

QUT Units Available Semester 2, 2018

It is important to note some units may require previous study knowledge, please click on “[Information about the Unit](#)” to view the Unit Outline (syllabus). Make sure you read the information in the outline called “[Previous Study Requirements](#)” and check with your advisor to determine whether you have sufficient knowledge or ability to complete these units. (12 credits at QUT is equal to 4 US credits).

Please note that this is not a timetable. As you plan we suggest choosing a selection of units in case times conflict with your ASC requirements, trips or other classes. Offer to some units is subject to viability, and information in the Unit Outlines is subject to change prior to the commencement of the teaching period.

COMPUTER SCIENCE UNITS					
Unit		US credits	Mode	Information about the unit	Faculty
CAB201	Programming Principles	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CAB201	Science and Engineering Faculty
CAB303	Networks	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CAB303	Science and Engineering Faculty
EGB324	Fundamentals in Numerical Modelling for Engineering	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EGB324	Science and Engineering Faculty
IFN503	Fundamentals of Computer Systems	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFN503	Science and Engineering Faculty
IFN507	Network Systems	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFN507	Science and Engineering Faculty
MXB161	Computational Explorations	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=MXB161	Science and Engineering Faculty
MZB151	Mathematical Tools for Computing	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=MZB151	Science and Engineering Faculty
IFB102	Computer Technology Fundamentals	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFB102	Science and Engineering Faculty
IFN643	Computer System Security	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFN643	Science and Engineering Faculty
IFN505	Analysis of Programs	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFN505	Science and Engineering Faculty
CAB403	Systems Programming	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CAB403	Science and Engineering Faculty
IFN691	Gamification and Persuasive Computing	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFN691	Science and Engineering Faculty
CAB401	High Performance and Parallel Computing	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CAB401	Science and Engineering Faculty
CAB441	Network Security	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CAB441	Science and Engineering Faculty
DXB203	Introduction to Web Design	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=DXB203	Creative Industries Faculty
IFB104	Building IT Systems	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFB104	Science and Engineering Faculty
IAB205	Corporate Systems	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IAB205	Science and Engineering Faculty
IAB202	Business of Information Technology	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IAB202	Science and Engineering Faculty
CAB210	People Context and Technology	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CAB210	Science and Engineering Faculty
IFB101	Impact of IT	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFB101	Science and Engineering Faculty
CAB330	Data and Web Analytics	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CAB330	Science and Engineering Faculty
IAB370	Digital Transformation	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IAB370	Science and Engineering Faculty

COMPUTER SCIENCE UNITS (continued)

<i>Unit</i>		<i>US credits</i>	<i>Mode</i>	<i>Information about the unit</i>	<i>Faculty</i>
IFN700	Project Management	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFN700	Science and Engineering Faculty
IFB102	Computer Technology Fundamentals	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFB102	Science and Engineering Faculty
CAB240	Information Security	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CAB240	Science and Engineering Faculty
IFN616	Online Information Services	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFN616	Science and Engineering Faculty
IFN502	IT Innovation and Disruption	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFN502	Science and Engineering Faculty
CAB340	Cryptography	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CAB340	Science and Engineering Faculty
IFN617	Managing and Organising Collections	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFN617	Science and Engineering Faculty
IFB130	Database Management	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFB130	Science and Engineering Faculty
IFN663	Advanced Enterprise Architecture	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFN663	Science and Engineering Faculty
IAB301	Enterprise Architecture	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IAB301	Science and Engineering Faculty
MZB151	Mathematical Tools for Computing	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=MZB151	Science and Engineering Faculty
CAB432	Cloud Computing	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CAB432	Science and Engineering Faculty
EGB339	Introduction to Robotics	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EGB339	Science and Engineering Faculty
IFN680	Advanced Topics in Artificial Intelligence	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=IFN680	Science and Engineering Faculty
CAB202	Microprocessors and Digital Systems	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CAB202	Science and Engineering Faculty
MZB126	Engineering Computation	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=MZB126	Science and Engineering Faculty

ENVIRONMENTAL SCIENCE UNITS

<i>Unit</i>		<i>US credits</i>	<i>Mode</i>	<i>Information about the unit</i>	<i>Faculty</i>
EGH471	Advanced Water Engineering	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EGH471	Science and Engineering Faculty
EVB304	Case Studies in Environmental Science	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EVB304	Science and Engineering Faculty
CVB210	Chemical Measurement Science	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CVB210	Science and Engineering Faculty
CVB102	Chemical Structure and Reactivity	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CVB102	Science and Engineering Faculty
ERB304	Dynamic Earth: Plate Tectonics	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=ERB304	Science and Engineering Faculty
ERB101	Earth Systems	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=ERB101	Science and Engineering Faculty
ERB306	Earth's Mineral Resources	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=ERB306	Science and Engineering Faculty
EVB102	Ecosystems and the Environment	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EVB102	Science and Engineering Faculty
EGB422	Energy Management	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EGB422	Science and Engineering Faculty
EGB313	Energy Optimised Buildings	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EGB313	Science and Engineering Faculty
ERB303	Energy Resources and Basin Analysis	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=ERB303	Science and Engineering Faculty

ENVIRONMENTAL SCIENCE UNITS (continued)

<i>Unit</i>		<i>US credits</i>	<i>Mode</i>	<i>Information about the unit</i>	<i>Faculty</i>
EGB213	Energy Systems Fundamentals	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EGB213	Science and Engineering Faculty
UXH331	Environmental Analysis and Planning	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=UXH331	Science and Engineering Faculty
CVB313	Environmental Analytical Chemistry	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CVB313	Science and Engineering Faculty
EVB302	Environmental Pollution	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EVB302	Science and Engineering Faculty
EGB383	Environmental Resource Management	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EGB383	Science and Engineering Faculty
ERB102	Evolving Earth	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=ERB102	Science and Engineering Faculty
CVB222	Forensic Analysis of Bio-active Compounds	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=CVB222	Science and Engineering Faculty
ERB310	Groundwater Systems	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=ERB310	Science and Engineering Faculty
EGH411	Industrial Chemistry	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EGH411	Science and Engineering Faculty
UXB134	Land Use Planning	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=UXB134	Science and Engineering Faculty
DLB420	Landscape Systems	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=DLB420	Creative Industries Faculty
EVB221	Remote Sensing of the Environment	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EVB221	Science and Engineering Faculty
ERB203	Sedimentary Geology and Stratigraphy	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=ERB203	Science and Engineering Faculty
ENN552	Solar Thermal Systems - Heat and Power	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=ENN552	Science and Engineering Faculty
UXB133	Urban Studies	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=UXB133	Science and Engineering Faculty
EGB377	Water and Waste Water Engineering	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EGB377	Science and Engineering Faculty
BVB321	Invasion Ecology	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=BVB321	Science and Engineering Faculty
BVB204	Ecology	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=BVB204	Science and Engineering Faculty
BVB102	Evolution	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=BVB102	Science and Engineering Faculty
EGB315	Materials Degradation	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=EGB315	Science and Engineering Faculty
SEB104	Grand Challenges in Science	4 Credits	Internal	https://www.qut.edu.au/study/unit?unitCode=SEB104	Science and Engineering Faculty