

INDUSTRIAL ENGINEERING MAJOR

Department of Management
Worcester Polytechnic Institute
Program Tracking Sheet

NAME: _____

INSTITUTE REQUIREMENTS

Social Science (2/3 units)

Sufficiency (2 units)

Physical Education (1/3 unit)

Interactive Qualifying Project (1 unit)

Free Electives (1 unit)

DEPARTMENT REQUIREMENTS

Mathematics and Science (4 units)

Select from the following courses.

Must include differential and integral calculus,
ordinary differential equations:

____ MA 1021 ____ MA 1022
____ MA 1023 ____ MA 1024
____ MA 2051 ____ MA _____

2/3 units of probability and statistics:

____ MA 2611 ____ MA 2612
____ MA 2631 ____ MA 3627
____ MA 3631

Chemistry and physics (with at least a two course
sequence in one area):

____ CH 1010 ____ CH 1020
____ PH 1110 ____ PH 1120
____ _____ ____

Other courses to meet the 4-unit requirement:

____ MA 2071 ____ MA 2073
____ MA 2271 ____ MA 2273
____ CH 1030 ____ CH 1040
____ PH 1130 ____ PH 1140
____ BB 1001 ____ GE 2341
____ _____ ____

Industrial Engineering Core (3 units)

Choose one from each area:

____ OIE 2500 **OR** ____ MA 3231
____ OIE 3400 **OR** ____ OIE 3405
____ OIE 3401
____ OIE 3460 (formerly MG/IE 3760)
____ OIE 3420 **OR** ____ OIE 3501
____ MIS 2720
____ OIE 2850 (can also count FIN 2200 if
matriculated before January 2002)
____ OBC 2300 **OR** ____ OBC 3351

____ _____ An engineering basics
course; the following are recommended
courses: ES 1310, ES 2001, ME 1800,
ME 2820, ECE 2011, ECE 3601, CS 2011,
CS 4032/MA 3257.

Industrial Engineering Electives (1 unit)

Select from:

OIE 3405, OIE 3420, OIE 3450, OIE 3501,
MIS 3720, OIE 4410, OIE 4460, MIS 4720,
MA 3231, MA 3233, MA 3627, MA 3631,
MA 4235, MA 4237, MA 4631, MA 4632

Technical Elective (1 unit)

Select one unit from industrial engineering
electives or any course satisfying engineering
science/design credit.

Major Qualifying Project (1 unit)

TOTAL for graduation: 15 units

(STUDENT SIGNATURE AND DATE)

(ADVISOR SIGNATURE AND DATE)

STUDENT ID: _____