

**College of Engineering and Technology**  
**B.S. in Engineering**  
**Concentration in Industrial and Systems Engineering**

Please note that this is a **recommended** sequence.  
 Check catalog for prerequisites.  
 Course availability may vary from semester to semester.

**FRESHMAN YEAR**

Fall Semester		Spring Semester	
ENGR 1012	2	ENGR 1016	2
ENGR 1000	1	ENGR 2050	3
BIOL 1050/1051 or 1100/1101	4	MATH 2152	3
MATH 2171	4	CHEM 1150/1151	4
ENGL 1100 (WI)	3	ENGL 2201 (WI)	3
Social Science	3		15
	17		

**SOPHOMORE YEAR**

ENGR 2000	1	ENGR 2450	3
ENGR 2022	3	ENGR 3800	3
ENGR 2070	3	MATH 2154	4
PHYS 2350	4	PHYS 2360	4
MATH 2153	3	HLTH 1000	2
MATH 3307	3		16
	17		

**JUNIOR YEAR**

ENGR 3024	3	ENGR 3000	2
ENGR 2514	4	ENGR 3034	4
ENGR 3420	2	ENGR 3050	3
ISE 3060	3	ISE 3010	3
KINE 1000	1	ISE 4010	3
Social Science	3		15
	16		

**SENIOR YEAR**

ENGR 4010	2	ENGR 4020	2
ISE 4020	3	ISE 4065	3
Tech Elective	3	Tech Elective	1
Humanities/Fine Arts	3	Tech Elective	3
Humanities/Fine Arts	3	Humanities/Fine Arts	3
Social Science	3		12
	17		

**Total hours completed**                      125

**Updated:**                      5/27/2020