



graduate degree programs

MASTER OF SCIENCE IN PROJECT MANAGEMENT

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, and project presentation and evaluation.

The Master of Science in Project Management is designed to provide you the practical skills and theoretical concepts you need to lead complex projects. Featuring real-world case studies, this degree presents techniques and tools for managing long- and short-term projects, successfully and cost effectively.

Program Objectives

- Manage multiple, sometimes interrelated, complex projects
- Implement enterprise-level project portfolio management (PPM) based upon an organization's strategic business goals
- Develop metrics for determining and reporting project performance

The Master of Science in Project Management holds accreditation by the Project Management Institute's Global Accreditation Center (GAC), the world's leading association for project management professionals.



This degree is also available in a 12-month, fast-track format. For more information, visit www.northeastern.edu/cps/12cohort/.

**Tuition rates, all fees, rules and regulations, courses, and course content are subject to revision by the president and the Board of Trustees at any time.*

CURRICULUM

Required Core Courses 21-22 q.h.

PJM 5900	Foundations of Project Management (This course is <u>required</u> for students who do not have at least 3 years of professional experience directing or leading project tasks. This course is <u>highly recommended</u> for students who don't have a basic working knowledge of MsProject software. Students with project management experience are <u>not required</u> to take this course.)	4 q.h.
PJM 6000	Project Management Practices (prerequisite)	3 q.h.
PJM 6705	Portfolio Management in the Enterprise Environment	3 q.h.
PJM 6125	Project Evaluation and Assessment (recommended as last course)	3 q.h.

Choose four ** of the following courses:

PJM 6005	Project Scope Management	3 q.h.
PJM 6010	Project Planning and Scheduling	3 q.h.
PJM 6015	Risk Management	3 q.h.
PJM 6020	Cost and Budget Management	3 q.h.
PJM 6130	Organizational and Financial Views of Projects	3 q.h.
PJM 6135	Project Quality Management	3 q.h.
PJM 6140	Managing Troubled Projects	3 q.h.
PJM 6145	Global Project Management	3 q.h.

***Students who take PJM 5900 Foundations of Project Management are only required to take three courses in this section.*

Elective Courses 6 q.h.

Choose two of the following courses:

CMN 6015	Introduction to the Digital Era: The Power of Social Media	3 q.h.
CMN 6060	Negotiation, Mediation, and Facilitation	3 q.h.
CMN 6110	Group Dynamics and Interpersonal Conflict	3 q.h.
LDR 6110	Leading Teams	3 q.h.
LDR 6135	The Ethical Leader	3 q.h.
COP 6940	Personal and Career Development***	3 q.h.

Specializations 15-16 q.h.

Choose one of the following specializations:

Clinical Trial Design Specialization 16 q.h.

BTC 6211	Validation and Auditing of Clinical Trial Information	4 q.h.
BTC 6213	Clinical Trial Design Optimization and Problem Solving	4 q.h.
PMC 6212	Clinical Drug Development Data Analysis: Concepts and Applications	4 q.h.
RGA 6210	Strategic Planning and Project Management for Regulatory Affairs	4 q.h.

Construction Management Specialization (online only) 15 q.h.

CMG 6400	Introduction to Construction Management (prerequisite)	4 q.h.
CMG 6402	Alternative Project Delivery Methods and Project Controls	4 q.h.
CMG 6403	Safety, Project Risk, and Quality Management	4 q.h.
LDR 6110	Leading Teams	3 q.h.

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Northeastern University
College of Professional Studies

MASTER OF SCIENCE IN PROJECT MANAGEMENT

Geographic Information Systems Specialization 15 q.h. (online only)

GIS 5101	Introduction to Geographic Information Systems	3 q.h.
GIS 5102	Fundamentals of GIS Analysis	3 q.h.

Choose three of the following courses:

RMS 5105	Fundamentals of Remote Sensing	3 q.h.
GIS 5201	Advanced Spatial Analysis	3 q.h.
GIS 6340	GIS Customization	3 q.h.
GIS 6350	GIS Management and Implementation	3 q.h.
GIS 6370	Internet-Based GIS	3 q.h.
GIS 6390	Business Applications for GIS	3 q.h.

Information Security Management Specialization 15 q.h.

ITC 6300	Foundations of Information Security Management	3 q.h.
ITC 6315	Information Security Risk Management	3 q.h.
ITC 6310	Information Security Governance	3 q.h.
ITC 6320	Information Security Technology	3 q.h.

Choose one of the following courses:

ITC 6330	CISSP Preparation	3 q.h.
ITC 6305	IT Infrastructure (Systems, Networks, Telecom)	3 q.h.
ITC 6345	Systems and Network Administration	3 q.h.

Leadership Specialization 15 q.h.

LDR 6100	Developing Your Leadership Capability (prerequisite)	3 q.h.
LDR 6110	Leading Teams	3 q.h.
LDR 6120	Creating Leadership Capacity: Developing Bench Strength	3 q.h.
LDR 6140	Developing the Strategic Leader (recommended as last course)	3 q.h.

Choose one of the following courses:

LDR 6135	The Ethical Leader	3 q.h.
LDR 6125	Managing Organizational Culture	3 q.h.

Organizational Communication Specialization 15 q.h.

CMN 6010	Foundations of Organizational Communication	3 q.h.
CMN 6020	Ethical Issues in Organizational Communication	3 q.h.
CMN 6050	Crisis Communication	3 q.h.
CMN 6090	Organizational Culture, Climate, and Communication	3 q.h.
CMN 6110	Group Dynamics and Interpersonal Conflict	3 q.h.

Total Quarter Hours: 42-44 q.h.

2011/2012 Tuition: \$535 per quarter hour*

***Enrollment into this course requires participation in the cooperative education program.

