

Undergraduate Computer Science Worksheet BS in Computer Science

- VSCG / Full-time Students
 VCSX / Part-time and Evening Students

Required Computer Science (44 QH) (see back)

Year	Course #	Course Name	QH	GR	QTR
1-2	4003-241	Problem-Based Intro to CS			
	4003-242	Data Structures for Problem Solving			
	4003-243	Object-Oriented Programming			
	4003-334	Computer Science 4			
	4003-341	Professional Communications			
	4010-361	Software Engineering			
3-5	4003-380	Introduction to CS Theory			
	4003-420	Data Communications & Networks I			
	4003-440	Operating Systems I			
	4003-450	Programming Language Concepts			

Computer Science Electives (24 QH)

Year	Course #	Course Name	QH	GR	QTR
3-5	-----	CS Related Elective_____			
	-----	CS Related Elective_____			
	-----	_____			
	-----	_____			
	-----	_____			
	-----	_____			

Mathematics (24 QH) (see back regarding Calculus)

Year	Course #	Course Name	QH	GR	QTR
1-2	-----	_____			
	-----	_____			
	-----	_____			
1-2	1016-265	Discrete Mathematics I			
	1016-351	Probability			
	1016-366	Discrete Mathematics II			

Science (20 QH minimum)

One Lab Science Sequence is required.
Check the box that matches the sequence you select.

- University Physics (see back)**

Year	Course #	Course Name	QH	GR	QTR
1-2	1017-311	University Physics I			
	1017-312	University Physics II			
	1017-313	University Physics III			

- General and Analytical Chemistry**

Year	Course #	Course Name	QH	GR	QTR
1-2	1011-215	General & Analytical Chemistry I			
	1011-205	Chemistry Principles I Laboratory			
	1011-216	General & Analytical Chemistry II			
	1011-206	Chemistry Principles II Laboratory			
	1011-217	General & Analytical Chemistry III			
	1011-227	General & Analytical Chemistry III Lab			

- General Biology**

Year	Course #	Course Name	QH	GR	QTR
1-2	1001-201	General Biology			
	1001-205	General Biology Laboratory			
	1001-202	General Biology			
	1001-206	General Biology Laboratory			
	1001-203	General Biology			
	1001-207	General Biology Laboratory			

Year	Course #	Course Name	QH	GR	QTR
3-5	-----	Science Elective			
	-----	Science Elective			

Name _____ Entry Term _____

Transfer School(s) _____

Liberal Arts (52 QH)

Year	Course #	Course Name	QH	GR	QTR
1-2	0502-227	Writing			
	0510/11/13/14/15	Social Science			
	0510/11/13/14/15	Social Science			
	0504/05/07/08/09	Humanities			
	0504/05/07/08/09	Humanities			
	05xx-319/xxx	Arts of Expression			
0509-xxx	Ethics (see back of worksheet)				
3-5	-----	Liberal Arts Minor or Concentration			
	-----	Liberal Arts Minor or Concentration			
	-----	Liberal Arts Minor or Concentration			
	-----	Liberal Arts Minor or Upper Level Elective			
	-----	Liberal Arts Minor or Upper Level Elective			
	-----	Liberal Arts Upper Level Elective			

Related Electives (12 QH)

Year	Course #	Course Name	QH	GR	QTR
3-5	-----	_____			
	-----	_____			
	-----	_____			
	-----	_____			
	-----	_____			
	-----	_____			

Free Electives (12 QH)

Year	Course #	Course Name	QH	GR	QTR
3-5	-----	_____			
	-----	_____			
	-----	_____			
	-----	_____			
	-----	_____			
	-----	_____			

First Year Requirement (2 QH) (see back)

Year	Course #	Course Name	QH	GR	QTR
1	1720-050/051	Discovery			
	1720-xxx	Pathways			

Wellness Education (0 QH)

Year	Course #	Course Name	GR	QTR
1-5	1109-1114	Activity 1_____		
	1109-1114	Activity 2_____		
		(different from Activity 1)		

Cooperative Education (0 QH)

Minimum of four blocks required.

Year	QTR	QTR	QTR	QTR	QTR
3-5					

Completion

Year	Type	Required (QH)	Transferred	Taken
1-5	Computer Science	68		
	Mathematics	24		
	Science	20		
	Liberal Arts	52		
	Related Electives	12		
	Free Electives	12		
	First Year Requirement	2		
	Wellness	0		
	Total	190		
	Co-op			

Evaluated by _____ Date _____

Rev. History
Effective 20101

Additional notes on back