

SOUTHERN UTAH UNIVERISTY
BSE - CIVIL ENGINEERING CONCENTRATION PROPOSED 4-YEAR SCHEDULE 2017-18

FALL 1st YEAR					SPRING 1st YEAR					
			offered	credits				offered	credits	
MATH	1210	Calculus I	F/S/Su	4	MATH	1220	Calculus II	F/S	4	
ENGR	1010	Eng in the 21st Century (IND GE)	F/S	3	PHYS	2210/15	Phys for Scient's & Engrs I & Lab	F/S	5	
ENGR	1000	Eng Success	F/S	1	ENGR	1030	Computer Assisted Design	F/S	3	
CSIS	1000	Computer Applications	F/S/Su	3	EDGE	1010	Becoming an Engaged Learner	F/S	1	
LM	1010	Information Literacy	F/S/Su	1	ENGL	2010	Intermediate Writing (APA Style recomm	F/S/Su	3	
ENGL	1010	Intro to Academic Writing	F/S/Su	3						
				TOTAL:					TOTAL:	16
FALL 2nd YEAR					SPRING 2nd YEAR					
MATH	1040	Statistics	F/S	4	MATH	2210	Calculus III	F/S	4	
PHYS	2220/25	Phys for Scient's & Engrs II & Lab	F	5	CHEM	1210/15	Princ of Chemistry I & Lab (PS GE)	F/S	5	
ENGR	2010	Statics	F	3	ENGR	2140/45	Strength of Materials & Lab	S	4	
ENGL	3120	Writing in the Sciences	F	3	ENGR	2030	Dynamics	S	3	
				TOTAL:					TOTAL:	16
FALL 3rd YEAR					SPRING 3rd YEAR					
MATH	2250	Linear Algebra & Diff Equations	F	4	ENGR	2250/55	Electric Circuits/Lab	S	4	
ENGR	3000	Thermodynamics	F	3	ENGR	3030	Technical Project Management	S	3	
ENGR	3010/15	Material Science Engr & Lab	F	4	ENGR	3050/55	Fluid Mechanics & Lab	S	4	
ENGR	4050	Structural Analysis	F	3	ENGR	4100	Design of Reinforced Structures	S	3	
				TOTAL:					TOTAL:	17
FALL 4th YEAR					SPRING 4th YEAR					
ENGR	4030/35	Electronics & Lab	F	4	ENGR	4085	Engineering Capstone Design II	S	3	
ENGR	4025	Engineering Capstone Design I	F	3	ENGR	4060	Manufacturing	S	3	
* CM	XXXX	Elective	F/S	3	EDGE	40XX	Project Reporting and Reflection	F/S/Su	1	
EDGE	30XX	Project Proposal and Planning	F/S/Su	1			GE Social Science	F/S/Su	3	
		GE Life Sciences	F/S/Su	3			Elective	F/S/Su	3	
		GE Fine Arts	F/S/Su	3						
				TOTAL:					TOTAL:	13

* CM Electives to choose from				
CM	2040	Construction Materials & Testing	S	3
CM	3240	Estimating & Bidding	S	3
CM	3880	Scheduling & Ethics	S	3
CM	4550	Construction Safety (OSHA)	F	3