

Computer Science Education Minor

Worksheet and Pre-requisites 2017-18

COURSE	COURSE TITLE	CREDIT	OFFERED	PREREQUISITE
CSIS 1400	<i>Foundations of Programming</i>	3	F/S	MATH 1050
CSIS 1410	<i>Object Oriented Programming</i>	3	F/S	C or better in CSIS 1400
CSIS 2420	<i>Intro to Algorithms & Data Structures</i>	3	F	C or better in CSIS 1410
CSIS 4900	<i>Methods in CS & IS Education</i>	3	As needed	CSIS 1410
Elective Courses (6 Credits) Choose 2 classes from list below:				
CSIS 2450	<i>Software Engineering</i>	3	F	CSIS 2420
CSIS 3150	<i>C and C+ Programming</i>	3	F	CSIS 2420
CSIS 3300	<i>Mobil App Development for Android</i>		S-odd	CSIS 2420
CSIS 3400	<i>Graphics Programming</i>		F-even	CSIS 2420
CSIS 3550	<i>Foundations of Computation Theory</i>		S	CSIS 2420
CSIS 3600	<i>Operating Systems</i>		S	CSIS 2420
CSIS 3700	<i>Computer Forensics</i>		F-even	CSIS 2600
CSIS 4300	<i>Mobile App Development for Ios</i>		S-even	CSIS 2420
CSIS 4350	<i>Web Programming</i>		F-odd	CSIS 2420
CSIS 4550	<i>Programming Languages</i>		F	CSIS 3550
CSIS 4700	<i>Internet Forensics & Cyber Security</i>		S-odd	CSIS 3700
EET 2780	<i>Digital Electronics I</i>		F	MATH 1050
TOTAL:		18		

A minimum grade of "C" is required in all minor courses.

Credits older than 10 years must be approved by the CSIS Department Chair before being allowed to count towards the major due to the rapid change in the industry.