

Sample 4-year Program of Study for Computer Science

Computer Science Curriculum Major (CSC)

		Fall			Winter
Year 1	COSC 111a	3		COSC 211	3
	COSC 112	1		COSC 212	1
	Natural Science 1	5		COSC 231	3
	-			Natural Science 2	5
	-			-	
	Major hours	9		Major hours	12
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
Year 3	COSC 321	4		COSC 423 or 439 or 444 or 471	4
	COSC 341	4		COSC 423 or 439 or 444 or 471	4
	MATH 121 or 122 or 223	4		MATH 121 or 122 or 223	4
	-			-	
	Major hours	12		Major hours	12
Year 4	Restricted Elective 1	4		Restricted Elective 3	4
	Restricted Elective 2	4		COSC 481W	3
	-			-	
	-			-	
	Major hours	8		Major hours	7

- 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)

Fall		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
Year 3	COSC 221	3	COSC 311	4
	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
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

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

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
Year 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		-	
	-			-	
	-			-	
	Major hours	8		Major hours	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

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
Year 5	Restricted Elective 1	4	Restricted Elective 2	4
	-		Restricted Elective 3	4
	-		-	
	-		-	
	Major hours	4	Major hours	8
Year 6	Restricted Elective 4	4	COSC 481W	3
	Restricted Elective 5	4	-	
	-		-	
	-		-	
	Major hours	8	Major hours	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 higher)
 b higher)

Total Major hours

65 includes prereqs

Sample 4-year Program of Study for Computer Science

BA Computer Science Major (BA)

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

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	0
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	0
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

51 includes prereqs

Total Minor hours

21