

Bachelor of Arts

APPROVED STUDY PATTERN FOR THE DEGREE OF Bachelor of Arts WITH A MAJOR IN Computing

A general program of study for Arts students wishing to major in Computing.

General requirements for the degree:

Number of credit points required for the degree	68
Minimum number of credit points required at 200 level or above	38
Minimum number of credit points required at 300 level	18

300 level

Options	Three of		Units in the range COMP300-COMP351, ELEC374		9	
Option	One of		Units in the range COMP300-COMP351		3	
			Units in the range MATH300-MATH349			
		ACCG355	Information Systems for Management	3		
		ELEC374	Computer Hardware	3		
		ELEC375	Digital Systems	3		
		GEOS371	Geographic Information Systems: Technical Issues	3		
		MPCE361	Technology and Management	3		
		STAT378	Statistical Computing	3		
Total						12

Electives

Elective	20 cr pts		200- or 300-level units		20	
Elective	6 cr pts		300-level units		6	
Elective	30 cr pts		Any units		30	
Total						56

TOTAL

68

Notes:

1. Pattern applicable to students entering the degree in 2002.
2. Transfer criteria: automatic on application to the Student Centre.

Bachelor of Science

**APPROVED STUDY PATTERN FOR THE DEGREE OF Bachelor of Science
WITH A MAJOR IN Computing**

A general program of study for Science students wishing to major in Computing.

General requirements for the degree:

Number of credit points required for the degree	68
Minimum number of credit points required at 200 level or above	38 (including 34 in science units)
Minimum number of credit points required at 300 level	18 (including 18 in science units)

300 level

Options	Three of		Units in the range COMP300-COMP351, ELEC374		9	
Option	One of		Units in the range COMP300-COMP351		3	
			Units in the range MATH300-MATH349			
		ACCG355	Information Systems for Management	3		
		ELEC374	Computer Hardware	3		
		ELEC375	Digital Systems	3		
		GEOS371	Geographic Information Systems: Technical Issues	3		
		MPCE361	Technology and Management	3		
		STAT378	Statistical Computing	3		
Total						12

Electives

Elective	16 cr pts		200- or 300-level science units		16	
Elective	4 cr pts		200- or 300-level units		4	
Elective	6 cr pts		300-level science units		6	
Elective	30 cr pts		Any units		30	
Total						56

TOTAL						68
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Notes:

1. Pattern applicable to students entering the degree in 2002.
2. Transfer criteria: automatic on application to the Student Centre.

Bachelor of Computing and Information Systems

APPROVED STUDY PATTERN FOR THE DEGREE OF Bachelor of Computing and Information Systems

A rigorous core program in Computing and Information Systems including a final year project in Information Systems or Software Engineering.

General requirements for the degree:

Number of credit points required for the degree	68
Minimum number of credit points required at 200 level or above	38 (including 34 in science units)
Minimum number of credit points required at 300 level	18 (including 18 in science units)

100 level

Core		COMP114	Introduction to Information Systems	3	3	
Core		COMP115	Introduction to Computer Science	3	3	
Core		COMP125	Fundamentals of Computer Science	3	3	
Option	One of	MATH132	Mathematics IA (Advanced)	3	3	
		MATH135	Mathematics IA	3		
Option	One of	MATH133	Mathematics IB (Advanced)	3	3	
		MATH136	Mathematics IB	3		
Total						15

200 level

Core		COMP224	Database Systems	3	3	
Core		COMP225	Algorithms and Data Structures	3	3	
Core		COMP226	Computer Architecture	3	3	
Core		COMP227	Requirements Analysis and Systems Design	3	3	
Total						12

300 level

Option	One of	COMP326	Information Systems Development	3	3	
		COMP331	Software Engineering	3		
Options	Three of		Units from COMP300-COMP351, ELEC374, MPCE361		9	
Total						12

Electives

Elective	4 cr pts		Any 200- or 300-level science units		4	
Elective	4 cr pts		Any 200- or 300-level units		4	
Elective	6 cr pts		Any 300-level science units		6	
Elective	15 cr pts		Any units		15	
Total						29

TOTAL						68
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Notes:

1. Pattern applicable to students entering the degree in 2002.
2. A pass or better in COMP124 Computing and Information Systems satisfies the requirement for COMP114 and COMP115.
3. Transfer criteria: a minimum of 12 credit points and an overall GPA of 2.5.

Bachelor of Computer Science**APPROVED STUDY PATTERN FOR THE DEGREE OF Bachelor of Computer Science**

A rigorous core program in Computer Science including computer systems, computer hardware and an industry-based final year project.

General requirements for the degree:

Number of credit points required for the degree	72
Minimum number of credit points required at 200 level or above	42
Minimum number of credit points required at 300 level	18

100 level

Core		COMP114	Introduction to Information Systems	3	3	
Core		COMP115	Introduction to Computer Science	3	3	
Core		COMP125	Fundamentals of Computer Science	3	3	
Core		ELEC176	Electronics I	3	3	
Option	One of	MATH132	Mathematics IA (Advanced)	3	3	
		MATH135	Mathematics IA	3		
Option	One of	MATH133	Mathematics IB (Advanced)	3	3	
		MATH136	Mathematics IB	3		
Total						18

200 level

Core		COMP225	Algorithms and Data Structures	3	3	
Core		COMP226	Computer Architecture	3	3	
Core		COMP227	Requirements Analysis and Systems Design	3	3	
Core		ELEC274	Logic Design	3	3	
Core		MATH237	Mathematics IIC	3	3	
Total						15

300 level

Core		COMP332	Programming Languages	3	3	
Core		COMP333	Algorithm Theory and Design	3	3	
Core		COMP340	Systems Engineering Project	4	4	
Core		ELEC374	Computer Hardware	3	3	
Option	One of	COMP341	Computer Networks	3	3	
		COMP342	Operating Systems	3		
Total						16

Electives

Elective	9 cr pts		200- or 300-level units		9	
Elective	2 cr pts		300-level units		2	
Elective	12 cr pts		Any units		12	
Total						23

TOTAL						72
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Notes:

1. Pattern applicable to students entering the degree in 2002.
2. A pass or better in COMP124 Computing and Information Systems satisfies the requirement for COMP114 and COMP115.
3. A pass or better in COMP327 Operating Systems and Networks satisfies the requirement for COMP341 or COMP342.
4. Transfer criteria: a minimum of 18 credit points and an overall GPA of 3.0.