

BH008 Bachelor of Advanced Computer Science [Honours] International Cybersecurity (MJD-ICYDM)

4 Year Course Study Plan – Commencing Semester 1, 2021

Year 1				
Semester 1, 2021	CITS1001* Software Engineering with Java <i>Prereq: Maths Applications ATAR or MATH1720</i>	ELECTIVE	PHIL1001 Ethics for the Digital Age: An Introduction to Moral Philosophy	ELECTIVE
Semester 2, 2021	CITS2211 Discrete Structures <i>Prereq: Maths Applications ATAR or MATH1721</i> <i>Coreq: at least one L1 unit in computing or maths</i>	CITS1402 Relational Database Management Systems <i>Prereq: Maths Applications ATAR or MATH1720</i>	CITS1003 Introduction to Cybersecurity	POLS1102 Understanding Global Politics
Year 2				
Semester 1, 2022	CITS2200 Data Structures and Algorithms <i>Prereq: CITS1001 and MATH1721</i>	CITS2003 Open Source Tools and Scripting	POLS2214 Foundations of Foreign Policy <i>Prereq: POLS1102</i>	ELECTIVE
Semester 2, 2022	ELECTIVE	CITS2002 Systems Programming <i>Prereq: Maths Methods ATAR or MATH1721</i>	ELECTIVE	CITS3001 Algorithms, Agents and Artificial Intelligence <i>Prereq: CITS2200</i>
Year 3				
Semester 1, 2023	CITS3002 Computer Networks <i>Prereq: CITS2002</i>	CITS3403 Agile Web Development <i>Prereq: CIST1001 or CITS2002</i>	CITS4401 Software Requirements and Design	Any L3 Political Science (POLS) Unit⁺
Semester 2, 2023	CITS3006 Penetration Testing <i>Prereq: 12 points of programming-based units*</i>	CITS3200 Professional Computing <i>Prereq: 12 points from CIST2002 or CITS2200</i>	CITS3007 Secure Coding <i>Prereq: 12 points of programming-based units*</i>	ELECTIVE
Year 4				
Semester 1, 2024	CITS4403 Computational Modelling <i>Prereq: 6 points of programming-based units*</i>	GROUP A OPTION	CITS4010* Computer Science Honours Research Project Part 1	
Semester 2, 2024	GROUP B OPTION	CITS4419 Mobile and Wireless Computing <i>APS: CIST1001 and CITS2002 and CITS3002</i>	CITS4011* Computer Science Honours Research Project Part 2 <i>Prereq: CITS4010</i>	

* unit is available in Semester 1 and Semester 2; *programming-based units are: CITS1001 Software Engineering with Java; CITS1401 Computational Thinking with Python; CITS2002 Systems Programming; CITS2200 Data Structures and Algorithms; and CITS2402 Introduction to Data Science

Note: Electives may be used to complete a minor, noting that any four units completed outside of the double major meets University broadening requirements.

BH008 Bachelor of Advanced Computer Science [Honours] International Cybersecurity (MJD-ICYDM)

4 Year Course Study Plan – Commencing Semester 1, 2021

+Level 3 Political Science (POLS) units are:

POLS3302 South Asia and the Middle East: Foreign Relations and Politics (S1)	POLS3324 Islam and World Politics (NA 2021)
POLS3304 Policy and Diplomacy in Practice (S2)	POLS3334 The International Politics of Africa (NA 2021)
POLS3308 Politics in Greater China (S1)	POLS3335 Social Movements and the Politics of Change (NA 2021)
POLS3313 Australian Foreign Policy (NA 2021)	POLS3342 Global Environmental Politics (S2)

Option Group A Students take units to the value of 6 points from this group	Option Group B Students take units to the value of 6 points from this group
CITS5501 Software Testing and Quality Assurance (S1) <i>Prereq: 12 points of programming-based units*</i>	CITS5016 CIISP Certification (NSTP)
POLS5641 International Security (NSTP: Feb-Apr)	CITS5503 Cloud Computing (S2) <i>Prereq: 12 points of programming-based units*</i>
	PHYS4021 Frontiers in Quantum Computation (S2) <i>Prereq: MATH1012 or equivalent or higher</i>

The Rules for the Bachelor of Advanced Computer Science [Honours] can be found at: [TBC when handbook goes live](#)

All units have a value of six points unless otherwise stated.

Information about unit availability should be checked at the beginning of each semester and can be found at: timetable.uwa.edu.au or [Handbooks](#).

Further Help!

Refer to the UniStart website for your step-by-step guide on planning your enrolment: uwa.edu.au/unistart. If you need to discuss your study plan further, please contact the EMS Student Service and Engagement Office: enquiries-ems@uwa.edu.au