



MSOTM 4+1

Do you have a strong quantitative aptitude and enjoy problem-solving? Our MSOTM 4+1 program is designed for you to earn an MS degree in just one year after completing your undergraduate degree. Students develop the skills necessary to engineer a competitive advantage with innovative solutions. The students take five common courses and any five electives in operations management and information systems. Students from various majors can pursue this program as long as they meet the prerequisite requirements.

Program Requirements

Apply as a junior or senior and select MSOTM under the academic interest heading in your online application at

<https://www.goportlandgrad.org/application>

- statement of goals, current resume, two letters of recommendation, to be emailed to gradschl@up.edu
- fundamental knowledge of marketing, finance and accounting by way of work experience, internships or tutorials, and a
- minimum 3.20 GPA to waive the GMAT/GRE exam.

GMAT or GRE examination - minimum 55th percentile in mathematics and 50th percentile verbal score.

For more information please reach out to our

Program Director, Melissa McCarthy: mccarthy@up.edu

503.943.7224

visit us at <https://business.up.edu/undergraduate/msotm-4plus1.html>

Curriculum 30 Hours

Prerequisites (3 Credits)

Introduction to Operations & Technology Management

Core (12 credits)

Decision Modeling Business Analytics
 Process Analysis & Quality Management
 Project Management

Capstone (3 credits)

Strategic Issues in Management or Research Methods

Electives (choose any five of the following)

Operations Management (OM)

Supply chain management
 Inventory Management
 Optimization
 Production and Service Operations
 R Programming and Simulation
 Project Management Processes & Certification
 Contemporary Logistics Management
 Master Planning & Detailed Scheduling
 Execution and Control of Operations and Strategic
 Management of Resources

Information Systems (IS)

Database Management
 Systems Analysis and Design
 Power Problem Solving with VBA
 IT Auditing
 IT Security Assessment & Management
 IT Project Management
 Business Data Communications & E-Commerce

