## MANUFACTURING & SUPPLY CHAIN MANAGEMENT

Bachelor of Science - Department of Decision Sciences - College of Business & Economics

### PLAN OF STUDY 2022-2023

**NAME:**

**W#:**

**GRADUATION QUARTER:**

Fill out this form as completely as you can before meeting with your advisor for review. If a course is completed, add the grade in the "Completed" column. Indicate current in-progress courses with "IP". If a course has not been completed, indicate which quarter you intend to take it by marking an "X" in the correct column. All plans of study are TENTATIVE pending registration availability.

### Course Planning Tips

- One Communication Focus (CF) course: OPS 464
- A minimum of three writing proficiency points from approved upper division courses: OPS 464 (WPS)
- A minimum of 90 credits in areas other than accounting & business administration
- A minimum of 180 total credit hours (a maximum of 105 transferred credits)
- A minimum of 60 credits must be upper division (300 or 400 level courses)
- A minimum of 50% of Business Admin. credits must be taken at WWU
- Complete MATH 157, DSCI 205, ACCT 240, and ACCT 245 early
- Admission to MSCM program as a full major requires a minimum GPA of 3.0 in MSCM foundation courses (including Chemistry and Physics)
- Take OPS 360 as soon as possible after completing the prerequisites
- ENGR 104 is typically only offered once per year during spring quarter
- OPS 461: Project Management (WPS)
- Two Electives from:
  - ENGR 130 - Intro to Engineering and Design
  - MGMT 313 - Teamwork Basics
  - OPS 467 - Logistics Modeling & Analysis
- Three Electives Under Advisement:
- Elective Under Advisement: See WWU Catalog

### Graduation Requirements

- Electronic Engineering
- Management Science w/ Spreadsheets
- MIS 321 - Systems Analysis and Design
- MIS 320 - Mgmt Information Systems
- MGMT 311 - Intro to Mgmt & Organ'l Behavior
- MGMT 313 - Teamwork Basics
- MGMT 321 - Systems Analysis and Design
- MGMT 491 and MGMT 492 may be substituted for MGMT 495 with advisor permission
- ENGR 104: Intro to Engineering and Design
- Elective Under Advisement: See WWU Catalog
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### Core (28 Credits)

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ACCT 240 - Financial Accounting</td>
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<td>ACCT 245 - Managerial Accounting</td>
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<tr>
<td>DSCI 205 - Business Statistics</td>
</tr>
<tr>
<td>MATH 220 - Intro to Business Computer Sys w/lab</td>
</tr>
<tr>
<td>MATH 257 - Calculus for Business</td>
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<tr>
<td>CHEM 151 - General Chemistry 1 (w/lab)</td>
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<tr>
<td>PHYS 114 - Principles of Physics 1</td>
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<tr>
<td>ECON 206 - Introduction to Microeconomics</td>
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<td>ECON 207 - Introduction to Macroeconomics</td>
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<td>MGMT 271 - Business Law</td>
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### Advanced Core (4 Credits)

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MGMT 495 - Strategic Management*</td>
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### Major (35 Credits)

<table>
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<tr>
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<tbody>
<tr>
<td>OPS 460 - Designing &amp; Improving Operations (WPS)</td>
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<tr>
<td>OPS 461 - Project Management</td>
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<tr>
<td>OPS 463 - Enterprise Resource Planning (WPS)</td>
</tr>
<tr>
<td>OPS 465 - Supply Chain Management (WPS)</td>
</tr>
<tr>
<td>OPS 466 - Manufacturing Strategy (WPS)</td>
</tr>
<tr>
<td>ENGR 104 - Intro to Engineering and Design</td>
</tr>
<tr>
<td>MIS 321 - Systems Analysis and Design</td>
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<tr>
<td>MIS 320 - Management Science w/ Spreadsheets</td>
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<tr>
<td>MIS 465 - Quality Management</td>
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<tr>
<td>MIS 467 - Logistics Modeling &amp; Analysis</td>
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### Elective Courses (19-20 Credits)

All elective courses must be approved by your Faculty Adviser.

### Internship (5 Credits)

<table>
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<tr>
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<tbody>
<tr>
<td>OPS 464 - Int'l Management Practicum (WPS)</td>
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</tbody>
</table>

### Prerequisites

- ACCT 240: Financial Accounting
- ACCT 245: Managerial Accounting
- DSCI 205: Business Statistics
- MATH 220: Intro to Business Computer Sys w/lab
- MATH 257: Calculus for Business
- CHEM 151: General Chemistry 1 (w/lab)
- PHYS 114: Principles of Physics 1
- MATH 257: Calculus for Business
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- MATH 257: Calculus for Business
- MATH 257: Calculus for Business
- MATH 257: Calculus for Business
- PHYS 114: Principles of Physics 1
- MATH 257: Calculus for Business
- MATH 257: Calculus for Business
- MATH 257: Calculus for Business
- PHYS 114: Principles of Physics 1

### CR - COMPLETED

- ACCT 240: Financial Accounting
- ACCT 245: Managerial Accounting
- DSCI 205: Business Statistics
- MATH 220: Intro to Business Computer Sys w/lab
- MATH 257: Calculus for Business
- CHEM 151: General Chemistry 1 (w/lab)
- PHYS 114: Principles of Physics 1
- MATH 257: Calculus for Business
- PHYS 114: Principles of Physics 1

### Graduation Requirements

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- A minimum of 50% of Business Admin. credits must be taken at WWU
- Complete MATH 157, DSCI 205, ACCT 240, and ACCT 245 early

### Other Registration Restrictions

- One Communication Focus (CF) course: OPS 464
- Admission to MSCM program as a full major requires a minimum GPA of 3.0 in MSCM foundation courses (including Chemistry and Physics)
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- Three Electives Under Advisement:
- Elective Under Advisement: See WWU Catalog
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- Elective Under Advisement: See WWU Catalog

### Core Courses

- ACCT 240 - Financial Accounting
- ACCT 245 - Managerial Accounting
- DSCI 205 - Business Statistics
- MATH 220 - Intro to Business Computer Sys w/lab
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- PHYS 114 - Principles of Physics 1
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### Elective Courses

- OPS 460 - Designing & Improving Operations (WPS)
- OPS 461 - Project Management
- OPS 463 - Enterprise Resource Planning (WPS)
- OPS 465 - Supply Chain Management (WPS)
- OPS 466 - Manufacturing Strategy (WPS)
- ENGR 104 - Intro to Engineering and Design
- MIS 321 - Systems Analysis and Design
- MIS 320 - Management Science w/ Spreadsheets
- MIS 465 - Quality Management
- MIS 467 - Logistics Modeling & Analysis

### Internship

- OPS 464 - Int'l Management Practicum (WPS)
- OPS 464 - Int'l Management Practicum (WPS)

Email a copy of your advisor approved plan of study to the Decision Sciences Department Manager at OfficeDSCI@wwu.edu