COMPUTER SCIENCE MAJOR, B.A.

Mathematics & Computer Science Department; Shaw School of Sciences

To graduate must complete all major requirements, foundational requirements, and additional electives needed for 124 hour minimum degree requirement.

MAJOR REQUIREMENTS (51)

__ 3	CSC	115	Web Programming	
__ 4	CSC	121	Computer Programming I	___ Lab
__ 4	CSC	122	Computer Programming II	___ Lab
__ 3	CSC	210	Programming in Python	
__ 3	CSC	231	Computer Organization	
__ 3	CSC	300	Data Structures & Algorithms	
__ 3	CSC	310	Software Design & Engineering	
__ 3	CSC	320	Operating Systems	
__ 3	CSC	330	Programming Languages	
__ 3	CSC	400	Parallel & Distributed Systems Programming	
__ 3	CSC	410	Artificial Intelligence	
__ 3	MAT	152	Discrete Math	
__ 1	MAT	170	Intro to Math Modeling	
__ 4	MAT	181	Calculus I	___ Lab
__ 4	MAT	182	Calculus II	___ Lab
__ 3	MAT	271	Linear Algebra	
__ 1	MAT	475	Senior Seminar	

PLUS FOUNDATIONS REQUIREMENTS (53)
(3 hours Math satisfied by required major courses.)

Plus electives needed for the 124 hour degree requirement (20)