

Bachelor of Science - **INDUSTRIAL & SYSTEMS ENGINEERING**
SUGGESTED COURSE SEQUENCE

FRESHMAN YEAR

<u>First Semester</u>		<u>Second Semester</u>	
ENGL 101	3	ENGL 102	3
ENGR 110	3	ENGI 220	3
MATH 131	4	MATH 132	4
EVAN 101	2	BIBL 110 or ^210	3
BIBL 105 or ^205	3	PHYS 231	4
GNE1 101	1	GNE1 102	1
TOTAL	16	TOTAL	18

SOPHOMORE YEAR

COMS 101	3	MATH 321	3
MATH 231	4	ENGL 201, 202, 215, 216, 221, or 222	3
MATH 250	3	ENGR 370	3
PHYS 232	4	ENGI 230	3
ENGR 210	3	ENGI 360	3
CSER	0	CSER	0
TOTAL	17	TOTAL	15

JUNIOR YEAR

MATH 334	3	THEO 201	3
HIUS 221 or 222 or HIEU 201 or 202	3	Technical Elective	3
ENGR 270	3	ENGI 305	3
ENGI 300	3	ENGI 350	3
ENGI 330	3	ENGR 381	3
ENGI 340	3	HUMN 101, THEA 101, ARTS 105, or MUSC 103	3
CSER	0	CSER	0
TOTAL	18	TOTAL	18

SENIOR YEAR

THEO 202	3	CRST 290	2-3
Technical Elective	3	ENGI 450	3
ENGR 377	3	ENGI 460	3
ENGI 430	3	ENGR 482	3
ENGR 481	3	ENGI 495	1-6
CSER	0	Technical Elective	3
TOTAL	15	TOTAL	15-21

^Options available to Honors students

GRADUATION REQUIREMENTS for B.S. in Industrial & Systems Engineering

132 Total Hours

1. 49 hours of upper level (300/400 courses)
2. 30 semester hours completed at Liberty
3. 50% of the major and the minor must be completed at Liberty

Cumulative GPA must be 2.0 or higher

4. Must have a "C" or above in upper-level courses in the major
5. Must have an overall average of "C" in the major

Christian/Community Service Assignments

6. GNE1 101 & 102 must be completed by all freshmen and transfer students within the first and second semesters of a student's program. This is the Christian/Community Service (CSER) requirement for the first year at Liberty. After completing GNE1 101 & 102, students may choose a CSER from the 200, 300, 400, or 500 series.