OPERATIONS, INFORMATION & DECISIONS: OPERATIONS MANAGEMENT/MANAGEMENT SCIENCE TRACK, BS

The Operations Management / Management Science track addresses central issues necessary to understand production and service operations in today's global economy. This program provides a rigorous foundation for immediate careers in consulting and analytic strategy support for companies, as well as future graduate studies in economics and business. The courses allow students to build a fundamental understanding of the tradeoffs to consider when managing the development of products and services, as well as the operations used to produce them and fulfill customer requirements.

The need to effectively manage the production of goods and services has also sparked the development of a number of useful mathematical tools. Besides their direct application to operational problems, these management science techniques have been broadly applied to a wide variety of other economic activities, from the pricing of financial instruments to decisions concerning markdown policies in retailing.

For more information: https://oid.wharton.upenn.edu/programs/undergraduate/operations-management-management-science-track/

Operations, Information & Decisions - Operations Management/Management Science Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Course Units</th>
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</thead>
<tbody>
<tr>
<td>OIDD 220</td>
<td>Introduction to Operations Management</td>
<td>1</td>
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<tr>
<td>or OIDD 321</td>
<td>Introduction to Management Science</td>
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<tr>
<td>Complete three course units of Operations Management/Management Science electives</td>
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<tr>
<td>OIDD 220</td>
<td>Introduction to Operations Management</td>
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<tr>
<td>OIDD 224</td>
<td>Analytics for Service Operations</td>
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<td>OIDD 321</td>
<td>Introduction to Management Science</td>
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<tr>
<td>OIDD 353</td>
<td>Mathematical Modeling and its Application in Finance</td>
<td>1</td>
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<td>OIDD 380</td>
<td>Operations Strategy Practicum</td>
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<td>OIDD 397</td>
<td>Retail Supply Chain Management</td>
<td>1</td>
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<tr>
<td>OIDD 415</td>
<td>Product Design</td>
<td>1</td>
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<tr>
<td>Other Wharton Requirements</td>
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<td></td>
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<tr>
<td>Total Course Units</td>
<td>37</td>
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</table>

Other Wharton Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Course Units</th>
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<tbody>
<tr>
<td>First-Year Foundations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON 010</td>
<td>Introduction to Economics for Business</td>
<td>1</td>
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<tr>
<td>or MATH 110</td>
<td>Calculus for Wharton Students</td>
<td>1</td>
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</tbody>
</table>

Writing

Critical Writing Seminar                          1

Business

Business Breadth (non-concentration courses)      3

Leadership Journey

WH 101  Business and You                        0.5
WH 201  Business Communication for Impact       0.5
WH 301  Business Communication for Impact       0.5
Capstone Course/Project                         0.5

Fundamentals

ACCT 101  Accounting and Financial Reporting    1
ACCT 102  Strategic Cost Analysis               1
BEPP 250  Managerial Economics                  1
FNCE 100  Corporate Finance                      1
FNCE 101  Monetary Economics and the Global Economy | 1
LGST 100  Ethics and Social Responsibility       1
or LGST 101  Law and Social Values              | 1

MGMT 101  Introduction To Management            1
MKTG 101  Introduction to Marketing             1
OIDD 101  An Introduction to Operations, Information and Decisions | 1
STAT 101  Introductory Business Statistics      1
STAT 102  Introductory Business Statistics      1

Global Economy, Business & Society

One course unit required                        1

Technology, Innovation & Analytics

One course unit required                        1

Liberal Arts & Sciences

Second semester-level foreign language          1

General Education Distribution

Select 6 courses with at least 1 course unit in each of the following categories: 6

- Humanities
- Natural Science, Math & Engineering
- Social Science

Cross-Cultural Perspectives

Select 3 courses                                  3

Unrestricted Electives

Select five courses                               5

Total Course Units                               33

1 For students who take ECON 001 Introduction to Micro Economics and ECON 002 Introductory Economics: Macro in place of ECON 010 Introduction to Economics for Business of these courses can be slotted for ECON 010 on the worksheet. The second course may be used to fulfill a General Education Distribution or Unrestricted Elective requirement.

2 Two can double-count as General Education Distribution courses.

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2020 and later. Students should
consult with their academic program regarding final certifications and requirements for graduation.