INDUSTRIAL ENGINEERING **TOTAL HOURS = 120** 2019-2020 **SPRING SPRING SPRING SPRING FALL FALL FALL FALL** 3 4 5 6 8 С С (3) C ENGL 1001 (3) C ENGL 2000 (3) ART (3) SOCL SCI Gen Ed.\* Comp I Comp II Gen Ed\* (3) ME 3633 Mfg Proc. (3) CMST 1061 or (3) HUMN (3) ME 2733 (3) (3) HUMN (3) 2060 Gen Ed\* Engr Mat **Tech Elective** Gen Ed\* \*\* Life Science (3) IE 4113 (3) IE 3201 S (3)(3) CHEM 1201 ECON 2030 Project Basic Chem Engr Econ **Tech Elective** Econ Prin Management CATS 3 С (3) IE 4453 S П (3) CE 2450 F (3) IE 4516 (1) PHYS 2108 (3) CE 3400 (3) EE 2950 QC & Six Phys Lab Comp EE Statics Strength Plant Layout **Tech Elective** Sigma С С (3) IE 4520 (2) IE 4598 S (3) IE 3302 (3) IE 4362 (2) IE 4597 CATS 1: MATH (3) PHYS 2110 (3) PHYS 2112 Supply Chain Senior Design 1022/1023 Gen Phys Adv Stat Gen Phys Basic Stat Senior Design Logistics II CATS 3 Å CATS 4 CATS 5 С : (3) IE 3520 S F (3) IE 2060 : (3) IE 4530 (5) C MATH 1550 (4) C MATH 1552 (4) MATH 2090 Supply Chain Calculus I Calculus II DE & Lin Alg Lean Mfg. Intro Comp Logistics I CATS 2 CATS 3 CATS 4 (3) IE 2400 (3) IE 4425 S S (3) IE 1002 (3) IE 4461 Methods & Info Systems IE Fundamentals Hum. Fac. System Engr Engineering

FLOWCHART LEGEND

Credit or registration required

FLOWCHART LEGEND

FElectives must be from approved electives list, available in the

16

Grade of "C" or better required BEFORE moving on to one or more following

14

courses

ALEKS

HOURS: 17

С

Gen Ed General Education -See 2019-2020General Catalog IE Electives must be from approved electives list, available in the IE office or on the IE website http://www.lsu.edu/eng/mie/

15

15

15

\*\*IE4597/4598 may only be taken in the last two graduating semesters. Up to two of the four pre-requisites for IE4597 (IE 4425, 4453, 4461, & 4520) may be taken as co-requisites with IE4597.

\*\* Approved Natural Science – BIOL 10001/1201, BIOL 1011, ENVS 1126, ENVS 2126, HORT 2050, HORT 2061, AGRI 1005, AGRI 1001, OCS 2050, RNR 1001, or WGS 1001.

## Office: 3261C Patrick F Taylor Hall http://www.lsu.edu/eng/mie/

14 = 120

F Course taught in fall only

14

S Course taught in spring only

**CATS** # Critical Semester Requirements

\* IE students must also meet the GLOBAL KNOWLEDGE requirement. See the requirements sheet at http://www.lsu.edu/eng/mie/. Rev. 04/04/2019