

MANAGEMENT ENGINEERING MAJOR
Program Tracking Sheet Based on AY 2018-19 Degree Requirements and Course Offerings

Name:	Class Year:
Advisor:	2 nd Major:

NOTES: Minimum total academic credit = 15 units

Residency Req.: Min. of 8 units must be completed at WPI

HUMANITIES AND ARTS REQUIREMENT (2 units)

All 5 HUA courses must be completed before beginning the Inquiry Seminar or Practicum.

Depth Component				
Students must complete at least three thematically-related courses prior to the culminating Inquiry Seminar or Practicum in the same thematic area. At least one of the three courses should be at the 2000-level or above.				
	Course	Term	Grade	Units
1				1/3
2				1/3
3				1/3
4	HU 3900 or HU 3910			1/3
Breadth Component				
Students must take at least one course outside the grouping in which they complete their depth component. To identify breadth, courses are grouped in the following manner.				
i. art/art history, drama/theatre, and music (AR, EN/TH, MU);				
ii. foreign languages (AB, CN, EN, GN, SP);				
iii. literature and writing rhetoric (EN, WR, RH);				
iv. history and international studies (HI, HU, INTL);				
v. philosophy and religion (PY, RE).				
Exception: May take all six courses in a foreign language				
5				1/3
Humanities Elective				
6				1/3

PHYSICAL EDUCATION (4 PE classes = 1/3 unit)

	Course	Term	Grade	Units
7				1/12
				1/12
				1/12
				1/12

SOCIAL SCIENCE (2/3 unit) The Social Science requirement is satisfied by Micro and Macroeconomics, which are required for Business Foundation.

THE INTERACTIVE QUALIFYING PROJECT (1 unit)

	Course	Term	Grade	Units
8				1/3
9				1/3
10				1/3

FREE ELECTIVES (5/3 unit)

	Course	Term	Grade	Units
11				1/3
12				1/3
13				1/3
14				1/3
15				1/3

REQUIREMENTS (Note 1)

BUSINESS FOUNDATION (11/3 units)

The courses in the chart below are required. Microeconomics and Macroeconomics also fulfill the WPI Social Science Requirement.

	Course	Term	Grade	Units
16	BUS 1010			1/3
17	BUS 1020			1/3
18	BUS 2020			1/3

	Course	Term	Grade	Units
19	BUS 2060			1/3
20	BUS 2070			1/3
21	BUS 2080			1/3
22	BUS 3010			1/3
23	BUS 3020			1/3
24	BUS 4030			1/3
25	Microeconomics			1/3
26	Macroeconomics			1/3

MATHEMATICS (4/3 units)

Must include 2/3 units of calculus and 2/3 units of statistics.

	Course	Term	Grade	Units
27				1/3
28				1/3
29				1/3
30				1/3

BASIC SCIENCE (2/3 units) (BB, CH, PH, GE)

	Course	Term	Grade	Units
31				1/3
32				1/3

MANAGEMENT ENGINEERING MAJOR (6/3 units) (Note 2)

	Course	Term	Grade	Units
33				1/3
34				1/3
35				1/3
36				1/3
37				1/3
38				1/3

BREADTH ELECTIVES (3/3 unit) (Note 3)

	Course	Term	Grade	Units
39				1/3
40				1/3
41				1/3

COMPUTER SCIENCE (1/3 unit)

A minimum of 1/3 unit of Computer Science (except CS 2022 and CS 3043). CS 1004, CS 1101, or CS 1102 is recommended.

	Course	Term	Grade	Units
42				1/3

MANAGEMENT ENG. MAJOR QUALIFYING PROJECT (3/3 unit)

	Course	Term	Grade	Units
43				1/3
44				1/3
45				1/3

Note 1: Courses may not be counted more than once in meeting these distribution requirements.

Note 2: Must complete six courses from one of the concentrations as specified below:

BIOMEDICAL ENGINEERING

CHEMISTRY

CIVIL ENGINEERING

ELECTRICAL AND COMPUTER ENGINEERING

MANUFACTURING ENGINEERING

MECHANICAL ENGINEERING

OPERATIONS MANAGEMENT

Custom MGE Program

More information can be found in the Undergraduate Course Catalog, under Program Distribution Requirements for the Management Engineering Major.

Note 3: Must include at least one 3000- or 4000-level course from ACC, BUS, ETR, FIN, MIS, MKT, OBC, OIE. The remaining 2/3 units may be

satisfied with courses from ACC, BB, BUS, CH, CS, ECON, ENV, ETR, FIN,
GE 2341, GOV, MA, MIS, MKT, OBC, PH, PSY, SD, SOC, SS ,STS.