# School of Business

Operations Management M.S.

**Department of Management and Marketing**  
**Department Chair:**Constance Milbourn

**Program Director:** Paul Jacques

**Management Program Faculty:** Casey, Farinella, Jacques, Sahba

Admission Requirements

1. Completed application form accompanied by a $50 nonrefundable application fee.

2. A Bachelor's degree from an accredited college or university with a minimum G.P.A. of 3.0 on a 4.0 scale.

3. Official transcripts of all undergraduate and graduate records.

4. An applicant’s letter describing the applicant’s professional goals including how the program will help the applicant achieve these professional goals.

5. Three letters of recommendation that address professional or practical/applied experience in the field of Operations Management as a whole. At least one of the letters of recommendation must be from a professional employed within the field of Operations Management or a Management instructor in higher education.

6. Completion of the Graduate Management Admissions Test (GMAT) or Graduate Record Examination (GRE). Note: Candidates with a degree in business from Rhode Island College or the University of Rhode Island, with a 3.00 GPA in the major, will be exempt from the GMAT/GRE requirement.

7. An interview may be required.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| MGT 455  Or | Global Logistics and Enterprise Management | 3 | As needed |
| MGT 501 | The Strategic Nature of Operations Management | 2 | F, Sp, Su |
| MGT 530 | Analytics, Data Analysis and Decision Making | 4 | Annually |
| MGT 536 | Creating and Leading High-Performance Teams | 4 | Annually |
| MGT 537 | High Performance Project Management | 4 | Annually |
| MGT 590 | Directed Research Seminar | 4 | F, Sp, Su |

Electives

Twelve (12) credits from either content area listed below, in any combination.

Health Care Administration Operations

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| --- | --- | --- | --- |
| HCA 501/HCA 401 | Health Law and Ethics | 3 | F, Sp, Su |
| HCA 537 | Performance Improvement in Health Care | 3 | F, Sp |
| HCA 547 | Transformational Leadership in Health Care Organizations | 3 | Sp |

Project Management

|  |  |  |  |
| --- | --- | --- | --- |
| MGT 542 | Project Risk and Cost Management | 4 | Annually |
| MGT 543 | Project Communications Management | 4 | Annually |
| MGT 544 | Program Management | 4 | Annually |

Supply Chain Management

|  |  |  |  |
| --- | --- | --- | --- |
| MGT 545 | Production and Inventory Management | 4 | Annually |
| MGT 546 | Logistics | 4 | Annually |
| MGT 547 | Supply Chain Management | 4 | Annually |

Total Credit Hours: 30-33

**MGT 490 - Directed Study (3)**

Designed to be a substitute for a traditional course under the instruction of a faculty member.

Prerequisite: Consent of instructor, department chair and dean.

Offered: As needed.

**MGT 491 - Independent Study I (3)**

The student will select a research topic and under the mentorship of a faculty advisor, will conduct comprehensive research on the selected and approved topic.

Prerequisite: Admission into management honors program and consent of instructor, department chair and dean.

Offered: As needed.

**MGT 492 - Independent Study II (3)**

This course continues the development of research begun in MGT 491. The honors research is completed under the consultation of a faculty advisor. A research paper and presentation are required.

Prerequisite: MGT 491 and consent of instructor, department chair and dean.

Offered: As needed.

**MGT 501 – The Strategic Nature of Operations Management (2)**

This course examines the overall domain of the role of the Operations Manager. Particular emphasis is on improving existing skills in process analysis, demand forecasting, and Supply Chain metrics.

Prerequisite: Consent of department chair.

Offered: Fall, Spring, Summer

**MGT 515 - Leading Change and Innovation (3)**

This course covers the theory and practice underlying successful organizational change. Topics include assessment of organizational effectiveness/performance, organizational development techniques, change methodologies and individual, group and organizational change processes.

Prerequisite: Graduate status, program admission or consent of instructor.

Offered: Fall, Spring.

**MGT 520 - Developing High-Performance Teams (3)**

This course examines skills necessary to manage organizational relationships. Particular attention is given to relationship management issues, such as team building, negotiation and conflict and development of emotional intelligence skills.

Prerequisite: Graduate status, program admission or consent of instructor.

Offered: Fall, Spring.

**MGT 530 - Analytics, Data Analysis and Decision Making (4)**

This course examines a variety of data analysis methods. Particular attention is given to regression modeling, time series modeling and analytics using simulations.

Prerequisite: Graduate status.

Offered: Annually.

**MGT 535 - Project Management (3)**

Students explore concepts and solutions that support the selection, planning, execution, control, management, performance responsibility, and measurement activities required for successful project completion.

Prerequisite: Graduate status, program admission or consent of instructor.

Offered: Fall, Spring.

**MGT 536 - Creating and Leading High-Performance Teams (4)**

This course will give students an understanding of work design principles that lead to productive workplaces, effective change management and enhanced team collaboration and innovation.

Prerequisite: Graduate status.

Offered: Annually.

**MGT 537 - High Performance Project Management (4)**

Students learn project planning, execution, management and measurement techniques, with an emphasis on the completion of projects on-time and within budget.

Prerequisite: Graduate status.

Offered: Annually.

**MGT 542 - Project Risk and Cost Management (4)**

Students learn to identify and analyze project risk and to select an effective response strategy. Topics include cost management, cost estimation and cost control.

Prerequisite: Graduate status, MGT 537.

Offered: Annually

**MGT 543 - Project Communications Management (4)**

This course examines various styles of communication and conflict resolution. Students will develop communication, conflict management and negotiation skills.

Prerequisite: Graduate status, MGT 537.

Offered: Annually.

**MGT 544 - Program Management (4)**

Students learn how managers support successful project-level activity with a focus on decision-making capacity and understanding requisite systems.

Prerequisite: Graduate status, MGT 537.

Offered: Annually.

**MGT 545 - Production and Inventory Management (4)**

Students learn the design and management of manufacturing, service and distribution processes, including the interrelationship of demand, planning and an introduction to the transportation of goods.

Prerequisite: Graduate status, MGT 536.

Offered: Annually.

**MGT 546 - Logistics (4)**

Students examine the process of moving raw materials and finished products in an optimal way. Topics include distribution, transportation, global issues and inventory controls.

Prerequisite: Graduate status, MGT 536.

Offered: Annually.

**MGT 547 - Supply Chain Management (4)**

Students examine the role of supply chain managers in manufacturing, retail, transportation, government agencies and service firms.

Prerequisite: Graduate status, MGT 536.

Offered: Annually.