Operations Management M.S.

**Department of Management and Marketing**
**Department Chair:** Michael Casey

**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 | Global Logistics and Enterprise Management | 3 | As needed |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| MGT 525Managing Continuous Quality and Processes Improvement3AnnuallyMGT 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 Project  | 4 | F, Sp, Su |
|  |  |  |  |

Electives

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

**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 |

Health Care Administration Operations

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

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Total Credit Hours: 31-33

NOTE TO K.MACHADO: A separate proposal has been sent to UCC to revise MGT 455 from 3 to 4 credits. If passed, the total number of credits for the MS program will be 32-34.

# Courses

## MGT - Management

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 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, 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, MGT537

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

MGT 590 - Directed Research Project (4)

Students identify a meaningful applied/action research project. The student prepares a project proposal, conducts the project and presents results.

Prerequisite: Graduate status, permission of instructor; completion of a minimum of 22 credit hours in MS Operations Management Program.

Offered: F, S, Su

# Undergraduate /Graduate Certificate Programs

Certificate of Graduate Study Programs

|  |  |
| --- | --- |
| **Area of Study**  | **Certificate**  |
| Advanced Counseling (p. 51) | C.G.S. |
| Advanced Study of Creative Writing (p. 51) | C.G.S. |
| Advanced Study of Literature (p. 51) | C.G.S. |
| Autism Education (p. 51) | C.G.S. |
| Child and Adolescent Trauma (p. 52) | C.G.S.  |
| Financial Planning (p. 52) | C.G.S. |
| Health Psychology (p. 53) | C.G.S. |
| Healthcare Quality and Patient Safety (p. 53)  | C.G.S. |
| Historical Studies (p. 53) | C.G.S.  |
| Mathematics Content Specialist: Elementary (p. 54) | C.G.S. |
| Middle Level Education (p. 54) | C.G.S. |
| Modern Biological Sciences (p. 54) | C.G.S. |
| Nonprofit Leadership (p. 54) | C.G.S.  |
| Nursing Care Management (p. 55) | C.G.S.  |
| Physical Education (p. 55) | C.G.S. |
| Project Management (p. 3) | C.G.S. |
| Public History (p. 55) | C.G.S. |
| RIC/TFA Elementary Education (p. 52) | C.G.S. |
| RIC/TFA Secondary Education (p. 56) | C.G.S. |
| Severe Intellectual Disabilities (p. 56) | C.G.S. |
| Supply Chain Management (p. 4) |  |
| Teaching English as a Second Language (p. 56) | C.G.S.  |

##

## Certificate of Graduate Study

Insert after the physical education C.G.S.

Project Management C.G.S.

Admission Requirements

1. Completed application form accompanied by a $50 non-refundable application fee.
2. A bachelor’s degree from an accredited college or university, with a minimum GPA 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 including Project Management, Supply Chain Management or related. 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. An interview may be required.

Retention Requirement

1. A minimum cumulative grade point average of 3.00 on a 4.00 scale.

2. A minimum grade of B in all courses comprising the CGS. Students who receive a grade below a B in any of these courses must meet with the program director. If it is recommended that the student continue, the student must retake the course.

3. Failure to meet any one of the above requirements is sufficient cause for dismissal from the program.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| MGT 537 | High Performance Project Management | 4 | Annually |
| MGT 542 | Project Risk and Cost Management | 4 | Annually |
| MGT 543 | Project Communications Management | 4 | Annually |
| MGT 544 | Program Management  | 4 | Annually |
|  |  |  |  |
| **Total Credit Hours: 16** |

Insert after the Severe Intellectual Disabilities (SID) C.G.S.

supply chain Management C.G.S.

Admission Requirements

1. Completed application form accompanied by a $50 non-refundable application fee.
2. A bachelor’s degree from an accredited college or university, with a minimum GPA 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 including Project Management, Supply Chain Management or related. 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. An interview may be required.

Retention Requirement

1. A minimum cumulative grade point average of 3.00 on a 4.00 scale.

2. A minimum grade of B in all courses comprising the CGS. Students who receive a grade below a B in any of these courses must meet with the program director. If it is recommended that the student continue, the student must retake the course.

3. Failure to meet any one of the above requirements is sufficient cause for dismissal from the program.

Course Requirements

Courses

|  |  |  |  |
| --- | --- | --- | --- |
| MGT 536 | Creating and Leading High-Performance Teams | 4 | Annually |
| MGT 545 | Production and Inventory Management | 4 | Annually |
| MGT 546 | Logistics  | 4 | Annually |
| MGT 547 | Supply Chain Management | 4 | Annually |
|  |  |  |  |
| **Total Credit Hours: 16** |