Bachelor of Information Technology

Suggested Study Plan for Semester 1 Start (BInfTech)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

No Major or Minor

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Extension Courses**

Y1	**S1**	**CSSE1001** Introduction to Software Engineering 1+2	**DECO1100** Design Thinking	**DECO1400** Introduction to Web Design	**MATH1061** Discrete Mathematics 1+2
	S2	**DECO1800** Design Computing Studio 1: Interactive Technology	**INFS1200** Introduction to Information Systems 1+2		
Y2	**S1**	**DECO2500** Human-Computer Interaction 1+2			
	S2	**COMP2140** Web & Mobile Programming	**DECO2800** Design Computing Studio 2: Testing & Evaluation		
Y3	**S1**	**DECO3800** Design Computing Studio 3: Propose			
	S2	**DECO3801** Design Computing Studio 3: Build			

2 **You must choose at least 5 courses (10 units) from the "Advanced Elective Courses" section of the BInfTech program rules & requirements.**
At least 2 courses (4 units) of those must be at Level 3 (e.g. CSSE3xxx).

Fill the remaining free slots with **Program Electives** or **General Electives** from the BInfTech program rules & requirements.

Note: Of the 48 units required for the program, you must complete at least 8 units of courses at Level 3 or higher and no more than 24 units at Level 1.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Information Technology

Suggested Study Plan for Semester 1 Start (BInfTech)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Minor in Computer Systems

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Extension Courses** **Minor Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**DECO1100** Design Thinking	**DECO1400** Introduction to Web Design	**MATH1061** Discrete Mathematics 1+2
	S2	**DECO1800** Design Computing Studio 1: Interactive Technology	**INFS1200** Introduction to Information Systems 1+2		
Y2	S1	**DECO2500** Human-Computer Interaction 1+2	**CSSE2010** Introduction to Computer Systems 1+2		
	S2	**COMP2140** Web & Mobile Programming	**DECO2800** Design Computing Studio 2: Testing & Evaluation	**CSSE2310** Computer Systems Principles and Programming 1+2	
Y3	S1	**DECO3800** Design Computing Studio 3: Propose			
	S2	**DECO3801** Design Computing Studio 3: Build			

2 Choose **2** remaining **Minor Courses** for some free slots, accounting for prerequisites:

S1	COMS3200	
S2	COMP3301	CYBR3000

3 **You must choose at least 2 courses (4 units) from the "Advanced Elective Courses" section of the BInfTech program rules & requirements.**

Fill the remaining free slots with **Program Electives** or **General Electives** from the BInfTech program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Information Technology

Suggested Study Plan for Semester 1 Start (BInfTech)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Software Design

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Major Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**DECO1100** Design Thinking	**DECO1400** Introduction to Web Design	**MATH1061** Discrete Mathematics 1+2
	S2	**DECO1800** Design Computing Studio 1: Interactive Technology	**INFS1200** Introduction to Information Systems 1+2		
Y2	S1	**CSSE2002** Programming in the Large 1+2	**DECO2500** Human-Computer Interaction 1+2		
	S2	**COMP2140** Web & Mobile Programming	**DECO2800** Design Computing Studio 2: Testing & Evaluation	**COMP3506** Algorithms & Data Structures	
Y3	S1	**CSSE3012** The Software Process	**DECO3800** Design Computing Studio 3: Propose		
	S2	**DECO3801** Design Computing Studio 3: Build			

2 Choose **2** remaining **Major Courses** for some free slots, accounting for prerequisites:

S1	**COMP2048** **COMP3400**	**CSSE2010** **CSSE2310**	**CSSE3100**
S2	**COMP3702** **CYBR3000**	**CSSE2010** **CSSE2310**	**DECO3500**

3 Fill the remaining free slots with **Program Electives** or **General Electives** from the BInfTech program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Information Technology

Suggested Study Plan for Semester 1 Start (BInfTech)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Software Information Systems

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Major Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**DECO1100** Design Thinking	**DECO1400** Introduction to Web Design	**MATH1061** Discrete Mathematics 1+2
	S2	**DECO1800** Design Computing Studio 1: Interactive Technology	**INFS1200** Introduction to Information Systems 1+2		
Y2	S1	**DECO2500** Human-Computer Interaction 1+2			
	S2	**COMP2140** Web & Mobile Programming	**DECO2800** Design Computing Studio 2: Testing & Evaluation	**INFS2200** Relational Database Systems	
Y3	S1	**DECO3800** Design Computing Studio 3: Propose			
	S2	**DECO3801** Design Computing Studio 3: Build			

2 Choose **4** remaining **Major Courses** for some free slots, accounting for prerequisites:

S1	**BISM3222**	**INFS3200**	**INFS3202**
S2	**INFS3200**	**INFS3208**	**DATA2001**

3 Fill the remaining free slots with **Program Electives** or **General Electives** from the BInfTech program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Information Technology

Suggested Study Plan for Semester 1 Start (BInfTech)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in User Experience Design

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Major Courses**

Y1	**S1**	**CSSE1001** Introduction to Software Engineering 1+2	**DECO1100** Design Thinking	**DECO1400** Introduction to Web Design	**MATH1061** Discrete Mathematics 1+2
	S2	**DECO1800** Design Computing Studio 1: Interactive Technology	**INFS1200** Introduction to Information Systems 1+2		
Y2	**S1**	**DECO2200** Graphic Design	**DECO2500** Human-Computer Interaction 1+2		
	S2	**COMP2140** Web & Mobile Programming	**DECO2800** Design Computing Studio 2: Testing & Evaluation	**DECO2300** Digital Prototyping	
Y3	**S1**	**DECO3800** Design Computing Studio 3: Propose	**DECO3850** Physical Computing & Interaction Design Studio		
	S2	**DECO3500** Social & Mobile Computing	**DECO3801** Design Computing Studio 3: Build		

2 Note, there are no remaining **Major Courses** for this major. Go to Step 3.

S1	–	–	–
S2	–	–	–

3 Fill the remaining free slots with **Program Electives** or **General Electives** from the BInfTech program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Information Technology

Suggested Study Plan for Semester 1 Start (BInfTech)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Software Design + Minor in Computer Systems

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Major Courses** **Minor Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**DECO1100** Design Thinking	**DECO1400** Introduction to Web Design	**MATH1061** Discrete Mathematics 1+2
	S2	**DECO1800** Design Computing Studio 1: Interactive Technology	**INFS1200** Introduction to Information Systems 1+2		
Y2	S1	**CSSE2002** Programming in the Large 1+2	**DECO2500** Human-Computer Interaction 1+2	**CSSE2010** Introduction to Computer Systems 1+2	
	S2	**COMP2140** Web & Mobile Programming	**DECO2800** Design Computing Studio 2: Testing & Evaluation	**COMP3506** Algorithms & Data Structures	**CSSE2310** Computer Systems Principles and Programming 1+2
Y3	S1	**CSSE3012** The Software Process	**DECO3800** Design Computing Studio 3: Propose		
	S2	**DECO3801** Design Computing Studio 3: Build			

2 Choose **2** remaining **Major Courses** for some free slots, accounting for prerequisites:

S1	COMP2048	COMP3400	CSSE3100
S2	COMP3702	CYBR3000	DECO3500

3 Choose **2** remaining **Minor Courses** for some free slots, accounting for prerequisites:

S1	COMS3200	
S2	COMP3301	CYBR3000

4 Fill the remaining free slots with **Program Electives** or **General Electives** from the BInfTech program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Information Technology

Suggested Study Plan for Semester 1 Start (BInfTech)

The University Of Queensland
AUSTRALIA

Major in Software Information Systems + **Minor in Computer Systems**

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Major Courses** **Minor Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**DECO1100** Design Thinking	**DECO1400** Introduction to Web Design	**MATH1061** Discrete Mathematics 1+2
	S2	**DECO1800** Design Computing Studio 1: Interactive Technology	**INFS1200** Introduction to Information Systems 1+2		
Y2	S1	**DECO2500** Human-Computer Interaction 1+2	**CSSE2010** Introduction to Computer Systems 1+2		
	S2	**COMP2140** Web & Mobile Programming	**DECO2800** Design Computing Studio 2: Testing & Evaluation	**INFS2200** Relational Database Systems	**CSSE2310** Computer Systems Principles and Programming 1+2
Y3	S1	**DECO3800** Design Computing Studio 3: Propose			
	S2	**DECO3801** Design Computing Studio 3: Build			

2 Choose **4** remaining **Major Courses** for some free slots, accounting for prerequisites:

S1	BISM3222	INFS3200	INFS3202
S2	INFS3200	INFS3208	DATA2001

3 Choose **2** remaining **Minor Courses** for some free slots, accounting for prerequisites:

S1	COMS3200	
S2	COMP3301	CYBR3000

4 Fill the remaining free slots with **Program Electives** or **General Electives** from the BInfTech program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Information Technology

Suggested Study Plan for Semester 1 Start (BInfTech)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in User Experience Design + **Minor in Computer Systems**

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Major Courses** **Minor Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering	**DECO1100** Design Thinking	**DECO1400** Introduction to Web Design	**MATH1061** Discrete Mathematics 1+2
	S2	**DECO1800** Design Computing Studio 1: Interactive Technology	**INFS1200** Introduction to Information Systems 1+2		
Y2	S1	**DECO2200** Graphic Design	**DECO2500** Human-Computer Interaction 1+2	**CSSE2010** Introduction to Computer Systems 1+2	
	S2	**COMP2140** Web & Mobile Programming	**DECO2800** Design Computing Studio 2: Testing & Evaluation	**DECO2300** Digital Prototyping	**CSSE2310** Computer Systems Principles and Programming 1+2
Y3	S1	**DECO3800** Design Computing Studio 3: Propose	**DECO3850** Physical Computing & Interaction Design Studio		
	S2	**DECO3500** Social & Mobile Computing	**DECO3801** Design Computing Studio 3: Build		

2 Note, there are no remaining **Major Courses** for this major. Go to Step 3.

S1	–	–	–
S2	–	–	–

3 Choose **2** remaining **Minor Courses** for some free slots, accounting for prerequisites:

S1	COMS3200	
S2	COMP3301	CYBR3000

4 Fill the remaining free slots with **Program Electives** or **General Electives** from the BInfTech program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Information Technology

Suggested Study Plan for Semester 1 Start (BInfTech)

The University Of Queensland
AUSTRALIA

Major in Software Design + **Major in Software Information Systems**

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	**S1**	**CSSE1001** 1+2 Introduction to Software Engineering	**DECO1100** Design Thinking	**DECO1400** Introduction to Web Design	**MATH1061** 1+2 Discrete Mathematics
	S2	**DECO1800** Design Computing Studio 1: Interactive Technology	**INFS1200** 1+2 Introduction to Information Systems		
Y2	**S1**	**CSSE2002** 1+2 Programming in the Large	**DECO2500** 1+2 Human-Computer Interaction		
	S2	**COMP2140** Web & Mobile Programming	**DECO2800** Design Computing Studio 2: Testing & Evaluation	**COMP3506** Algorithms & Data Structures	**INFS2200** Relational Database Systems
Y3	**S1**	**CSSE3012** The Software Process	**DECO3800** Design Computing Studio 3: Propose		
	S2	**DECO3801** Design Computing Studio 3: Build			

2 Choose **2** remaining **Primary Major Courses** for some free slots, accounting for prerequisites:

S1	**COMP2048** **COMP3400**	**CSSE2010** **CSSE2310**	**CSSE3100**
S2	**COMP3702** **CYBR3000**	**CSSE2010** **CSSE2310**	**DECO3500**

3 Choose **4** remaining **Secondary Major Courses** for some free slots, accounting for prerequisites:

S1	**BISM3222**	**INFS3200**	**INFS3202**
S2	**INFS3200**	**INFS3208**	**DATA2001**

4 Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **DECO3800** (Level 3) and **DECO3801** (Level 3) — from the BInfTech program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Friday, 15 July 2022

Bachelor of Information Technology

Suggested Study Plan for Semester 1 Start (BInfTech)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Software Design + Major in User Experience Design

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	**S1**	**CSSE1001** 1+2 Introduction to Software Engineering	**DECO1100** Design Thinking	**DECO1400** Introduction to Web Design	**MATH1061** 1+2 Discrete Mathematics
	S2	**DECO1800** Design Computing Studio 1: Interactive Technology	**INFS1200** 1+2 Introduction to Information Systems		
Y2	**S1**	**CSSE2002** 1+2 Programming in the Large	**DECO2500** 1+2 Human-Computer Interaction	**DECO2200** Graphic Design	
	S2	**COMP2140** Web & Mobile Programming	**DECO2800** Design Computing Studio 2: Testing & Evaluation	**COMP3506** Algorithms & Data Structures	**DECO2300** Digital Prototyping
Y3	**S1**	**CSSE3012** The Software Process	**DECO3800** Design Computing Studio 3: Propose	**DECO3850** Physical Computing & Interaction Design Studio	
	S2	**DECO3801** Design Computing Studio 3: Build	**DECO3500** Social & Mobile Computing		

2 Choose **2** remaining **Primary Major Courses** for some free slots, accounting for prerequisites:

S1	**COMP2048** **COMP3400**	**CSSE2010** **CSSE2310**	**CSSE3100**
S2	**COMP3702** **CYBR3000**	**CSSE2010** **CSSE2310**	**DECO3500**

3 Note, there are no remaining **Secondary Major Courses** for this major. Go to Step 4.

S1	–	–	–
S2	–	–	–

4 Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **DECO3800** (Level 3) and **DECO3801** (Level 3) — from the BInfTech program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Friday, 15 July 2022

Bachelor of Information Technology

Suggested Study Plan for Semester 1 Start (BInfTech)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Software Information Systems + **Major in User Experience Design**

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	**S1**	**CSSE1001** Introduction to Software Engineering 1+2	**DECO1100** Design Thinking	**DECO1400** Introduction to Web Design	**MATH1061** Discrete Mathematics 1+2
	S2	**DECO1800** Design Computing Studio 1: Interactive Technology	**INFS1200** Introduction to Information Systems 1+2		
Y2	**S1**	**DECO2500** Human-Computer Interaction 1+2	**DECO2200** Graphic Design		
	S2	**COMP2140** Web & Mobile Programming	**DECO2800** Design Computing Studio 2: Testing & Evaluation	**INFS2200** Relational Database Systems	**DECO2300** Digital Prototyping
Y3	**S1**	**DECO3800** Design Computing Studio 3: Propose	**DECO3850** Physical Computing & Interaction Design Studio		
	S2	**DECO3801** Design Computing Studio 3: Build	**DECO3500** Social & Mobile Computing		

2 Choose **4** remaining **Primary Major Courses** for some free slots, accounting for prerequisites:

S1	BISM3222	INFS3200	INFS3202
S2	INFS3200	INFS3208	DATA2001

3 Note, there are no remaining **Secondary Major Courses** for this major. Go to Step 4.

S1	–	–	–
S2	–	–	–

4 Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **DECO3800** (Level 3) and **DECO3801** (Level 3) — from the BInfTech program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Friday, 15 July 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

The University Of Queensland
AUSTRALIA

Study Plan for .....

Valid from 2021

1 Major Combination: .....

Y1	S1				
	S2				
Y2	S1				
	S2				
Y3	S1				
	S2				

2 Note: of the 48 units required for the program, you must complete at least 8 units of courses at Level 3 or higher and no more than 24 units at Level 1.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

No Major or Extended Major

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Extension Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	
	S2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2	
Y2	S1	**COMP2048** Theory of Computing			
	S2	**COMP3506** Algorithms & Data Structures			
Y3	S1				
	S2	**DECO3801** Design Computing Studio 3: Build			

2 **You must choose at least 4 courses (8 units) from the "Introductory Elective Courses" section and at least 3 courses (6 units) from the "Advanced Elective Courses" section of the program rules & requirements.**

Fill the remaining free slots with **Program Electives** or **General Electives** from the BCompSc program rules & requirements.

Note: of the 48 units required for the program, students must complete at least 8 units of courses at Level 3 or higher and no more than 24 units at Level 1.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Cyber Security

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Major Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	
	S2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2	
Y2	S1	**COMP2048** Theory of Computing	**CSSE2310** Computer Systems Principles & Programming 1+2		
	S2	**COMP3506** Algorithms & Data Structures	**CYBR3000** Information Security		
Y3	S1	**COMP3320** Vulnerability Assessment and Penetration Testing	**COMS3200** Computer Networks I		
	S2	**COMP3301** Operating Systems Architecture	**DECO3801** Design Computing Studio 3: Build		

2 Choose **2** remaining **Major Courses** for some free slots, accounting for prerequisites:

S1	**CRIM1000**	**DECO2500**	
S2	**CRIM1000**	**DECO2500**	**INFS2200**

3 Fill the remaining free slots with **Program Electives** or **General Electives** from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Data Science

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Major Courses**

Y1	**S1**	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	**MATH1051** Calculus & Linear Algebra Or **MATH1071** 1+2
	S2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2	
Y2	**S1**	**COMP2048** Theory of Computing	**STAT2003** Mathematical Probability		
	S2	**COMP3506** Algorithms & Data Structures	**DATA2001** Introduction to Data Science	**INFS2200** Relational Database Systems	**STAT2004** Statistical Modelling & Analysis
Y3	**S1**	**COMP4702** Machine Learning	**INFS3200** Advanced Database Systems 1+2		
	S2	**DECO3801** Design Computing Studio 3: Build			

2 Note, there are no remaining **Major Courses** for this major. Go to Step 3.

S1	–	–	–
S2	–	–	–

3 Fill the remaining free slots with **Program Electives** or **General Electives** from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Machine Learning

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Major Courses**

Y1	**S1**	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	**MATH1051** Calculus & Linear Algebra Or **MATH1071** 1+2
	S2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2	**MATH1052** Multivariate Calculus & Ordinary Differential Equations Or **MATH1072** 1+2
Y2	**S1**	**COMP2048** Theory of Computing			
	S2	**COMP3506** Algorithms & Data Structures	**COMP3702** Artificial Intelligence	**MATH2302** Discrete Mathematics II	
Y3	**S1**	**COMP4702** Machine Learning			
	S2	**COMP3710** Pattern Recognition and Analysis	**DECO3801** Design Computing Studio 3: Build	**STAT3006** Statistical Learning	

2 Note, there are no remaining **Major Courses** for this major. Go to Step 3.

S1	–	–	–
S2	–	–	–

3 Fill the remaining free slots with **Program Electives** or **General Electives** from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Programming Languages

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Major Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	
	S2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2	
Y2	S1	**COMP2048** Theory of Computing	**CSSE2310** Computer Systems Principles & Programming 1+2	**DECO1400** Introduction to Web Design	
	S2	**COMP3506** Algorithms & Data Structures	**COMP2140** Web & Mobile Programming		
Y3	S1	**COMP3400** Functional & Logic Programming	**COMP4403** Compilers and Interpreters	**CSSE3100** Reasoning About Programs	
	S2	**DECO3801** Design Computing Studio 3: Build			

2 Choose **1** remaining **Major Course** for a free slot, accounting for prerequisites:

S1	**DECO2500**	
S2	**DECO2500**	**INFS2200**

3 Fill the remaining free slots with **Program Electives** or **General Electives** from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Scientific Computing

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Major Courses**

Y1	S1	**CSSE1001** 1+2 Introduction to Software Engineering	**INFS1200** 1+2 Introduction to Information Systems	**MATH1061** 1+2 Discrete Mathematics	**MATH1051** 1+2 Calculus & Linear Algebra Or **MATH1071**
	S2	**CSSE2002** 1+2 Programming in the Large	**CSSE2010** 1+2 Introduction to Computer Systems	**STAT1201** 1+2 Analysis of Scientific Data Or **STAT1301**	**MATH1052** 1+2 Multivariate Calculus & Ordinary Differential Equations Or **MATH1072**
Y2	S1	**COMP2048** Theory of Computing	**SCIE2100** Bioinformatics 1: Introduction		
	S2	**COMP3506** Algorithms & Data Structures	**COSC2500** Numerical Methods in Computational Science	**INFS2200** Relational Database Systems	
Y3	S1	**COSC3000** Visualization, Computer Graphics & Data Analysis			
	S2	**COSC3500** High-Performance Computing	**DECO3801** Design Computing Studio 3: Build		

2 Note, there are no remaining **Major Courses** for this major. Go to Step 3.

S1	–	–	–
S2	–	–	–

3 Fill the remaining free slots with **Program Electives** or **General Electives** from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Extended Major in Data Science

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Major Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	**MATH1051** Calculus & Linear Algebra Or **MATH1071** 1+2
	S2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2	
Y2	S1	**COMP2048** Theory of Computing	**STAT2003** Mathematical Probability		
	S2	**COMP3506** Algorithms & Data Structures	**DATA2001** Introduction to Data Science	**INFS2200** Relational Database Systems	**STAT2004** Statistical Modelling & Analysis
Y3	S1	**COMP4702** Machine Learning	**INFS3200** Advanced Database Systems 1+2	**INFS4205** Advanced Techniques for High Dimensional Data	
	S2	**COMP3702** Artificial Intelligence	**DECO3801** Design Computing Studio 3: Build	**INFS4203** Data Mining	**INFS3208** Cloud Computing

2 Note, there are no remaining **Major Courses** for this major. Go to Step 3.

S1	–	–	–
S2	–	–	–

3 Fill the remaining free slots with **Program Electives** or **General Electives** from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Tuesday, 8 March 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Cyber Security + **Major in Data Science**

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering	**INFS1200** Introduction to Information Systems	**MATH1061** Discrete Mathematics	**MATH1051** Calculus & Linear Algebra Or **MATH1071**
	S2	**CSSE2002** Programming in the Large	**CSSE2010** Introduction to Computer Systems	**STAT1201** Analysis of Scientific Data Or **STAT1301**	**CRIM1000** Introduction to Criminology
Y2	S1	**COMP2048** Theory of Computing	**CSSE2310** Computer Systems Principles & Programming	**STAT2003** Mathematical Probability	**DECO2500** Human-Computer Interaction
	S2	**COMP3506** Algorithms & Data Structures	**CYBR3000** Information Security	**DATA2001** Introduction to Data Science	**INFS2200** Relational Database Systems
Y3	S1	**COMP3320** Vulnerability Assessment and Penetration Testing	**COMS3200** Computer Networks I	**COMP4702** Machine Learning	**INFS3200** Advanced Database Systems
	S2	**COMP3301** Operating Systems Architecture	**DECO3801** Design Computing Studio 3: Build	**STAT2004** Statistical Modelling & Analysis	

2 Note, there are no remaining **Primary Major Courses** for this major. Go to Step 3.

S1	–	–	–
S2	–	–	–

3 Note, there are no remaining **Secondary Major Courses** for this major. Go to Step 4.

S1	–	–	–
S2	–	–	–

4 Fill the remaining free slot with a same-level or higher **Program Elective** replacing the course shared between majors — **DECO3801** (Level 3) — from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Friday, 15 July 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Cyber Security + Major in Machine Learning

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	**MATH1051** Calculus & Linear Algebra Or **MATH1071** 1+2
	S2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2	**MATH1052** Multivariate Calculus & Ordinary Differential Equations Or **MATH1072** 1+2
Y2	S1	**COMP2048** Theory of Computing	**CSSE2310** Computer Systems Principles & Programming 1+2		
	S2	**COMP3506** Algorithms & Data Structures	**CYBR3000** Information Security	**COMP3702** Artificial Intelligence	**MATH2302** Discrete Mathematics II
Y3	S1	**COMP3320** Vulnerability Assessment and Penetration Testing	**COMS3200** Computer Networks I	**COMP4702** Machine Learning	
	S2	**COMP3301** Operating Systems Architecture	**DECO3801** Design Computing Studio 3: Build	**COMP3710** Pattern Recognition and Analysis	**STAT3006** Statistical Learning

2 Choose **2** remaining **Primary Major Courses** for some free slots, accounting for prerequisites:

S1	**CRIM1000**	**DECO2500**	
S2	**CRIM1000**	**DECO2500**	**INFS2200**

3 Note, there are no remaining **Secondary Major Courses** for this major. Go to Step 4.

S1	–	–	–
S2	–	–	–

4 Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **DECO3801** (Level 3) — from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Friday, 15 July 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Cyber Security + **Major in Programming Languages**

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	**DECO1400** Introduction to Web Design
	S2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2	
Y2	S1	**COMP2048** Theory of Computing	**CSSE2310** Computer Systems Principles & Programming 1+2	**CSSE3100** Reasoning About Programs	
	S2	**COMP3506** Algorithms & Data Structures	**CYBR3000** Information Security	**COMP2140** Web & Mobile Programming	
Y3	S1	**COMP3320** Vulnerability Assessment and Penetration Testing	**COMS3200** Computer Networks I	**COMP3400** Functional & Logic Programming	**COMP4403** Compilers and Interpreters
	S2	**COMP3301** Operating Systems Architecture	**DECO3801** Design Computing Studio 3: Build		

2 Choose **2** remaining **Primary Major Courses** for some free slots, accounting for prerequisites:

S1	**CRIM1000**	**DECO2500**	
S2	**CRIM1000**	**DECO2500**	**INFS2200**

3 Choose **1** remaining **Secondary Major Course** for a free slot, accounting for prerequisites:

S1	**DECO2500**	
S2	**DECO2500**	**INFS2200**

4 Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **CSSE2310** (Level 2) and **DECO3801** (Level 3) — from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Friday, 15 July 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Cyber Security + **Major in Scientific Computing**

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	**S1**	**CSSE1001** 1+2 Introduction to Software Engineering	**INFS1200** 1+2 Introduction to Information Systems	**MATH1061** 1+2 Discrete Mathematics	**MATH1051** 1+2 Calculus & Linear Algebra Or **MATH1071**
	S2	**CSSE2002** 1+2 Programming in the Large	**CSSE2010** 1+2 Introduction to Computer Systems	**STAT1201** 1+2 Analysis of Scientific Data Or **STAT1301**	**MATH1052** 1+2 Multivariate Calculus & Ordinary Differential Equations Or **MATH1072**
Y2	**S1**	**COMP2048** Theory of Computing	**CSSE2310** 1+2 Computer Systems Principles & Programming	**SCIE2100** Bioinformatics 1: Introduction	
	S2	**COMP3506** Algorithms & Data Structures	**CYBR3000** Information Security	**COSC2500** Numerical Methods in Computational Science	**INFS2200** Relational Database Systems
Y3	**S1**	**COMP3320** Vulnerability Assessment and Penetration Testing	**COMS3200** Computer Networks I	**COSC3000** Visualization, Computer Graphics & Data Analysis	
	S2	**COMP3301** Operating Systems Architecture	**DECO3801** Design Computing Studio 3: Build	**COSC3500** High-Performance Computing	

2 Choose **2** remaining **Primary Major Courses** for some free slots, accounting for prerequisites:

S1	**CRIM1000**	**DECO2500**	
S2	**CRIM1000**	**DECO2500**	**INFS2200**

3 Note, there are no remaining **Secondary Major Courses** for this major. Go to Step 4.

S1	–	–	–
S2	–	–	–

4 Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **DECO3801** (Level 3) — from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Friday, 15 July 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Data Science + Major in Machine Learning

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	**MATH1051** Calculus & Linear Algebra Or **MATH1071** 1+2
	S2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2	**MATH2302** Discrete Mathematics II
Y2	S1	**COMP2048** Theory of Computing	**STAT2003** Mathematical Probability	**MATH1052** Multivariate Calculus & Ordinary Differential Equations 1+2	
	S2	**COMP3506** Algorithms & Data Structures	**DATA2001** Introduction to Data Science	**INFS2200** Relational Database Systems	**STAT2004** Statistical Modelling & Analysis
Y3	S1	**COMP4702** Machine Learning	**INFS3200** Advanced Database Systems 1+2		
	S2	**DECO3801** Design Computing Studio 3: Build	**COMP3702** Artificial Intelligence	**COMP3710** Pattern Recognition and Analysis	**STAT3006** Statistical Learning

2 Note, there are no remaining **Primary Major Courses** for this major. Go to Step 3.

S1	–	–	–
S2	–	–	–

3 Note, there are no remaining **Secondary Major Courses** for this major. Go to Step 4.

S1	–	–	–
S2	–	–	–

4 Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **MATH1051** (Level 1), **COMP4702** (Level 4) and **DECO3801** (Level 3) — from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Friday, 15 July 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Data Science + **Major in Programming Languages**

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering	**INFS1200** Introduction to Information Systems	**MATH1061** Discrete Mathematics	**MATH1051** Calculus & Linear Algebra Or **MATH1071**
	S2	**CSSE2002** Programming in the Large	**CSSE2010** Introduction to Computer Systems	**STAT1201** Analysis of Scientific Data Or **STAT1301**	
Y2	S1	**COMP2048** Theory of Computing	**STAT2003** Mathematical Probability	**CSSE2310** Computer Systems Principles & Programming	**DECO1400** Introduction to Web Design
	S2	**COMP3506** Algorithms & Data Structures	**INFS2200** Relational Database Systems	**DATA2001** Introduction to Data Science	**COMP2140** Web & Mobile Programming
Y3	S1	**COMP4702** Machine Learning	**COMP3400** Functional & Logic Programming	**COMP4403** Compilers and Interpreters	**CSSE3100** Reasoning About Programs
	S2	**DECO3801** Design Computing Studio 3: Build	**INFS3200** Advanced Database Systems	**STAT2004** Statistical Modelling & Analysis	

2 Note, there are no remaining **Primary Major Courses** for this major. Go to Step 3.

S1	–	–	–
S2	–	–	–

3 Choose **1** remaining **Secondary Major Course** for a free slot, accounting for prerequisites:

S1	**DECO2500**	
S2	**DECO2500**	**INFS2200**

4 Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **DECO3801** (Level 3) — from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Friday, 15 July 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Data Science + Major in Scientific Computing

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	**MATH1051** Calculus & Linear Algebra Or **MATH1071** 1+2
	S2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2	
Y2	S1	**COMP2048** Theory of Computing	**STAT2003** Mathematical Probability	**MATH1052** Multivariate Calculus & Ordinary Differential Equations 1+2	**SCIE2100** Bioinformatics 1: Introduction
	S2	**COMP3506** Algorithms & Data Structures	**INFS2200** Relational Database Systems	**DATA2001** Introduction to Data Science	**COSC2500** Numerical Methods in Computational Science
Y3	S1	**COMP4702** Machine Learning	**INFS3200** Advanced Database Systems 1+2	**COSC3000** Visualization, Computer Graphics & Data Analysis	
	S2	**DECO3801** Design Computing Studio 3: Build	**STAT2004** Statistical Modelling & Analysis	**COSC3500** High-Performance Computing	

2 Note, there are no remaining **Primary Major Courses** for this major. Go to Step 3.

S1	–	–	–
S2	–	–	–

3 Note, there are no remaining **Secondary Major Courses** for this major. Go to Step 4.

S1	–	–	–
S2	–	–	–

4 Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **MATH1051** (Level 1), **INFS2200** (Level 2) and **DECO3801** (Level 3) — from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Friday, 15 July 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Machine Learning + **Major in Programming Languages**

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	**S1**	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	**MATH1051** Calculus & Linear Algebra Or **MATH1071** 1+2
	S2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2	**MATH1052** Multivariate Calculus & Ordinary Differential Equations Or **MATH1072** 1+2
Y2	**S1**	**COMP2048** Theory of Computing	**CSSE2310** Computer Systems Principles & Programming 1+2	**DECO1400** Introduction to Web Design	
	S2	**COMP3506** Algorithms & Data Structures	**COMP3702** Artificial Intelligence	**MATH2302** Discrete Mathematics II	**COMP2140** Web & Mobile Programming
Y3	**S1**	**COMP4702** Machine Learning	**COMP3400** Functional & Logic Programming	**COMP4403** Compilers and Interpreters	**CSSE3100** Reasoning About Programs
	S2	**COMP3710** Pattern Recognition and Analysis	**DECO3801** Design Computing Studio 3: Build	**STAT3006** Statistical Learning	

2 Note, there are no remaining **Primary Major Courses** for this major. Go to Step 3.

S1	–	–	–
S2	–	–	–

3 Choose **1** remaining **Secondary Major Course** for a free slot, accounting for prerequisites:

S1	**DECO2500**	
S2	**DECO2500**	**INFS2200**

4 Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **DECO3801** (Level 3) — from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Friday, 15 July 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Machine Learning + **Major in Scientific Computing**

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	**S1**	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	**MATH1051** Calculus & Linear Algebra Or **MATH1071** 1+2
	S2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2	**MATH2302** Discrete Mathematics II
Y2	**S1**	**COMP2048** Theory of Computing	**MATH1052** Multivariate Calculus & Ordinary Differential Equations 1+2	**SCIE2100** Bioinformatics 1: Introduction	
	S2	**COMP3506** Algorithms & Data Structures	**COMP3702** Artificial Intelligence	**COSC2500** Numerical Methods in Computational Science	**INFS2200** Relational Database Systems
Y3	**S1**	**COMP4702** Machine Learning	**COSC3000** Visualization, Computer Graphics & Data Analysis		
	S2	**COMP3710** Pattern Recognition and Analysis	**DECO3801** Design Computing Studio 3: Build	**STAT3006** Statistical Learning	**COSC3500** High-Performance Computing

2 Note, there are no remaining **Primary Major Courses** for this major. Go to Step 3.

S1	–	–	–
S2	–	–	–

3 Note, there are no remaining **Secondary Major Courses** for this major. Go to Step 4.

S1	–	–	–
S2	–	–	–

4 Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **MATH1051** (Level 1), **MATH1052** (Level 1) and **DECO3801** (Level 3) — from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

Students must follow the program rules & requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

Study plan last modified: Friday, 15 July 2022

Bachelor of Computer Science

Suggested Study Plan for Semester 1 Start (BCompSc)

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA

Major in Programming Languages + **Major in Scientific Computing**

Valid from 2021

1 The table below shows the required: **Compulsory Courses** **Primary Major Courses** **Secondary Major Courses**

Y1	S1	**CSSE1001** Introduction to Software Engineering 1+2	**INFS1200** Introduction to Information Systems 1+2	**MATH1061** Discrete Mathematics 1+2	**MATH1051** Calculus & Linear Algebra Or **MATH1071** 1+2
	S2	**CSSE2002** Programming in the Large 1+2	**CSSE2010** Introduction to Computer Systems 1+2	**STAT1201** Analysis of Scientific Data Or **STAT1301** 1+2	**MATH1052** Multivariate Calculus & Ordinary Differential Equations Or **MATH1072** 1+2
Y2	S1	**COMP2048** Theory of Computing	**CSSE2310** Computer Systems Principles & Programming 1+2	**DECO1400** Introduction to Web Design	**SCIE2100** Bioinformatics 1: Introduction
	S2	**COMP3506** Algorithms & Data Structures	**COMP2140** Web & Mobile Programming	**COSC2500** Numerical Methods in Computational Science	**INFS2200** Relational Database Systems
Y3	S1	**COMP3400** Functional & Logic Programming	**COMP4403** Compilers and Interpreters	**CSSE3100** Reasoning About Programs	**COSC3000** Visualization, Computer Graphics & Data Analysis
	S2	**DECO3801** Design Computing Studio 3: Build	**COSC3500** High-Performance Computing		

2 Choose **1** remaining **Primary Major Course** for a free slot, accounting for prerequisites:

S1	**DECO2500**		
S2	**DECO2500**	**INFS2200**	

3 Note, there are no remaining **Secondary Major Courses** for this major. Go to Step 4.

S1	–	–	–
S2	–	–	–

4 Fill the remaining free slots with same-level or higher **Program Electives** replacing the courses shared between majors — including **DECO3801** (Level 3) — from the BCompSc program rules & requirements.

1+2 Course offered in both Semester 1 &2.

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