

Computer Science Major Worksheet - B.S. Degree

Student: _____ ID# _____ Catalog: _____ Advisor: _____

Computer Science				
Required Courses		Cr.	Semester	Gr.
CSci 160	Comptuer Science I	4		
CSci 161	Comptuer Science II	4		
EE 201	Intro. Digital Elec.	2		
EE 202	Intro. Digital Elec. Lab	1		
CSci 230	Systems Programming	3		
CSci 242	Algo. & Dadt Struct.	3		
CSci 289	Soc. Imp. Comp. Tech.	3		
CSci 363	User Interface Design	3		
CSci 365	Org. Prog. Languages	3		
CSci 370	Comp. Architecture	4		
CSci 435	Form. Lang. Automata	3		
CSci 451	Operating Systems I	3		
CSci 492	Senior Project I	2		
CSci 493	Senior Project II	2		
Elective Courses*		Cr.	Semester	Gr.
CSci				
CSci				
CSci				
CSci				
CSci				
*12 cr. 200 or above. At most 6 cr. 260/297/299397/494				

Upper Division Courses*				
Required Courses		Cr.	Semester	Gr.
*20 Cr. In addition to CSci 363, 365, 435, and 451.				

Mathematics				
Required Courses		Cr.	Semester	Gr.
Math 165	Calculus I	4		
Math 166	Calculus II	4		
Math 208	Discrete Mathematics	3		
Math 321	or Applied Stat. Methods	3		
Elective Course*		Cr.	Semester	Gr.
Math				
*3 cr. 207 or above, except 277, 377, 400, 477, 479				

Science				
Required Lab Science Squence		Cr.	Semester	Gr.
Biol 150	Intro. Biol. I	3		
Biol 150L	Intro. Biol. I Lab	1		
Biol 151	Intro. Biol. II	3		
Biol 151L	Intro. Biol. II Lab	1		
or				
Chem 121/121L	Gen. Chem. I	4		
Chem 122/122L	Gen. Chem. II	4		
or				
Geol 101	Intro. Geology	3		
Geol 101L	Intro. Geol. Lab	1		
Geol 102	Earth thru Time	3		
Geol 102L	Earth th. Time Lab	1		
or				
Phys 251/251L	Univ. Physics I	4		
Phys 252/252L	Univ. Physics II	4		
Elective Courses*		Cr.	Semester	Gr.
*At least 6 cr. From Approved Science Elective List				

Essential Studies Worksheet – B.S. in Computer Science

I. Communication 9 Credits (6 credits writing and 3 credits Oral Communication)

Special Emphasis Area:	Course:	Credits:	Semester Completed:
	English 110	3	
	English 130	3	
O	Comm 110	3	

II. Social Sciences 9 Credits (minimum of 2 departments)

Special Emphasis Area:	Course:	Credits:	Semester Completed:

III. Arts and Humanities 9 Credits (minimum of 2 departments – 3 credits Fine Arts and 3 credits Humanities)

Special Emphasis Area:	Course:	Credits:	Semester Completed:
H			
F			

IV. Math/Science/Technology 9 Credits (includes 4 credits Laboratory Science)

Special Emphasis Area:	Course:	Credits:	Semester Completed:
	CSci 160 Computer Science I	4	
	CSci 289 Social Implications of Computer Technology	3	
L	Lab Science I:	4	

V. Senior Capstone 4 Credits

Course:		Credits:	Semester Completed:
A	CSCI 492/493 Senior Project	4	

Special Emphasis Area requirements that may fall outside of Communication, Social Sciences, Arts and Humanities, or Math/Science/Technology

Special Emphasis Area:	Course:	Credits:	Semester Completed:

- ___ Student has met the Oral Communication requirement: (O) 3 credits
- ___ Student has met the Social-Cultural Diversity requirement: United States (U) 3 credits
- ___ Student has met the Social-Cultural Diversity requirement: Global (G) 3 credits
- ___ Student has met the Quantitative Reasoning requirement (Q) 3 credits
- ___ Student has met the Advanced Communication requirement (A) 3 credits
- ___ Student has met the 3 credits Fine Arts requirement
- ___ Student has met the 3 credits Humanities requirement
- ___ Student has met the 4-hour Laboratory Science requirement (Designated with L within Math/Science/Technology)