

Engineering Technology

Concentration: Engineering Management

Catalog Term: Fall 2019



Total credit hours: 120

FRESHMAN (at WSU/community/technical college)			
FALL	Hrs	SPRING	Hrs
WSUE 102A: First Year Seminar in Technology and Innovation <i>General Education (S&BS)</i>	3	General Education* FA Note a	3
COMM 111 * Public Speaking	3	General Education (H) <i>Recommended: PHIL 125</i> Note a	3
MATH 242 Calculus I P: MATH 111 and 123 with "C"	5	MATH 243 Calculus II P: MATH 242 with "C"	5
ENGL 101 * College English I P: See Course Catalog	3	ENGL 102 * College English II P: ENGL 101 with "C"	3
Total Hours	14	Total Hours	14

SOPHOMORE (at WSU/community/technical college)			
FALL	Hrs	SPRING	Hrs
General Education (S&BS) <i>Recom: ECON 201 (Macro) or PSY 111 or SOC 111</i>	3	General Education* Further Study H/S&BS Note a	3
PHYS 213 General College Physics I P: MATH 123 with "C"	5	PHYS 214 General College Physics II P: PHYS 213 or 313 OR CHEM 211 General Chemistry I Co-req: MATH 111	5
Technical Elective <i>Recommended: BADM161/2/3</i> P: Math 111	3		
Technical Elective	3	ENGT 201 Fundamentals of Eng Tech P: WSUE 102A or equiv	1
		Technical Elective	4
Technical Elective	3	Technical Elective	4
Total Hours	17	Total Hours	17

JUNIOR (at WSU)			
FALL	Hrs	SPRING	Hrs
IME 222 + Lab Engineering Graphics P: MATH123 with "C"	3	MIS310* Fund. of Bus App. Dev. [#] P: MATH111 /Jnr & adv. Standing or CS 211 P: MATH 111	3
IME 255 * Engineering Economy Coreq: MATH 242	3	ENGT 312 Applied Statics C:MATH 243; P:PHYS 213 with "C-" (Spring only)	3
IME 258 Manufacturing Methods I P: MATH 123 with "C"	3	ENGT 354 * Statistical Process Control P: MATH 243 (Spring only)	3
ACCT 210 * Financial Accounting P: MATH 111 & BADM 160	3	BLAW 431 * Legal Environment of Business P: Junior or Advanced standing	3
MGMT 360 Principles of Management P: Junior standing	3	ECON 232 * Statistical Software Apps P: MATH 111 & BADM 160	1
		Engineer of 2020 Requirement (1 of 3) See notes	
Total Hours	15	Total Hours	13

SENIOR (at WSU)			
FALL	Hrs	SPRING	Hrs
ENGT 401 * Senior Design Project I P: ENGT 201 or 301; Dept approval	3	ENGT 402* Senior Design Project II P: ENGT 401	3
ENGR 501 The Engineer as Leader P: Junior standing (Spring only)	3	PHIL 385 Engineering Ethics P: Junior or senior standing	3
IB 333 * International Business P: Junior standing	3	DS 350 * Intro to Prod. & Oper. Management P: Junior or advnced standing	3
MKT 300 * Marketing P:ENGL 102,COMM 111 & MATH 111	3	HRM 466 * Fund. Of Human Resource Mgmt. P: Junior standing and MGMT 360	3
ENGT 664 * Engineering Project Management P: IME 255 and ENGT 354 with C (Fall only)	3	ENGT 441 * Analysis of Decision Processes P: IME 255 (Spring only)	3
Engineer of 2020 Requirement (2 of 3) See notes		Engineer of 2020 Requirement (3 of 3) See notes	
Total Hours	15	Total Hours	15

Last Updated: 01/2019

Notes: Students admitted after fall 2007 must fulfill the Engineer 2020 requirements.

* May be available as an online or hybrid class (upto 48 credit hours).

a. Humanities/Fine Arts/Social & Behavioral Science Courses must be from an approved list which appears in the Schedule of Courses and/or the community college Transfer Guides.

* Recommended option

students can choose to take CS211, and will take 1 less credit hour of Technical Electives