



Post Graduate Program in PROJECT MANAGEMENT

University Of Massachusetts Amherst, Continuing and Professional Education



Delivered by **simplilearn**

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About the Program

Accelerate your career growth with our comprehensive Post Graduate Program in Project Management in partnership with the University of Massachusetts Amherst. This program provides you with the frameworks, practical tools, and digital skills to lead and excel in managing complex, transformational projects and become a project leader in the digital age.

The Post Graduate Program in Project Management offers a blend of online self-paced videos, live virtual classes, and hands-on projects. Learners also get access to mentorship sessions that provide a high-engagement learning experience and real-world applications to master essential Project Management skills. This program focuses on managing complexity in large scale projects and delivering results while balancing the trade-off between cost-quality-risk, and aligning with organizational goals. By acquiring skills in these core areas, you will be well-equipped for an exciting career as an operational leader. After graduating from this Post Graduate Program, you will be able to lead and help organizations achieve value from transformational undertakings.

Key Features of the Post Graduate Program in Project Management



University of Massachusetts Amherst Post Graduate Program Certificate of Completion



Industry Aligned Mid-cohort Project and Capstone Project



Official membership to the UMass Amherst Alumni Association



Curriculum aligned with official PMI-PMP®, ASM®, PMI-RMP®, and LSSGB certifications



Upon completion of the program, you will receive a 3-credit elective transfer for UMass Amherst Online MBA (upon acceptance into the online MBA program)



146 PDUs for maintaining your Continuing Certification Requirements (CCR) with PMI® related certifications



Interactive peer learning through group projects and discussions

About University of Massachusetts Amherst



The University Of Massachusetts Amherst ranks among the top 25 premier public universities by U.S. News Education Rankings. UMass Amherst is committed to academic excellence and innovative thinking to produce revolutionary ideas and impact on par with the best universities in the world.

This Post Graduate Program in Project Management, in partnership with University Of Massachusetts Amherst, will open new pathways for you in the field of project management. It relates to virtually every realm of business - from IT services to ecommerce to healthcare.

Upon completing this program, you will receive a University Of Massachusetts Amherst Certification of Completion.

About Simplilearn



Simplilearn is the world's #1 online bootcamp provider that enables learners through rigorous and highly specialized training. We focus on emerging technologies and processes that are transforming the digital world, at a fraction of the cost and time as traditional approaches. Over one million professionals and 2000 corporate training organizations have harnessed our award-winning programs to achieve their career and business goals.

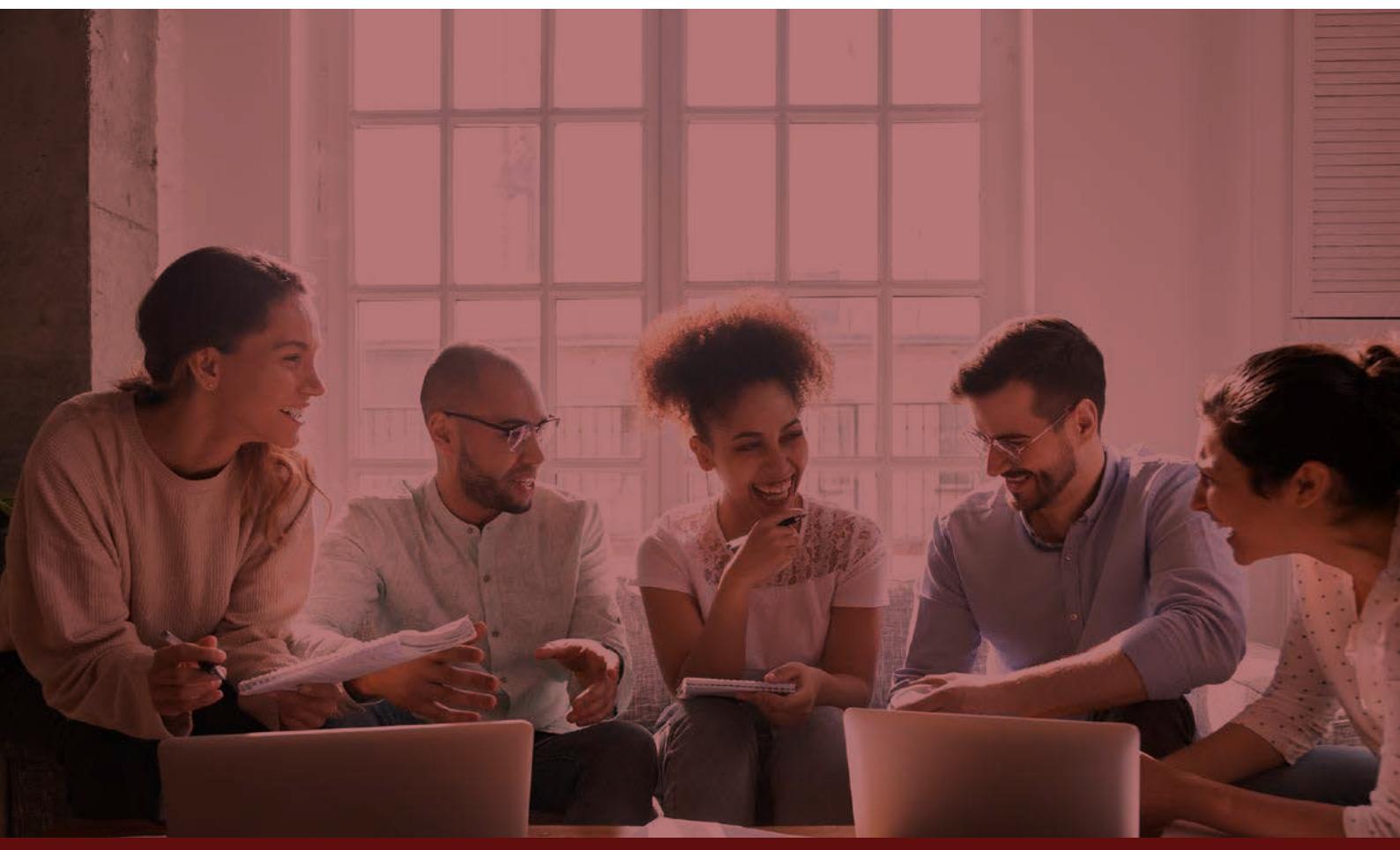
Program Eligibility Criteria and Application Process

Those wishing to enroll in the Post Graduate Program in Project Management will be required to apply for admission.

Eligibility Criteria

For admission to this Post Graduate Program in Project Management, candidates must possess one of the first two criteria:

- ✓ A bachelor's degree in any discipline
- ✓ At least 5 years of experience
- ✓ Programming or non-programming background



Application Process

The application process consists of three simple steps.



Submit an Application

Complete the application and include a brief statement of purpose. The latter informs our admissions counselors why you're interested and qualified for the program.

Application Review

A panel of admissions counselors will review your application and statement of purpose to determine whether you qualify for acceptance.

Admission

An offer of admission will be made to qualified candidates. You can accept this offer by paying the program fee.



Talk to an Admissions Counselor

We have a team of dedicated admissions counselors who are here to help guide you in the application process and related matters.

They are available to:

- ✓ Address questions related to the application
- ✓ Assist with financial aid (if required)
- ✓ Help you better understand the program and answer your questions

Learning Path



Electives

- ✓ PMI-Risk Management Professional
- ✓ Certified Lean Six Sigma Green Belt (LSSGB)
- ✓ Customer Centric Digital Transformation
- ✓ PMI-PgMP

Program Outcomes



Learn new trends, emerging practices, strategy considerations, and the core competencies required of a project management professional



Gain knowledge of the techniques and tools of modern project management, such as resource allocation, work breakdown structure, Gantt charts, mathematics-based project scheduling models, project cost estimation and management, and engineering economics to deliver projects on time and within budget



Gain expertise in Agile Scrum methodologies, Agile Scrum applications, daily Scrum synchronization, sprint planning, and review



Understand the Define, Measure, Analyze, Improve, and Control (DMAIC) phases of Lean Six Sigma



Transform how companies operate and engage with customers by utilizing data and technology



Perform in-depth analysis on how current processes can be improved



Come up with innovative business strategies and effective operational procedures

Who Should Enroll in this Program?

This program caters to graduates in any discipline and working professionals from diverse backgrounds. Candidates need not have any prior experience in project management to enroll in this program.

The program is best suited for individuals seeking the following careers:

- ✓ Project/Product/Program professionals, managers, and engineers who want to gain the right digital-age skills and credentials to put their careers on an accelerated growth path
- ✓ Industry veterans who would like to move into Project Leadership roles
- ✓ Senior executives who would like to keep up with the pace of the business transformation



PMP®

The PMP® certification course covers the concepts of project management frameworks, processes, tools, new trends, and emerging practices with a high emphasis on business and strategic knowledge. This course provides exposure to managing and leading projects and covers project manager's role in large and small companies.

Key Learning Objectives

- ✓ Become familiar with modern project management tools such as work breakdown structure and resource allocation
- ✓ Learn about Gantt charts, mathematical project scheduling models, project cost estimation, and engineering economics
- ✓ Develop a broad and flexible toolkit of techniques and adapt your approach to the context and constraints of different projects
- ✓ Deliver projects on time and within budget using available resources
- ✓ Cultivate people skills, building trust, and the leadership qualities necessary to meet project requirements

Course Curriculum

- ✓ Lesson 01 - Creating a high-performing team
- ✓ Lesson 02- Starting the project
- ✓ Lesson 03- Doing the work
- ✓ Lesson 04- Keeping the team on track
- ✓ Lesson 05- Keeping the Business in Mind

Agile Scrum Master

The Agile Scrum Master course introduces you to Agile's best practices and the nuances of Scrum methodology to help you maximize business value and mitigate risks. Master the Agile Scrum project management approach and enhance your ability to develop and deliver quality products to customers.

Key Learning Objectives

- ✓ Understand Agile Scrum applications, frameworks, and methodologies
- ✓ Get to know how to do sprint planning and review
- ✓ Understand how to produce Scrum events and artifacts
- ✓ Implement distributed Scrum
- ✓ Gain Jira-based project management skills
- ✓ Develop a solid understanding of Agile Scrum best practices

Course Curriculum

- ✓ Lesson 01 - Course Introduction
- ✓ Lesson 02 - Agile way of thinking
- ✓ Lesson 03 - Scrum Roles, Events and Artifacts
- ✓ Lesson 04 - Agile Estimating, Planning, Monitoring and Control
- ✓ Lesson 05 - Other Methods and Frameworks
- ✓ Lesson 06 - Complex Projects
- ✓ Lesson 07 - Adopting Agile

Microsoft® Project 2021

This Microsoft Project Certification course will help you perfect end-to-end project management skills and master the industry's most popular project management tool. With this MS Project training, you'll receive a comprehensive overview of customized reporting, shared resource pools, setting up custom tables, recurring tables, WBS code —all ensuring your ability to manage complex projects from start to finish.

Key Learning Objectives

- ✓ Manage projects from start to finish using the Microsoft® Project 2021 application
- ✓ Learn to automate custom fields and how to import and export the project data
- ✓ Track the project's progress using key features
- ✓ Share project information and create reports
- ✓ Manage , tracking cost and anticipate risk

Course Curriculum

- ✓ Lesson 1: Introduction
- ✓ Lesson 2: Get Familiar with Project
- ✓ Lesson 3: Set Up Project Files
- ✓ Lesson 4: Entering Tasks
- ✓ Lesson 5: Dependencies and Constraints
- ✓ Lesson 6: Resources
- ✓ Lesson 7: Work with Project Views and Tables
- ✓ Lesson 8: Baselines and Critical Path
- ✓ Lesson 9: Manage the Project Schedule
- ✓ Lesson 10: Track Project Progress
- ✓ Lesson 11: Basic Reporting
- ✓ Lesson 12: Saving Projects and Security

Implementing a PMO

This course will help you establish a PMO to capture and propagate the best practices in project management. Whether you want to increase the number of projects you can run, continuously monitor whether the projects are on track with the strategic objectives of your organization, or transition from “crisis to control” philosophy—knowing how to implement PMO gives you an unprecedented advantage over your competitors who are only playing with project management in isolation.

Key Learning Objectives

- ✓ Learn to enable project managers and leaders to deliver value
- ✓ Decrease failure in a project
- ✓ Learn to manage project cost, scope and schedule
- ✓ Strategically align projects and objectives of the enterprise
- ✓ Improve client satisfaction with project delivery

Course Curriculum

- ✓ Lesson 01 - Course Introduction
- ✓ Lesson 02 - Introduction to PMO
- ✓ Lesson 03 - Inside a PMO
- ✓ Lesson 04 - Establishing a PMO
- ✓ Lesson 05 - Running the PMO
- ✓ Lesson 06 - PMO: Next Steps

Project Management Capstone

The Project Management Capstone project lets you apply the skills you learned in this program. Through dedicated mentoring sessions, you'll learn how to solve a real-world, industry-aligned problem using Project Management. This project is the final step in the learning path, and it will demonstrate to employers your expertise in Project Management.

Elective Course



PMI-Risk Management Professional

The PMI-RMP[®] Certification course will help you master risk management processes and address uncertainty in projects through a structured and objective approach. You will learn to conduct risk planning, identification, analysis, and control both known and unknown risks in projects and implement risk management methodology.



Certified Lean Six Sigma Green Belt (LSSGB)

In this Lean Six Sigma Green Belt certification course, you will master the core principles of Lean Six Sigma, implement and lead quality projects and applications, use the Minitab tool for statistical analysis and integrate Lean and DMAIC methodologies using multiple case studies and real-life examples. This course is aligned with the IASSC exam to provide skills that enable continuous improvement in your organization.



Customer Centric Digital Transformation

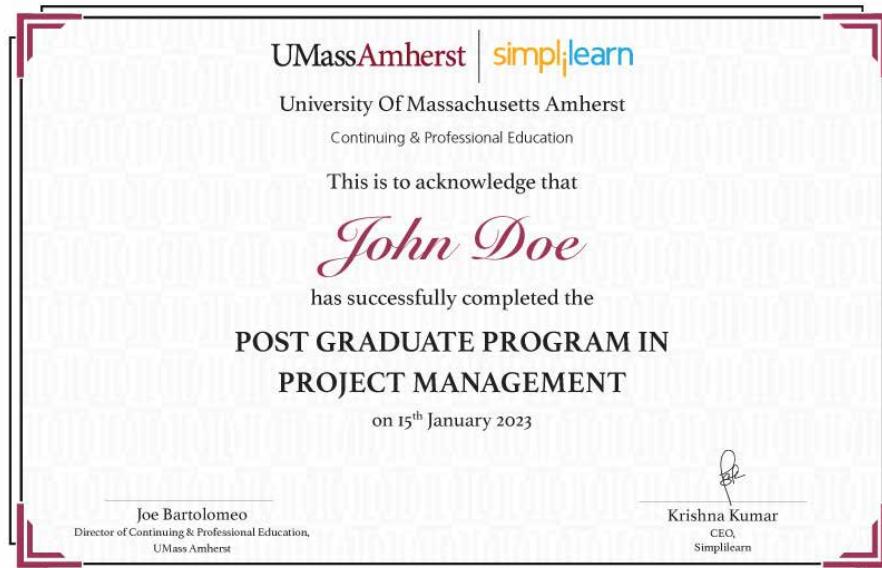
This course will help you understand IT-enabled changes in a business environment, learn how to implement digital transformation projects successfully, and help guide your career in the business world of the future. Through the five-step approach of design thinking, you'll also learn how to implement techniques to define market fit and grow your product and business. Boost your grasp of business strategy, technology adoption, and innovation to drive a culture of transformation in your organization.



PMI-PgMP®

The PMI-PgMP® course will sharpen your skills in managing multiple projects and aligning project activities with overall business goals—without affecting quality, speed, or efficiency. You'll learn the five areas of PMI's program management performance indicators, including program strategy alignment, lifecycle management, stakeholder engagement, benefits management, and governance.

Certificate of Completion



Upon completion of this Post Graduate Program in Project Management, in partnership with University of Massachusetts Amherst, you will receive the Post Graduate Program Certificate of Completion from UMass Amherst. You will also receive certificates from Simplilearn for courses in the learning path. These certificates will testify to your skills as a Project Leader.



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Disclaimer: All programs are offered on a non-credit basis and are not transferable to a degree.