

2020 Study Plan Template

Bachelor of Information Technology (Digital Health Systems) (Honours) – 4 years

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 144 units of study according to the official course rule available at <https://students.flinders.edu.au/my-course/course-rules/undergrad/bitdhsh>

Students are responsible for planning their Core, Option and Table C topics ahead to ensure they meet the topic prerequisites.

A list of all topics, including topic prerequisite information and alternate study period availabilities, is available at [Topics 2020](#).

Semester 1, 2020 start:

Year 1	S1	COMP1001 Fundamentals of Computing (4.5 units)	COMP1712 Software Engineering Principles and Practice (4.5 units)	HLTH1305 Australian Healthcare Systems(s): Concepts and Controversies (4.5 units)	ENGR1401 Professional Skills (4.5 units) OR HLTH1304 Interpersonal and Interprofessional Communication (4.5 units)
	S2	COMP1711 Database Modelling and Knowledge Engineering (4.5 units)	ENGR1762 Networks and Cybersecurity (4.5 units)	HLTH1306 Contemporary Health Issues in Australia (4.5 units)	COMP1102 Computer Programming 1 (4.5 units)
Year 2	S1	ENGR2881 Computer Networks (4.5 units)	HLTH2101 Critical Social Analysis of Health (4.5 units)	COMP2711 Computer Programming 2 (4.5 units) OR COMP2741 Application Development	INNO1001 (4.5 units) OR Topic from TABLE C (4.5 units)
	S2	COMP2772 Web-based Systems Development (4.5 units)	COMP2812 Operating Systems (4.5 units)	HLTH1003 Legal and Ethical Aspects of Health Care (4.5 units)	STAT1122 Biostatistics (4.5 units)
Year 3	S1	COMP3732 Enterprise Cloud Systems (4.5 units)	COMP3751 Interactive Computer Systems (4.5 units)	TABLE C Topic (4.5 units)	TABLE D Topic** (4.5 units)
	NS2	ENGR3704 Project Management for Engineering and Science (4.5 units)			

	S2	TABLE D Topic** (4.5 units)	COMP3782 Information Technology Project (4.5 units) AND TABLE C Topic (4.5 units) <i>OR</i> COMP3792 Information Technology Practicum* (9 units) AND ENGR3750 Workplace preparation (0 units)		
Year 4	S1	COMP7700A Honours Thesis (4.5 units)	COMP7700B Honours Thesis (4.5 units)	COMP7700C Honours Thesis (4.5 units)	Year 4 Option Topic as listed below*** (4.5units)
	S2	COMP7700D Honours Thesis (4.5 units)	COMP7700E Honours Thesis (4.5 units)	STEM7001 Honours Research Methods (4.5 units)	TABLE D Topic** (4.5 units) at Level 7000 or above

Semester 2, 2020 start:

Year 1	S2	COMP1711 Database Modelling and Knowledge Engineering (4.5 units)	ENGR1762 Networks and Cybersecurity (4.5 units)	HLTH1306 Contemporary Health Issues in Australia (4.5 units)	COMP1102 Computer Programming 1 (4.5 units)
	S1	COMP1001 Fundamentals of Computing (4.5 units)	COMP1712 Software Engineering Principles and Practice (4.5 units)	HLTH1305 Australian Healthcare Systems(s): Concepts and Controversies (4.5 units)	ENGR1401 Professional Skills (4.5 units) OR HLTH1304 Interpersonal and Interprofessional Communication (4.5 units)
Year 2	S2	COMP2772 Web-based Systems Development (4.5 units)	COMP2812 Operating Systems (4.5 units)	HLTH1003 Legal and Ethical Aspects of Health Care (4.5 units)	STAT1122 Biostatistics (4.5 units)
	S1	ENGR2881 Computer Networks (4.5 units)	HLTH2101 Critical Social Analysis of Health (4.5 units)	COMP2711 Computer Programming 2 (4.5 units) OR COMP2741 Application Development)	INNO1001 (4.5 units) OR Topic from TABLE C (4.5 units)
Year 3	NS2	ENGR3704 Project Management for Engineering and Science (4.5 units)			
	S2	TABLE D Topic** (4.5 units)	COMP3782 Information Technology Project (4.5 units) AND TABLE C Topic (4.5 units) <i>OR</i> COMP3792 Information Technology Practicum* (9 units) AND ENGR3750 Workplace preparation (0 units)		
	S1	COMP3732 Enterprise Cloud Systems (4.5 units)	COMP3751 Interactive Computer Systems (4.5 units)	TABLE C Topic (4.5 units)	TABLE D Topic** (4.5 units)
Year 4	S2	COMP7700A Honours Thesis (4.5 units)	COMP7700B Honours Thesis (4.5 units)	STEM7001 Honours Research Methods (4.5 units)	TABLE D Topic** (4.5 units) at Level 7000 or above

	S1	COMP7700C Honours Thesis (4.5 units)	COMP7700D Honours Thesis (4.5 units)	COMP7700E Honours Thesis (4.5 units)	Year 4 Option Topic as listed below*** (4.5units)
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Key:	
Core Topic	Compulsory topic
Option Topic	A choice from a list of specified topics (see study plan or below)
Table C Topic	A choice from topics listed in Table C (http://www.flinders.edu.au/courses/rules/undergrad/se_elec/table-c.cfm)
Table D Topic	These topics are being developed

**** Table D - Digital Health Topics**

These are being developed but will include topics that cover:

Decision Support Systems in Medicine
 Electronic Medical Records Management
 Health Analytics
 Health Informatics
 Health Information Systems
 Health Systems Security
 Public Policy and Financing Medicine in Australia
 Telemedicine Technology
 other HISA topics
 other HIMAA topics

Year 4 Option topic *Select one of:**

COMP7701 Advanced Enterprise Security (4.5 units)
 COMP7707 Advanced Data Mining (4.5 units)
 COMP7716 Information Retrieval and Language Technology (4.5 units)
 ENGR9742 Standards, Ethics and Compliance (4.5 units)
 Or another topics approved by the Course Coordinator, that is appropriated to the student's programs.