B.S. Program in Engineering – Industrial Engineering Option

	FALL	WINTER	SPRING
First Year	*General Education* A1 COMM 1000 (4) B1 CHEM 1605 (4) B4 MATH 1304 (4) G1 GS 1011 (1) G4 LIBY 1210 (2) *Major* ENGR 1010 (2)	*General Education* A2 ENGL 1001 (4) B3 ENGR 2060 (4) F1 KPE Activity (1) G2 GS 1012 (1) *Major* ENGR 1420 (2) MATH 1305 (4)	*General Education* A3 Critical Thinking (4) B2 PSYC 1005 (5) F2 KPE Activity (1) *Major* ENGR 2070 (2) MATH 2304 (4)
Second Year	*General Education* C1 Humanities (4) D1 ECON 2301[1] (4) *Major* ENGR 3020 (4) PHYS 1001 (5) [1]Course satisfies a G.E. requirement and is also required in the major.	*General Education* ENGL 1002 (4) D2 KPE 2700 (4) *Major* PHYS 1002 (5) MATH 3331 (4)	*General Education* C3 Humanities (4) Any Area D Course (4) *Major* CS 1160 (4) PHYS 1003 (5)
Third Year	*GE/Other* F3 KPE Activity (1) *Major* ENGR 2010 (3) ENGR 3841 (4) D4 ENGR 3140 (4) ENGR 3601 (4)	*GE/Other* C2 Humanities (4) F4 KPE Activity (1) *Major* ENGR 3101 (4) ENGR 4100 (4) ENGR 3602 (4)	*GE/Other* C4 Upper Division Humanities (4) *Major* ENGR 4300 (4) B6 ENGR 3190 (4) ENGR 4400 (4)
Fourth Year	*GE/Other* U.S. History/ Government (4) *Major* ENGR 4200 (4) ENGR 4280 (4) MATH/SCIENCE Elective (4)	*GE/Other* U.S. History/ Government (4) *Major* ENGR 4430 (4) ENGR 4350 (3) ENGR 4610 (3) ENGR Elective (4)	*Major* ENGR 4603 (4) ENGR 4440 (4) ENGR 4620 (3) ENGR Elective (4)