



2026-2027

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## COMPUTER SCIENCE MAJOR, B.A.

Mathematics & Computer Science Department; Shaw School of Sciences

*Students must complete all Foundations requirements and major requirements, as well as any additional General Electives needed to reach the minimum of 124 total credits required for a Bachelor's degree.*

### **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 credits Math satisfied by required major courses.)

### **Plus GENERAL ELECTIVES needed to reach minimum 124 credits (20)**