

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

School of Industrial and Systems Engineering

SEMESTER CURRICULUM

FIRST YEAR – FALL	HRS	FIRST YEAR - SPRING	HRS
MATH 1501 CALCULUS I	4	MATH 1502 CALCULUS II	4
ENGL 1101 ENGLISH COMPOSITION I	3	ENGL 1102 ENGLISH COMPOSITION II	3
PSYC 1101 GEN PSYCHOLOGY	3	PHYS 2211 INTRO PHYSICS I	4
LAB SCIENCE ELECT (CHEM, BIOL, EAS)	4	CS 1311 INTRODUCTION TO COMPUTING	3
		HPS 1040/1061/1062/1063/1064 WELLNESS	2
TOTAL SEMESTER HOURS = 14		TOTAL SEMESTER HOURS = 16	

SECOND YEAR – FALL	HRS	SECOND YEAR - SPRING	HRS
MATH 2401 CALCULUS III	4	MATH 2602 LINEAR & DISCRETE MATH	4
PHYS 2212 INTRO PHYSICS II	4	ECON 2100 ECON ANALYSIS	3
CS 1312 OBJECT ORIENTED PROGRAMMING	3	ISYE 2030 MODELS IN IE	3
ISYE 2027 PROBABILITY	3	ISYE 2028 STATISTICS	3
HIST 2111 or 2112 or POL 1101 or PUBP 3000 or INTA 1200	3	LAB SCIENCE ELEC (CHEM, BIOL, EAS, PHYS)	4
TOTAL SEMESTER HOURS = 17		TOTAL SEMESTER HOURS = 17	

THIRD YEAR – FALL	HRS	THIRD YEAR - SPRING	HRS
ISYE 3025 ENGR ECONOMY	1	ISYE 3044 SIMULATION	3
ISYE 3039 QUALITY METHODS	3	ISYE 3104 MFG & WAREHOUSING	3
ISYE 3103 LOGISTICS	3	ECON 3150 or MGT 3078	3
ISYE 3232 STOCHASTIC MFG & SERVICE SYSTEMS	3	ENGINEERING ELECTIVE	3
CS 4400 DATABASE SYSTEMS	3	LCC 3401 TECH COMM	2
MGT 3101 or MGT 3150 or ACCT 2101	3	FREE ELECTIVE	3
TOTAL SEMESTER HOURS = 16		TOTAL SEMESTER HOURS = 17	

FOURTH YEAR – FALL	HRS	FOURTH YEAR - SPRING	HRS
ISYE 4009 HUMAN INTEGRATED SYS	3	ISYE 4105 SENIOR DESIGN II	2
ISYE 4104 SENIOR DESIGN I	2	HUMANITIES ELECTIVE	3
ISYE 4231 ENGR OPTIMIZATION	3	ENGINEERING ELECTIVE	3
ENGINEERING ELECTIVE	3	SOCIAL SCIENCE ELECTIVE	3
HUMANITIES ELECTIVE	3	FREE ELECTIVE	3
FREE ELECTIVE	3		

TOTAL SEMESTER HOURS = 17

TOTAL SEMESTER HOURS = 14

TOTAL PROGRAM HOURS = 126 SEMESTER HOURS PLUS WELLNESS (2 HOURS)

revised 8/31/00