

## B.A. in Computer Science with Secondary Certification

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Fall Semester		Spring Semester	
Course	Credit	Course	Credit
Course	Hours	Course	Hours
MAT 1302 College Algebra	3	MAT 1303 Precalculus	3
CSC 1321 Programming in C++	3	CSC 1322 Adv Programming in C++	3
ENG 1301 Comp I	3	CSC 1330 or 2310 Assembly Lang/Comp Org	3
ASE 1111 Freshman Success Experience	3	ENG 1302 Comp II	3
REL 13XX (GEC)	1	Any Social Literacy (GEC)	3
Elective (CSC 1310 recommended)	3		
Total Semester Hours: 16		Total Semester Hours: 15	

## Year 2

Fall Semester		Spring Semester	
Course	Credit	Course	Credit
Course	Hours		Hours
MAT 1324 Calculus I	3	EDU 2341 Inst/Assess/Class Mgt EC-12	3
CSC 2320 Data Structures	3	MAT 3381 Discrete Mathematics	3
ENG 23XX Literature (GEC)	3	CSC 2340 Obj-Ori Prog/Design w/Internet App	3
EDU 2100 Foundations of Education	1	HIS 2324 Fund of Modern American History	3
EDU 3310 Multicultural Education	3	SPC 1301 Fund of Speech	3
HUM 2340 or 2341 Human Experience/Prospect	3		
Total Semester Hours: 16		Total Semester Hours: 15	

## Year 3

Fall Semester		Spring Semester	
Course	Credit	Course	Credit
	Hours		Hours
EDU 4331 Differ Instr Mix-Ability K-12 Class	3	MAT 3311 Intro to Prob & Stats	3
CSC 3320 Prog Language Concepts	3	CSC 3391 Operating Systems	3
EDU 3338 Tech for Classroom Instruction	3	RDG 4347 Reading Content Area	3
CSC 3360 Analysis of Algorithms	3	FAR, MUS, or THA (Fine Arts GEC)	3
Any Lab Science (GEC)	4	EXS 1220 Basic Concepts of Wellness	2
Total Semester Hours: 16		Total Semester Hours: 15	

## Year 4

Fall Semester		Spring Semester	
Course	Credit	Course	Credit
Course	Hours		Hours
CSC 4383 Software Engineering	3	EDU 4611 Clinical Teaching	6
CSC any 4000-level elective	3	CSC 4384 Senior Design Project	3
MAT/CSC 4380 Teaching Math/CS Secondary	3	CSC any 4000-level elective	3
Any Social Literacy (GEC)	3	Elective	3
Elective	3		
Total Semester Hours: 15		Total Semester Hours: 15	

HUM 2340,2341, MAT 1302, MAT 1303 may be used to satisfy the GEC.

This is a sample degree plan only, please consult with your advisor.