

SOUTHERN UTAH UNIVERISTY
INTEGRATED ENGINEERING PROPOSED 4-YEAR SCHEDULE 2011-12

FALL 1st YEAR					SPRING 1st YEAR				
			offered	credits				offered	credits
MATH	1210	Calculus I	F/S/M	4	MATH	1220	Calculus II	F/S	4
ENGR	1010	Eng in the 21st Century (IND GE)	F/S	3	ENGL	2010	Intermediate Writing	F/S/M	3
ENGL	1010	Intro to Academic Writing	F/S/M	3	PHYS	2210/15	Phys for Scient's & Engrs I & Lab	F/S	5
ENGR	1030	Computer Assisted Drafting	F/S	3	PHYS	2230	Recitations	F/S	1
UNIV	1000	First Year Seminar	F/S	1	CHEM	1210/15	Princ of Chemistry I & Lab (PS GE)	F/M	5
LM	1010	Information Literacy	F/S/M	1					
UNIV	1010	Intro Experiential Education	F/S	1					
TOTAL:				16	TOTAL:				18
FALL 2nd YEAR					SPRING 2nd YEAR				
			offered	credits				offered	credits
MATH	2210	Calculus III	F/S	4	CSIS	1040	Intro to Programming with MatLab	S	3
MATH	2250	Linear Algebra & Differential Equ	F	4	ENGR	2030	Dynamics	S	3
ENGR	2010	Statics	F	3	ENGR	2140/45	Strength of Materials & Lab	S	4
PHYS	2220/25	Phys for Scient's & Engrs II & Lab	F/S	5	ENGR	2270/75	Electro-Mechanical Systems & Lab	S	4
PHYS	2260	Recitations	F/S	1	UNIV	3925	EER Proposal	F/S	1
TOTAL:				17	TOTAL:				15
FALL 3rd YEAR					SPRING 3rd YEAR				
			offered	credits				offered	credits
ENGR	3000	Thermodynamics	F	3	ENGR	3050/55	Fluid Mechanics & Lab	S	4
ENGR	3010/15	Material Science Engr & Lab	F	4	ENGR	4000	Mechatronics/Lab	S	5
ENGR	4030/35	Electronics & Lab	F	4	ENGR	3095	Engineering Design Lab II	S	3
ENGR	3045	Engineering Design Lab I	F	2	ENGR	4050	Structural Analysis	S	3
ENGL	3120	Writing in the Sciences	F	3					
TOTAL:				16	TOTAL:				15
FALL 4th YEAR					SPRING 4th YEAR				
			offered	credits				offered	credits
ENGR	4010	Heat Transfer	F	3	ENGR	4085	Int. Engineering Design Lab II	S	3
ENGR	4060	Manufacturing	F	3			GE Knowledge Area Course	F/S	3
ENGR	4025	Int. Engineering Design Lab I	F	3			GE Knowledge Area Course	F/S	3
FIN	3120	Managerial Finance	F/S	3			American Institutions Requirement	F/S	3
ENGR	4070	Intro to Steel & Concrete Design	F	3	UNIV	4925	Synthesis and Reflection	F/S	1
TOTAL:				15	TOTAL:				13