at least 65 in COMP1921	No	Yes	No
Undergraduate	COMP3151	Foundations of Concurrency	Prerequisite: COMP1927, or COMP1521 and COMP2521	No	Yes	No
Undergraduate	COMP3153	Algorithmic Verification	Prerequisite: COMP2521 or COMP1927	No	Yes	No
Undergraduate	COMP3161	Concepts of Programming Lang.	Prerequisite: COMP2521 or COMP1927	No	No	Yes
Undergraduate	COMP3211	Computer Architecture	Prerequisite: COMP3222 or ELEC2141.	Yes	No	No
Undergraduate	COMP3222	Digital Circuits and Systems	Prerequisite: COMP2121, or (ELEC1111 or ELEC1112, and COMP1521 or COMP1927)	No	No	Yes

Undergraduate	COMP3231	Operating Systems	Prerequisite: COMP1521 or COMP2121, and COMP2521 or COMP1927	Yes	No	No
Undergraduate	COMP3311	Database Systems	Prerequisite: COMP1927 or COMP2521 or a mark of at least 65 in COMP1921	Yes	No	Yes
Undergraduate	COMP3331	Computer Networks&Applications	Prerequisite: COMP1921 or COMP1927 or MTRN3500, or (COMP1521, and COMP2521 or MTRN3500)	Yes	Yes	Yes
Undergraduate	COMP3411	Artificial Intelligence	Prerequisite: COMP2521 or COMP1927	Yes	No	No
Undergraduate	COMP3421	Computer Graphics	Prerequisite: COMP2511 or COMP2911	No	Yes	No
Undergraduate	COMP3431	Robotic Software Architecture	Prerequisite: COMP2521 or COMP1927, and a WAM of at least 70	No	No	Yes
Undergraduate	COMP3511	Human Computer Interaction	Prerequisite: Completion of 48 UOC	No	No	Yes
Undergraduate	COMP3601	Design Project A	Prerequisite: COMP2121	No	No	Yes
Undergraduate	COMP3821	Ext Algorithms&Prog Techniques	Prerequisite: COMP2521, or a mark of at least 65 in COMP1927, or a mark of at least 75 in COMP1921	No	Yes	No
Undergraduate	COMP3891	Ext Operating Systems	Prerequisite: COMP1521 or COMP2121, and COMP2521 or COMP1927, and a WAM of at least 75	Yes	No	No
Undergraduate	COMP3900	Computer Science Project	Prerequisite: COMP1927, or (COMP1531 or SENG1031, and COMP2521)	Yes	Yes	Yes

Undergraduate	COMP3901	Special Project A	Prerequisite: 80WAM in COMP, SENG or BINF courses, completion of all first and second year core requirements a CSE program, and agreement from a suitable CSE academic supervisor.	Yes	Yes	Yes
Undergraduate	COMP3902	Special Project B	Prerequisite: 80WAM in COMP, SENG or BINF courses, completion of all first and second year core requirements a CSE program, and agreement from a suitable CSE academic supervisor.	Yes	Yes	Yes
Undergraduate	COMP4121	Advanced & Parallel Algorithms	Prerequisite: COMP3121 or COMP3821.	No	No	Yes
Undergraduate	COMP4128	Programming Challenges	Co-equisite: COMP3821, or COMP3121 and a 75WAM	No	No	Yes
Undergraduate	COMP4141	Theory of Computation	Prerequisite: MATH1081, and COMP1927 or COMP2521	No	Yes	No
Undergraduate	COMP4161	Advanced Verification	Prerequisite: Completion of 48 UOC	No	Yes	No
Undergraduate	COMP4336	Mobile Data Networking	Prerequisite: COMP3331.	No	Yes	No
Undergraduate	COMP4337	Securing Wireless Networks	Prerequisite: COMP3331.	Yes	No	No
Undergraduate	COMP4418	Knowledge Representation	Prerequisite: COMP3411 or COMP4415	No	No	Yes
Undergraduate	COMP4511	User Interface Design & Constr	See UNSW Handbook	Yes	No	No
Undergraduate	COMP4601	Design Project B	Prerequisite: COMP3211 and COMP3601.	Yes	No	No

Undergraduate	COMP4920	Management and Ethics	Prerequisite: COMP2511 or COMP2911, and in the final year of the BSc Computer Science or BE / BE (Hons) Bioinformatics Engineering or Computer Engineering. Software Engineering students enrol in SENG4920.	No	No	Yes
Undergraduate	COMP4930	Thesis Part A	Prerequisite: Enrolment in Bachelor of Science (Honours) program 4515, or 126 units of credit completed in BE Computer Engineering, BE Bioinformatics or Bioinformatics Engineering, or BE (Honours) Software Engineering.	Yes	Yes	Yes
Undergraduate	COMP4931	Thesis Part B	Prerequisite: COMP4930. Excluded: Program 4515.	Yes	Yes	Yes
Undergraduate	COMP4941	Thesis Part B	Prerequisite: COMP4930 and [75 WAM or enrolment in Computer Science Honours]	Yes	Yes	Yes
Undergraduate	COMP6441	Security Engineering	Prerequisite: Completion of 48 UOC	No	Yes	No
Undergraduate	COMP6443	Web Application Security	Prerequisite: COMP6441 or COMP6841 or COMP3441 or COMP9321	No	No	Yes
Undergraduate	COMP6445	Digital Forensics	Prerequisite: COMP3441 or COMP6441 or COMP6841, and COMP3231 or COMP3891	Yes	No	No

Undergraduate	COMP6447	Security Assessment	Prerequisite: A mark of at least 65 in COMP6841, or a mark of at least 75 in COMP6441 or COMP3441.	No	Yes	No
Undergraduate	COMP6714	Info Retrieval and Web Search	Prerequisite: MATH1081 and COMP2041	No	No	Yes
Undergraduate	COMP6733	Internet of Things	Prerequisite: 65 WAM and COMP3331	No	No	Yes
Undergraduate	COMP6741	Parameterized & Exact Comp.	Prerequisite: COMP3121 or COMP3821.	No	No	Yes
Undergraduate	COMP6752	Modelling Concurrent Systems	Prerequisite: COMP2521 or COMP1927	Yes	No	No
Undergraduate	COMP6841	Extended Security Engineering	Prerequisite: Completion of 48 UOC, and COMP1927 or COMP2521	No	Yes	No
Undergraduate	COMP6843	Extended WebApp Security	Prerequisite: COMP6441 or COMP6841 or COMP9321 or COMP9441	No	No	Yes
Undergraduate	COMP6845	Extended Digital Forensics	Prerequisite: COMP3441 or COMP6441 or COMP6841, and COMP3231 or COMP3891	Yes	No	No
Undergraduate	COMP9242	Advanced Operating Systems	Prerequisite: a mark of at least 75 in either COMP3231 or COMP3891.	No	Yes	No
Undergraduate	COMP9243	Distributed Systems	Prerequisite: [COMP3231 or COMP3891] and [COMP3331 or TELE3018].	No	No	Yes
Undergraduate	COMP9315	Database Systems Implementat'n	Prerequisite: COMP1927 or COMP2521, and COMP3311	No	Yes	No

Undergraduate	COMP9318	Data Warehousing & Data Mining	Prerequisite: COMP1927 or COMP2521, and COMP3311	Yes	No	No
Undergraduate	COMP9319	Web Data Compression & Search	Prerequisite: COMP2521 or COMP1927	No	Yes	No
Undergraduate	COMP9321	Web Applications Engineering	Prerequisite: COMP1531 and COMP2041, or (COMP3311, and COMP2911 or COMP2511)	Yes	No	Yes
Undergraduate	COMP9322	Service-Oriented Architectures	Prerequisite: COMP9321.	Yes	Yes	No
Undergraduate	COMP9323	e-Enterprise Project	Corequisite: COMP9322.	No	No	Yes
Undergraduate	COMP9332	Network Routing and Switching	Prerequisite: COMP3331.	No	Yes	No
Undergraduate	COMP9334	Systems Capacity Planning	Prerequisite: COMP1511 or COMP1917 or COMP1921	Yes	No	No
Undergraduate	COMP9417	Machine Learning & Data Mining	Prerequisite: COMP2521 or COMP1927	No	Yes	No
Undergraduate	COMP9418	Advanced Machine Learning	See UNSW Handbook	Yes	No	No
Undergraduate	COMP9444	Neural Networks, Deep Learning	Prerequisite: COMP1927 or COMP2521 or MTRN3500	No	No	Yes
Undergraduate	COMP9447	Security Engineering Workshop	Prerequisite: COMP6441 or COMP6841 or COMP3441	No	No	Yes
Undergraduate	COMP9517	Computer Vision	Prerequisite: COMP2521 or COMP1927	Yes	Yes	No
Undergraduate	COMP9596	Research Project		Yes	Yes	Yes
Undergraduate	COMP9844	Ext Neural Nets, Deep Learning	Prerequisite: COMP2521 or COMP1927 or MTRN3500, and a WAM of at least 70	No	No	Yes
Undergraduate	ENGG1200	Undergraduate Special Projects		No	Yes	No
Undergraduate	ENGG1811	Computing for Engineers		Yes	Yes	Yes

Undergraduate	SENG2011	Software Eng Workshop 2A	Prerequisite: COMP2111.	No	No	Yes
Undergraduate	SENG2021	Software Eng Workshop 2B	Prerequisite: SENG1031 or COMP1531, and enrolment in a BE or BE(Hons) Software Engineering major.	Yes	No	No
Undergraduate	SENG3011	Software Eng Workshop 3	Prerequisite: SENG2021	Yes	No	No
Undergraduate	SENG4920	Ethics and Management	Prerequisite: SENG3011	No	No	Yes