

# SOUTHERN UTAH UNIVERSITY

*Department of Computer Science & Information Systems*

**CATALOG: 2015-16**

<b>COMPUTER SCIENCE ED MINOR REQUIREMENTS - 18 Credit Hours</b>				
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 &amp; Data Structures</i>	3	F	C or better in CSIS 1410
CSIS 4900	<i>Methods in CS &amp; IS Education</i>	3	As needed	CSIS 1410
<b>Elective Courses (6 Credits) Choose 2 classes from list below:</b>				
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 or instructor permission
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 &amp; Cyber Security</i>		S-odd	CSIS 3700
EET 2780	<i>Digital Electronics I</i>		F	MATH 1050
<b>TOTAL:</b>		<b>18</b>		

*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.