

MANAGEMENT ENGINEERING MAJOR
Program Tracking Sheet Based on AY 2017-18 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)

7				1/12
				1/12
				1/12
				1/12

SOCIAL SCIENCE (2/3 unit) The Social Science requirement is satisfied by Microeconomics and Macroeconomics which are requirements for the Business foundations.

THE INTERACTIVE QUALIFYING PROJECT (1 unit)

8				1/3
9				1/3
10				1/3

FREE ELECTIVES (1 unit)

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, if done an additional 2/3 unit of Free Electives will be needed.

16	BUS 1010			1/3
17	BUS 1020			1/3
18	BUS 2020			1/3
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.

27				1/3
28				1/3
29				1/3
30				1/3

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

31				1/3
32				1/3

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

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)

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 1101, CS 1102, or CS 1004 is recommended.

42				1/3
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MANAGEMENT ENG. MAJOR QUALIFYING PROJECT (3/3 unit)

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 on page 55 and 56 of 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.