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

100 level

Core		COMP124	Computing and Information Systems	3	3	
Core		COMP125	Fundamentals of Computer Science	3	3	
Option	One of		Units in the range MATH131-MATH136		3	
Total						9

200 level

Core		COMP225	Algorithms and Data Structures	3	3	
Option	One of		COMP224, COMP226 or COMP227		3	
Total						6

300 level

Options	Three of		Units in the range COMP300-COMP349, ELEC374		9	
Option	One of		Units in the range COMP300-COMP349		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	14 cr pts		200- or 300-level units		14	
Elective	6 cr pts		300-level units		6	
Elective	21 cr pts		Any units		21	
Total						41

TOTAL	68

Notes:

1. Pattern applicable to students entering the degree in 2001.

Bachelor of Arts

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

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

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

100 level

Core		COMP124	Computing and Information Systems	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						12

200 level

Core		COMP225	Algorithms and Data Structures	3	3	
Option	One of		COMP224, COMP226 or COMP227		3	
Total						6

300 level

Core		COMP330	Computer Graphics	3	3	
Options	Two of		Units in the range COMP300-COMP349, ELEC374		6	
Option	One of		Units in the range COMP300-COMP349		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	14 cr pts		200- or 300-level units		14	
Elective	6 cr pts		300-level units		6	
Elective	18 cr pts		Any units		18	
Total						38

TOTAL	68

Notes:

1. Pattern applicable to students entering the degree in 2001.
2. Pattern detailed in “Handbook of Undergraduate Studies 2001” (p. 274–5) provides a recommended study pattern only.

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)

100 level

Core		COMP124	Computing and Information Systems	3	3	
Core		COMP125	Fundamentals of Computer Science	3	3	
Option	One of		Units in the range MATH131-MATH136		3	
Total						9

200 level

Core		COMP225	Algorithms and Data Structures	3	3	
Option	One of		COMP224, COMP226 or COMP227		3	
Total						6

300 level

Options	Three of		Units in the range COMP300-COMP349, ELEC374		9	
Option	One of		Units in the range COMP300-COMP349		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	10 cr pts		200- or 300-level science units		10	
Elective	4 cr pts		200- or 300-level units		4	
Elective	6 cr pts		300-level science units		6	
Elective	21 cr pts		Any units		21	
Total						41

TOTAL	68

Notes:

1. Pattern applicable to students entering the degree in 2001.

Bachelor of Science

APPROVED STUDY PATTERN FOR THE DEGREE OF Bachelor of Science
WITH A MAJOR IN Computing and Information Systems

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

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		COMP124	Computing and Information Systems	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						12

200 level

Core		COMP225	Algorithms and Data Structures	3	3	
Option	One of		COMP224, COMP226 or COMP227		3	
Total						6

300 level

Core		COMP330	Computer Graphics	3	3	
Options	Two of		Units in the range COMP300-COMP349, ELEC374		6	
Option	One of		Units in the range COMP300-COMP349		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	10 cr pts		200- or 300-level science units		10	
Elective	4 cr pts		200- or 300-level units		4	
Elective	6 cr pts		300-level science units		6	
Elective	18 cr pts		Any units		18	
Total						38

TOTAL	68

Notes:

1. Pattern applicable to students entering the degree in 2001.
2. Pattern detailed in “Handbook of Undergraduate Studies 2001” (p. 274–5) provides a recommended study pattern only.

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		COMP124	Computing and Information Systems	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						15

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		COMP327	Operating Systems and Networks	3	3	
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	
Total						16

Electives

Elective	9 cr pts		200- or 300-level units		9	
Elective	2 cr pts		300-level units		2	
Elective	15 cr pts		Any units		15	
Total						26

TOTAL	72

Notes:

1. Pattern applicable to students entering the degree in 2001.