

# Project Management, MS (Portland)

Companies succeed or fail based on their ability to bring quality products and services to market in a timely manner. Without skilled project managers in place, companies are challenged to deliver projects on time, on budget, and according to specifications. From inception to completion, project managers are responsible for every step in the process: project definition, cost and risk estimation, schedule planning and monitoring, budget management, negotiation and conflict resolution, project leadership, and project presentation and evaluation.

The Master of Science in Project Management is designed to provide you with the practical skills and theoretical concepts you need to lead complex projects. Featuring real-world case studies, this project management degree presents techniques and tools for managing long- and short-term projects successfully and cost-effectively. Augmenting the core project management courses are concentrations that seek to provide you with content-specific expertise that enables you to deepen your knowledge in your field of interest.

In October of 2021, the Master of Science in Project Management accreditation was re-affirmed for the maximum five-year accreditation cycle (originally accredited in 2009) by the Project Management Institute Global Accreditation Center for Project Management Education Programs (GAC) (<https://www.pmi.org/>), the world's leading association for project management professionals. Accreditation is achieved by meeting the GAC's rigorous standards, which include an assessment of program objectives and outcomes, a review of onsite and online resources, evaluations of faculty and students, and proof of continuous improvements in the area of project management.

## Program Requirements

Complete all courses and requirements listed below unless otherwise indicated.

### Required Courses

| Code                                      | Title  | Hours |
|---|--|-------|
| PJM 5900                                  | Foundations of Project Management <sup>1</sup> | 4     |
| PJM 6005                                  | Project Scope Management                       | 3     |
| PJM 6015                                  | Project Risk Management                        | 3     |
| PJM 6025                                  | Project Scheduling and Cost Planning           | 3     |
| PJM 6135                                  | Project Quality Management                     | 3     |
| The following should be the final course: |  |       |
| PJM 6910                                  | Capstone                                       | 3     |

<sup>1</sup> Foundations of Foundations of Project Management (PJM 5900) is for students with less than three years of experience directing or leading project tasks. Students who do not complete PJM 5900 may substitute project management electives to satisfy the required program hours.

### Concentrations or Electives Option

The remaining required quarter hours for the program may be completed by a combination of completing a concentration, project management electives, and 6000-level electives or a combination of project management electives and selecting any courses listed in the concentrations and electives lists.

#### CONCENTRATIONS

- Agile Project Management (p. 2)
- Analytics (p. 2)
- Construction Management (p. 2)
- Leadership (p. 2)
- Leading and Managing Technical Projects (p. 3)
- Organizational Communication (p. 3)
- Project Business Analysis (p. 3)

#### PROJECT MANAGEMENT ELECTIVES

| Code     | Title                                   | Hours |
|----------|---|-------|
| PJM 6075 | Project Finance                         |       |
| PJM 6125 | Project Evaluation and Assessment       |       |
| PJM 6140 | Managing Troubled Projects              |       |
| PJM 6145 | Global Project Management               |       |
| PJM 6175 | Project Resource Management             |       |
| PJM 6180 | Project Stakeholder Management          |       |
| PJM 6185 | Managing Innovation Projects            |       |
| PJM 6205 | Leading and Managing Technical Projects |       |

|          |  |
|----------|--|
| PJM 6210 | Communication Skills for Project Managers        |
| PJM 6215 | Leading Remote Project Teams                     |
| PJM 6710 | Introduction to Program and Portfolio Management |
| PJM 6983 | Special Topics                                   |

**RESTRICTED ELECTIVES**

| Code     | Title   | Hours |
|----------|---|-------|
| CMN 6000 | Introduction to Organizational Communication                  |       |
| CMN 6005 | Foundations of Professional Communication                     |       |
| CMN 6060 | Negotiation, Mediation, and Facilitation                      |       |
| CMN 6090 | Organizational Culture, Climate, and Communication            |       |
| CMN 6095 | Foundations of Developing Cultural Awareness                  |       |
| CMN 6110 | Group Dynamics and Interpersonal Conflict: Meeting Management |       |
| INT 6940 | Experiential Learning Projects for Professionals              |       |
| INT 6943 | Integrative Experiential Learning                             |       |

**Program Credit/GPA Requirements**

45 total quarter hours required

Minimum 3.000 GPA required

**CONCENTRATION IN AGILE PROJECT MANAGEMENT**

| Code     | Title                                   | Hours |
|----------|---|-------|
| PJM 6205 | Leading and Managing Technical Projects | 3     |
| PJM 6810 | Principles of Agile Project Management  | 3     |
| PJM 6815 | Advanced Agile Project Management       | 3     |
| PJM 6820 | Agile Implementation and Governance     | 3     |
| PJM 6825 | Agile Lean Product Development          | 3     |

**CONCENTRATION IN ANALYTICS**

| Code                           | Title  | Hours |
|--------------------------------|--|-------|
| ALY 6000                       | Introduction to Analytics                          | 3     |
| ALY 6010                       | Probability Theory and Introductory Statistics     | 3     |
| ALY 6015                       | Intermediate Analytics                             | 3     |
| ALY 6070                       | Communication and Visualization for Data Analytics | 3     |
| Complete one of the following: |  | 3     |
| ALY 6020                       | Predictive Analytics                               |       |
| ALY 6030                       | Data Warehousing and SQL                           |       |
| ALY 6040                       | Data Mining Applications                           |       |
| ALY 6110                       | Data Management and Big Data                       |       |

**CONCENTRATION IN CONSTRUCTION MANAGEMENT**

| Code     | Title   | Hours |
|----------|---|-------|
| CMG 6400 | Introduction to Construction Management                   | 4     |
| CMG 6402 | Alternative Project Delivery Methods and Project Controls | 4     |
| CMG 6403 | Safety, Project Risk, and Quality Management              | 4     |
| CMG 6405 | Construction Law  | 4     |

**CONCENTRATION IN LEADERSHIP**

| Code                           | Title  | Hours |
|--------------------------------|--|-------|
| LDR 6100                       | Developing Your Leadership Capability                            | 3     |
| LDR 6110                       | Leading Teams Strategically in a Global Environment              | 3     |
| LDR 6120                       | Developing Organizational Success through Leadership Development | 3     |
| LDR 6150                       | Innovation and Organizational Transformation                     | 3     |
| Complete one of the following: |  | 3     |

|          |   |
|----------|---|
| LDR 6135 | Ethical Leadership                        |
| LDR 6140 | Leadership Strategy, Design, and Practice |

**CONCENTRATION IN LEADING AND MANAGING TECHNICAL PROJECTS**

| Code     | Title                                     | Hours |
|----------|---|-------|
| PJM 6205 | Leading and Managing Technical Projects   | 3     |
| PJM 6210 | Communication Skills for Project Managers | 3     |
| PJM 6215 | Leading Remote Project Teams              | 3     |
| PJM 6810 | Principles of Agile Project Management    | 3     |
| PJM 6825 | Agile Lean Product Development            | 3     |

**CONCENTRATION IN ORGANIZATIONAL COMMUNICATION**

| Code                            | Title   | Hours |
|---------------------------------|---|-------|
| CMN 6000<br>and INT 6000        | Introduction to Organizational Communication<br>and Writing Lab | 4     |
| Complete four of the following: |   | 12    |
| CMN 6020                        | Ethical Issues in Organizational Communication                  |       |
| CMN 6050                        | Crisis Communication  |       |
| CMN 6060                        | Negotiation, Mediation, and Facilitation                        |       |
| CMN 6080                        | Intercultural Communication                                     |       |
| CMN 6090                        | Organizational Culture, Climate, and Communication              |       |
| CMN 6110                        | Group Dynamics and Interpersonal Conflict: Meeting Management   |       |

**CONCENTRATION IN PROJECT BUSINESS ANALYSIS**

| Code     | Title  | Hours |
|----------|--|-------|
| PJM 6185 | Managing Innovation Projects                   | 3     |
| PJM 6610 | Foundations of Project Business Analysis       | 3     |
| PJM 6620 | Strategy Analysis and Needs Assessment         | 3     |
| PJM 6630 | Requirements Analysis and Design               | 3     |
| PJM 6640 | Leadership Strategies for the Business Analyst | 3     |