INDUSTRIAL ENGINEERING

Effective: Fall 2018
Rev. Date 10/19/2018

Prerequisite or Concurrent

Offered Fall Semester Only

Course# (His) 
Course Name 
Sem__Grd____

Offered Spring Semester Only

Prerequisite

Hours taken from a single department and the IMSE electives can substitute for MANGT 420.

Substitutions: IMSE 501 or LEAD 350 can substitute for MANGT 420; IMSE 591 and IMSE 592 can substitute for IMSE 580. Conc. or prereq. requirement for IMSE 591 or 592 is 24 credit hours of IMSE courses of 500 level or above.

K-State II: The courses required for a B.S.E degree must satisfy five of the K-State 8 areas. The student must fulfill the aesthetic interpretation (AI), global perspectives (GP), and historical perspective (HP) tags. Most students will fill these tags with their humanities, social science or professional electives.

IMSE Assembly Requirement: Each semester a student must enroll in IMSE 015 unless he/she is a concurrent B.S./M.S.I.E. student, in which case he/she must enroll in either IMSE 015 or IMSE 892.

IMSE Graduation Criterion: At most 6 credit hours of IMSE 500+ courses that earned a D may be applied to a student’s B.S.I.E graduation requirements.

IMSE Course Retake Criterion: Any IMSE course being taken for the third time in any five-year period may not be used to fulfill a student’s B.S.I.E. graduation requirements.

Prerequisite for ENGL 415 is a “B” or better in ENGL 100. ENGL 200 must be taken if ENGL 100’s grade is “C”.

Total hours required for graduation: 124

Computer Programming Elective: The computer programming elective consists of 3 hours taken from CIS 200, CIS 209 or ME 400.

Engineering Electives: The 9 hours of basic engineering credit may not include more than 6 hours from a single department and the 9 hours must be selected from the following courses. Note, a student planning to take the FE exam is advised to take their 9 hours from classes with an *.

BAE 345; CE 333, 530* (at most one of 333 and 530); CHE 350, 354*, 355*, 356*, 520, and 521; ECE 410, 511, 519* and 571; ME 512*, 513*, and 571; IMSE 562.

Professional Electives: The 9 hours of professional electives are designed so that the student may specialize in an area of interest. Any of the following classes may count toward the professional elective requirement. Any IMSE class; any engineering, Physics, Chemistry, Biochemistry, Biology, Geology, Kinesiology above 300; and CIS class above 200; MATH 240 and any Mathematics class above 500 except MATH 570 and 591; any Statistics class above 500 except STAT 702, 703, 706 and 710; BIO 198, 201; CHEM 230; FIN 450, 510, 520, 643, 654; ACCTG 241, 331, 342, 433; ECON 510, 520, 530, 540; AGEC 680, 750;

影响的PASS: 学生必须至少在6个不同领域中选修9个学分。建议学生在准备参加FE考试时，至少选修9个学分。任何IMSE课程；任何工程学、物理学、化学、生物化学、生物学、地质学、运动科学、运动生理学、工程学、计算机科学、数学、统计学课程。生物学198，201；化学230；金融450，510，520，643，654；会计241，331，342，433；经济510，520，530，540；农业科学680，750；