

Computer Science Major Worksheet – B.S. Degree

Student: _____ ID# _____ Catalog: _____ Advisor _____

Computer Science				
Required Courses		Cr.	Semester	Gr.
CSci 160	Computer Science I	4		
CSci 161	Computer Science II	4		
EE 201	Intro. Digital Elec.	2		
EE 202	Intro. Digital Elec. Lab	1		
CSci 230	Systems Programming	3		
CSci 242	Algo. & Data 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		
Elective Courses *		Cr.	Semester	Gr.
CSci				
CSci				
CSci				
CSci				
CSci				

*12 cr. 200 or above. At most 6 cr. 260/297/397/494.

Upper Division Courses*				
Required Courses		Cr.	Semester	Gr.

*20 cr. in addition to CSci 363, 365, 370, 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 Math 421	Applied Stat. Methods Stat. Theory I	3		
Elective Course*		Cr.	Semester	Gr.
Math				

*3 cr. 213 or above, except 277, 377, 397, 400, 477, 479.

Science				
Required Lab Science Sequence		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	Univ. Physics I	4		
Phys 252	Univ. Physics II	4		
Elective Courses*		Cr.	Semester	Gr.

*At least 6 cr. From Approved Science Elective List