

SOUTHERN UTAH UNIVERISTY
COMPUTER SCIENCE PROPOSED 4-YEAR SCHEDULE 2017-18

FALL 1st YEAR				offered	credits	SPRING 1st YEAR				offered	credits
MATH	1210	Calculus I	F/S/Su	4	CSIS	1410	Object Oriented Programming	F/S	3		
CSIS	1400	Fundamentals of Programming	F/S	3	CSIS	1010	E-Comm & Global Soc (SS GE)	F/S	3		
ENGL	1010	Intro to Academic Writing	F/S/Su	3	EET	2750	PC Hardware	F/S	3		
CSIS	1000	Into to Computers & Internet	F/S/Su	3	MATH	1220	Calculus II	F/S	4		
EDGE	1010	Becoming an Engaged Learner	F/S	1	ENGL	2010	Intermediate Writing	F/S/Su	3		
					LM	1010	Information Literacy	F/S	1		
TOTAL:				14	TOTAL:				17		
FALL 2nd YEAR				offered	credits	SPRING 2nd YEAR				offered	credits
CSIS	2420	Intro to Alg's & Data Structures	F	3	CSIS	2300	Discrete Structures	S	3		
CSIS	3200	Database Design & Mgmt	F	3	CSIS	2810	Comp Organization & Arch	S	3		
CSIS	2600	Data Comm & Networking	F/S	3	CSIS	3600	Operating Systems	S	3		
EET	2780	Digital Electronics I	F	3	CSIS	UD*	Computer Science Elective		3		
BIOL	1610/15	General Biology I/Lab	F/S	4	CHEM	1210/15	Principles of Chemistry I/Lab	F/S	5		
					PHYS	2210/15	Physics for Scientists & Engineers/Lab	F/S	5		
TOTAL:				16	TOTAL:				17		
FALL 3rd YEAR				offered	credits	SPRING 3rd YEAR				offered	credits
CSIS	2450	Software Engineering	F	3	CSIS	3000	Adv'd Alg's & Data Structures	S	3		
CSIS	3650	Network Security	F	3	CSIS	3100	Systems Analysis & Design	S	3		
MATH	2270	Linear Algebra w/Applications	F	3	CSIS	3550	Foundations of Comp Theory	S	3		
EET	3780	App'l's of Microprocessors	F	3	CSIS	UD	Computer Science Elective		3		
		Second semester of BIOL, CHEM or PHYS	F/S	4/5			American Institutions	F/S/Su	3		
EDGE	30XX	Project Proposal and Planning	F/S	1							
TOTAL:				17-18	TOTAL:				15		
FALL 4th YEAR				offered	credits	SPRING 4th YEAR				offered	credits
CSIS	3150	C & C++ Programming	F	3	CSIS	4800	CS Capstone Project	S	3		
CSIS	4550	Programming Languages	F	3	CSIS	UD	Computer Science Elective		3		
MATH	3700	Probability & Statistics	F/S	4	CSIS	UD	Computer Science Elective		3		
CSIS	UD	Computer Science Elective		3			GE Knowledge Area Course	F/S/Su	3		
		GE Knowledge Area Course	F/S/Su	3	EDGE	40XX	Project Reporting and Reflection	F/S	1		
TOTAL:				16	TOTAL:				13		

CS MAJOR ELECTIVES					
CSIS	3300	Mobile Application Development for Android	3	S-odd	CSIS 2420
CSIS	3400	Graphics Programming	3	F-even	CSIS 2420
CSIS	3500	Advanced Computer Architecture	3	F-odd	CSIS 2420 & 2810
CSIS	3700	Computer Forensics	3	F-even	CSIS 2600
CSIS	4300	Mobile Application Development for iOS	3	S-even	CSIS 2420
CSIS	4350	Web Programming	3	F-odd	CSIS 2420
CSIS	4540	Human-Computer Interface	3	S-odd	CSIS 2420
CSIS	4700	Internet Forensics & Cyber Security	3	S-odd	CSIS 3700
EET	3790	Computer Interfacing	3	S-odd	EET 2780