

MANAGEMENT ENGINEERING MAJOR

Program Tracking Sheet

Effective for students entering AY 2020-2021

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 (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
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Humanities Elective

6				1/3
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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 Micro and Macroeconomics, which are required for Business Foundation.

THE INTERACTIVE QUALIFYING PROJECT (1 unit)

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

FREE ELECTIVES (5/3 unit)

11				1/3
12				1/3
13				1/3
14				1/3
15				1/3

BUSINESS FOUNDATION (11/3 units) (Note 1)

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

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 1004, CS 1101, or CS 1102 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 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.