

BACHELOR OF SCIENCE DEGREE

MSUM's Operations Management Bachelor of Science Degree prepares individuals with a technical knowledge base for a career managing people, projects or processes. The program focuses on taking a technical professional and teaching them how to lead in their technical environment, supply management field, Industrial Distribution/Technology fields.

SUGGESTED COURSE SEQUENCING

JUNIOR YEAR

Fall Semester:

Tech 380 Methods Improvement	3 cr
Tech 394 Computer Applications	3 cr
*Acct 230 Financial Accounting	3 cr
Math 127 College Algebra	3 cr
MNTC/Gen Ed	<u>3 cr</u>
Total	15 cr

Spring Semester:

Tech 485 Production and Inventory	3 cr
Tech 493 OS & H	3cr
Math 234 Probability and Statistics	3cr
Chem 150/L or Chem 105w/L ONE ONLY	3cr
MNTC/Gen Ed	<u>3cr</u>
Total	15 cr

SENIOR YEAR

Fall Semester:

Tech 383 Cost Analysis	3 cr
Tech 482 Quality Plan/Impl	3 cr
ECON 202 Principles of ECON	3 cr
*Physics 160/L or CHEM 304	3 cr
ENGL 387 Tech Rpt Wtg (WI)	<u>3 cr</u>
Total	15 Cr

Spring Semester:

Tech 385 Process Leadership	3cr
Tech 428 Project Managemnet	3 cr
MGMT 360 Principles of Mgmt	3 cr
MNTC/Gen Ed	3cr
MNTC/Gen Ed	<u>3cr</u>
Total	15 cr

***469 Internships: Internships are often completed in the summer. You have to have completed 4 Tech courses before registering for your Internship.**

FALL ONLY CLASSES:

- Tech 380 Methods
- Tech 383 Cost
- Tech 482 Quality
- Physics 160/L

SPRING ONLY CLASSES:

- Tech 485 Production Inventory Management
- Tech 493 OSHA
- Tech 385 Process Leadership
- Tech 428 Project Management

TO REGISTER FOR MATH:

You need to have an SAT/ACT math score on file or take the AccuplacerTest. Contact ARO at 1.218.477.4318.

ACCOUNTING:

We recommend you have or be in Principles of Accounting when you register for Tech 383 Cost Analysis

STATISTICS:

We recommend you have or be in Statistics before registering for Quality and Production Inventory Management.

WRITING INTENSIVE REQUIREMENTS:

You must take two writing intensive courses. Both of those courses MUST come from MSUM. You **can not** transfer in a writing intensive course to fulfill this requirement. One of your writing intensive courses is Tech 385 Process Leadership (core requirement). The other writing intensive course is ENGL 387 Technical Report Wtg