

SOUTHERN UTAH UNIVERISTY
INTEGRATED ENGINEERING PROPOSED 4-YEAR SCHEDULE 2012-13

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