Sample 4-year Program of Study for Computer Science

Computer Science Curriculum Major (CSC)

Fall Winter

C 111a C 112 Ural Science 1 or hours C 311 C 314 TH 120b	3 1 5 9 4 4		COSC 211 COSC 212 COSC 231 Natural Science 2 - Major hours COSC 221	3 1 3 5
or hours C 311 C 314	9 4		COSC 231 Natural Science 2 - Major hours	3 5 12
or hours C 311 C 314	9		Natural Science 2 - Major hours	12
C 311 C 314	4		- Major hours	12
C 311 C 314	4			
C 311 C 314	4			
C 314			COSC 221	
	4		[CU3C 221	3
H 120b			COSC 381	4
	4		STAT 360	3
			-	
or hours	12		Major hours	10
	4		COSC 423 or 439 or 444 or 471	4
C 341	4	+		4
H 121 or 122 or 223	4		MATH 121 or 122 or 223	4
	12		- Basica bassas	12
or nours	12		Major nours	12
ricted Elective 1	4		Restricted Elective 3	4
ricted Elective 2	4		COSC 481W	3
			-	
or hours	8		Major hours	7
	C 321 C 341 H 121 or 122 or 223 or hours ricted Elective 1 ricted Elective 2	2 321 4 2 341 4 H 121 or 122 or 223 4 or hours 12 ricted Elective 1 4 ricted Elective 2 4	2 321 4 2 341 4 H 121 or 122 or 223 4 Or hours 12 ricted Elective 1 4 ricted Elective 2 4	2 321 4 COSC 423 or 439 or 444 or 471 2 341 4 COSC 423 or 439 or 444 or 471 3 H 121 or 122 or 223 4 MATH 121 or 122 or 223

MATH 104 or Level 4 Math Placement or COSC 106 or COSC 146 or Computer Science Principles AP

a Exam with a score of "5"
Level 6 Math Placement, (MATH 105 and MATH 107, with a "C" or higher), (MATH 112 with a "C" or higher), or (MATH 210 and MATH 107, with a "C" or

b higher)

Total Major hours

82

Sample 6-year Program of Study for Computer Science

Computer Science Curriculum Major (CSC)

Winter

Year 1	MATH 105 (prereq)	3	MATH 107 (prereq)	2
	Natural Science 1	5	Natural Science 2	5
	-			
	Major hours	8	Major hours	7
Year 2	COSC 111a	3	COSC 211	3
	COSC 112	1	COSC 212	1
			COSC 231	3
			-	
	Major hours	4	Major hours	7
Vear 3	COSC 221	3	COSC 311	4
icai 3	MATH 120b	4	MATH 121 or 122 or 223	4
	-	+ +	-	
	-		-	
	Major hours	7	Major hours	8
Year 4	COSC 314	4	COSC 381	4
	MATH 121 or 122 or 223	4	STAT 360	3
	-		-	
	-		-	
	Major hours	8	Major hours	7
	0000001		2000 400 400 414	
Year 5	COSC 321	4	COSC 423 or 439 or 444 or 471	4
	COSC 341	4	COSC 423 or 439 or 444 or 471	4
	-		-	
	-			
	Major hours	8	Major hours	8
Year 6	Restricted Elective 1	4	Restricted Elective 3	4
	Restricted Elective 2	4	COSC 481W	3
	-		-	
	-		-	
	Major hours	8	Major hours	7

or COSC 146 or Computer Science Principles AP a Exam with a score of "5"
Level 6 Math Placement, (MATH 105 and MATH 107, with a "C" or higher), (MATH 112 with a "C" or higher), or (MATH 210 and MATH 107, with a "C" or

MATH 104 or Level 4 Math Placement or COSC 106

Fall

b higher)

Total Major hours

87 includes prereqs

Sample 4-year Program of Study for Computer Science

Computer Science Applied Major (CSCA)

Fall Winter

Year 1	COSC 111a	3	COSC 211	3
	COSC 112	1	COSC 212	1
	-		COSC 231	3
	-		-	
	-		-	
	Major hours	4	Major hours	7
Year 2	COSC 311	4	COSC 221	3
	COSC 314	4	COSC 381	4
	MATH 120b	4	STAT 360	3
	-		-	
	Major hours	12	Major hours	10
Vear 3	COSC 341	4	Restricted Elective 2	4
	Restricted Elective 1	4	Restricted Elective 3	4
	-		-	
	Major hours	8	Major hours	8
Year 4	Restricted Elective 4	4	COSC 481W	3
	Restricted Elective 5	4	-	
	-		-	
		1 1		

MATH 104 or Level 4 Math Placement or COSC 106 or COSC 146 or Computer Science Principles AP

a Exam with a score of "5"
Level 6 Math Placement, (MATH 105 and MATH 107, with a "C" or higher), (MATH 112 with a "C" or higher), or (MATH 210 and MATH 107, with a "C" or

b higher)

Total Major hours

60

Sample 6-year Program of Study for Computer Science

Computer Science Applied Major (CSCA)

	Fall Winter				
Year 1	MATH 105 (prereq)	3	MATH 107 (prereq)	2	
	-		-		
	-		-		
	-		-		
	Major hours	3	Major hours	2	
Year 2	COSC 111a	3	COSC 211	3	
	COSC 112	1	COSC 212	1	
			COSC 231	3	
			-		
	Major hours	4	Major hours	7	
Year 3	COSC 221	3	COSC 311	4	
	MATH 120b	4	COSC 314	4	
	-		-		
	-		-		
	Major hours	7	Major hours	8	
Year 4	COSC 381	4	COSC 341	4	
	STAT 360	3			
	-		-		
	- Major hours	7	- Major hours	4	
	wajor nours	'	Major nours	- 4	
Year 5	Restricted Elective 1	4	Restricted Elective 2	4	
	-		Restricted Elective 3	4	
	-		-		
	- Major hours	4	- Major hours	8	
	wajor nours	4	Major nours		
Year 6	Restricted Elective 4	4	COSC 481W	3	
	Restricted Elective 5	4	-		
	<u> -</u>		-		
	- Major hours	8	- Major hours	3	
	iviajor nours	8	iviajor nours	3	

MATH 104 or Level 4 Math Placement or COSC 106 or COSC 146 or Computer Science Principles AP a Exam with a score of "5" Level 6 Math Placement, (MATH 105 and MATH 107, with a "C" or higher), (MATH 112 with a "C" or higher), or (MATH 210 and MATH 107, with a "C" or b higher)

Total Major hours

65 includes prereqs

Sample 4-year Program of Study for Computer Science

BA Computer Science Major (BA)

Fall Winter COSC 111 **Year 1** MATH 105 3 1 COSC 112 3 **Major hours** 4 **Major hours Recommended Minor hours** 0 **Recommended Minor hours** 3 Year 2 COSC 211 3 **COSC 311** 4 4 1 COSC 212 COSC 314 **COSC 231** 3 7 8 **Major hours Major hours** 3 **Recommended Minor hours** 3 **Recommended Minor hours** Year 3 COSC 221 3 COSC 341 4 4 4 COSC 381 Restricted Elective 2 **Major hours** 7 **Major hours** 8 3 3 **Recommended Minor hours Recommended Minor hours** 3 Year 4 Restricted Elective 2 4 **COSC 481W** 4 **Restricted Elective 3** 3 **Major hours** 8 **Major hours** 3 3 **Recommended Minor hours Recommended Minor hours**

Total Major hours 48
Total Minor hours 21

Sample 6-year Program of Study for Computer Science

BA Computer Science Major (BA)

	Fall		Winter	
Year 1	MATH 104 (prereq)	3	MATH 105	3
	-		-	
	-		-	
	-		-	
	Major hours	3	Major hours	3
	Recommended Minor hours	0	Recommended Minor hours	(
Year 2	COSC 111	3	COSC 211	3
	COSC 112	1	COSC 212	1
	-		COSC 231	3
	-		-	
	Major hours	4	Major hours	7
	Recommended Minor hours	0	Recommended Minor hours	3
Year 3	COSC 221	3	COSC 311	4
			COSC 314	4
	-		-	
	-		#VALUE!	
	Major hours	3	Major hours	8
	Recommended Minor hours	3	Recommended Minor hours	3
Year 4	COSC 381	4	COSC 341	4
	-		-	
	-		-	
	Major hours	4	Major hours	4
	Recommended Minor hours	3	Recommended Minor hours	3
Year 5	Restricted Elective 1	4	Restricted Elective 2	4
	-		-	
	_		-	
	Major hours	4	- Major hours	4
	Recommended Minor hours	0	Recommended Minor hours	, c
Year 6	Restricted Elective 3	4	COSC 481W	3
	-		-	
	-		-	
	Major hours	4	Major hours	3
	Recommended Minor hours	3	Recommended Minor hours	3

Total Major hours Total Minor hours

51 includes prereqs

21