

Program of Study
Master of Science, Interdisciplinary Studies
Manufacturing Engineering Management

Worcester Polytechnic Institute

Student Information: Name: _____
 SSN/ID: _____

Phone: _____
 E-mail: _____

Instructions for preparing the Plan of Study:

As an applicant to the Master of Science for Interdisciplinary Studies in Manufacturing Engineering Management, you are expressing academic interests in two fields: manufacturing engineering and management. This specialized degree allows you to combine coursework from different departments to meet your unique professional development objectives and academic interests. You should work closely with your advisors to identify coursework that meets your personal needs and completes a sound graduate degree program. You may select 30 credits of coursework from the Manufacturing Engineering Management curriculum, provided that no more than half of the total academic credit is taken in any one department. In the table below, please list your future coursework under the appropriate academic interest. ***If one course addresses both interests, please only list it once. Please sign form, with advisors' names printed, and submit it to the Graduate Studies & Enrollment Office with your application.***

Manufacturing Engineering

Management

In this section, list 30 credits of coursework to fulfill the requirements of the Master of Science in Interdisciplinary Studies.

| Course # | Course Name | Credits |
|----------|-------------|---------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| Course # | Course Name | Credits |
|----------|-------------|---------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Student Signature: _____ Date: _____

Advisors:
Advisors will review the entire Application for Admission to Graduate Study. The signature of each advisor on the applicant's Plan of Study represents approval of the selected coursework for the degree program and a recommendation for admission to the Master of Science in Interdisciplinary Studies.

Advisors

| | | |
|------------|-----------|------|
| Print Name | Signature | Date |
| | | |
| Print Name | Signature | Date |
| | | |

I do not recommend this student for admission in into the interdisciplinary degree program:

Advisor

| | | |
|------------|-----------|------|
| Print Name | Signature | Date |
| | | |

Program of Study
Master of Science, Interdisciplinary Studies
Manufacturing Engineering Management

Worcester Polytechnic Institute

Degree Requirements

The interdisciplinary Master's Degree in Manufacturing Engineering Management will be similar to most other Engineering Master's degrees currently offered by WPI. Students must complete 30 credit hours of course work in Manufacturing Engineering Management related courses as defined by the coordinating faculty. No more than 15 credit hours can be chosen from any department. There will be no thesis option but MFE 598 or MG 598 offers the student the opportunity to do specialized applied research that is more compatible with the intent of the program.

Courses that can be counted for credit in the Master's Degree in Manufacturing Engineering Management will come from the following courses currently listed in the WPI graduate catalog:

Available Courses

Management (choose 15 credits)

MG 503 Organizational Behavior
MG 504 Operations Management
MG 507 Management Information Systems
MG 531 Managing Organizational Change
MG 541[†] Operations Risk Management
MG 542 Quality Planning and Control
MG 546 Managing Technological Innovation
MG 548 Productivity Management
MG 572 Telecommunications Mgmt and Electronic Commerce
MG 576 Project Management
MG 598* Independent Study

Engineering (choose 15 credits)

FPE 563[†] Operations Risk Management
MFE 510 Control and Monitoring of Manufacturing Processes
MFE 511 Application of Industrial Robotics
MFE 520 Design and Analysis of Manufacturing
MFE 530 Computer-Integrated Manufacturing
MFE 540 Design for Manufacturability
MFE 598* Directed Research

* A maximum of 6 credits are allowed from the combination of MG 598 and MFE 598.

[†] MG 541/ FPE 563 is dual listed and can be counted only once.