

# PROJECT MANAGEMENT (PMGT)

## MASTER OF SCIENCE – ONLINE INTERNATIONAL

**Harrisburg University of Science and Technology is accredited by the Middle States Commission on Higher Education**, 3624 Market Street, Philadelphia, PA 19104. The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation.



The online Master of Science degree in Project Management and the Graduate Certificate in Project Management are offered to students outside the US by Harrisburg University of Science & Technology in association with Allegro Learning Solutions.

**Harrisburg University is a Registered Education Provider from the Project Management Institute®**, which provides the defacto standard in project management, the Project Management Body of Knowledge (PMBOK®). Harrisburg University, located in Central Pennsylvania, U.S., has over 1000 full time graduate students seeking their Master of Science in Project Management.



ACCREDITED PROGRAM

In addition to being a Registered Education Provider with PMI, The Master of Science in Project Management is accredited by the PMI Global Accreditation Center for Project Management Education Programs (GAC). **Harrisburg University is one of only 54 universities in the United States whose M.S. in Project Management is accredited by the GAC.** As a GAC accredited program the Project Management Master's at Harrisburg University is a member of a select group of degree programs that embrace and promote the project management discipline. GAC accreditation confirms that an institution's project management degree program has been carefully assessed and that its scale, scope, and quality meet comprehensive, global standards for accreditation. It makes a public statement about the deep commitment of the institution and its faculty to ongoing evaluation and continuous quality improvement.

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### PROJECT MANAGEMENT'S IMPACT ON YOUR BUSINESS

ACROSS THE GLOBE, THERE'S A WIDENING GAP BETWEEN EMPLOYERS' NEED FOR SKILLED PROJECT MANAGEMENT WORKERS AND THE AVAILABILITY OF PROFESSIONALS TO FILL THOSE ROLES.

The global economy has become more project-oriented, as the practice of project management expands within industries that were traditionally less project-oriented. Project management needs also arise as

organizations increasingly rely on technologies and the projects needed to support them. And organizations are connecting the dots between strategy and action, working to assure that project benefits are truly delivered as expected.

**The shortage of qualified talent poses a notable risk for organizations that rely on that talent to implement strategic initiatives, drive change and deliver innovation.**

## AGILE LEAN CENTER OF EXCELLENCE

The **Agile Lean Center (ALC)** at Harrisburg University of Science and Technology aims to significantly improve business and project outcomes for state and local governments as well as local and global businesses through professional development, certificates and academic offerings of efficient agile and lean business processes used for Product Development, Software Development, Manufacturing, Business Process Improvement and Value Centered Project/Portfolio Management.

## GRADUATE DEGREE OVERVIEW

The 36-semester hour graduate program in Project Management provides each student with a focused, applied and rigorous experience in creating, developing, implementing and assessing projects and the resulting products using *traditional* and *agile* methods. To produce a high-quality product or service on time and to that meets or exceeds client's expectations, the skills and knowledge of a typical subject matter expert are not enough. The complexities of modern product development and project management require a professional with specific technical knowledge with strong project management and leadership skills. This program of study leads to a Master of Science degree that prepares the student for career advancement in the field of project management and for positions such as project manager, project coordinator, lead project engineer, Agile project manager or ScrumMaster.

## PROGRAM GOALS

PMGT graduates are able to:

- Demonstrate the applied knowledge and technical expertise in the management of projects to meet desired needs within constraints and aligned with *traditional* and *agile* professional standards and guides
- Demonstrate professional behavior by showing how successful project management will use stakeholder engagement, communication, leadership, and teamwork that is ethical, and culturally aware
- Demonstrate strategic financial and organizational contextual awareness and insight by linking key stakeholder objectives to sustainable competitive strategies required to deliver value across operational functions.

## MASTER'S DEGREE REQUIREMENTS

### Core Courses – 18 Credits:

MGMT 520	Professional Communication	(3)
MGMT 560	Organizational Leadership	(3)
PMGT 510	Principles of Project Management	(3)
PMGT 530	Procurement, Contracts & Risk Management	(3)
PMGT 540	Planning and Executing Projects	(3)
PMGT 570	Agile Project Management with Scrum	(3)

### Prescribed Electives in Sequence – 12 Credits:

PMGT 572 – Agile Scrum Applied Projects	(3)
PMGT 574 - Agile Lean Product Development	(3)
PMGT 576 – Agile Lean Transformational Leadership	(3)
ITPM 515 – Business and Requirements Analysis Fundamentals	(3)

### Experiential Courses (Capstone) – 6 Credits:

GRAD 695	Research Methodology and Writing	(3)
PMGT 699	Applied Project in PMGT	(3)

## GRADUATE CERTIFICATE IN PROJECT MANAGEMENT

This Certificate Program is designed for students with a desire to understand both *traditional* and *agile* principles and practices of project management with the goal of obtaining **an academic Certificate in Project Management from Harrisburg University** and **an industry certification from the Project Management Institute (PMI)<sup>®</sup>**, either the Project Management Professional – PMP<sup>®</sup>, or Certified Associate Project Manager – CAPM<sup>®</sup>.

The Certificate in Project Management requires all the core Graduate Level Project Management courses (six 3 credit hour courses – non-capstone) required to obtain a Master of Science in Project Management. These core courses when completed successfully apply directly towards a Master of Science in Project Management if at some point the student decides to seek a full Master of Science graduate degree.

To complete the Certificate in Project Management at Harrisburg University, a graduate must also complete the necessary requirements for the PMP<sup>®</sup> or CAPM<sup>®</sup> including passing the relevant exam from PMI<sup>®</sup>.

## PROJECT MANAGEMENT GRAD CERTIFICATE REQUIREMENTS

### Core Courses – 18 Credits:

MGMT 520	Professional Communication	(3)
MGMT 560	Organizational Leadership	(3)
PMGT 510	Principles of Project Management	(3)
PMGT 530	Procurement, Contracts & Risk Management	(3)
PMGT 540	Planning and Executing Projects	(3)
*PMGT 570	Agile Project Management with Scrum	(3)
PMGT 697	PMP®/CAPM® Exam Preparation	(0)

\*Includes exam preparation for professional Scrum certifications from [scrum.org](http://scrum.org)

## GRADUATE CERTIFICATE IN AGILE LEAN

The Agile Lean Graduate Certificate is designed for students with a desire to understand the principles and practices of Agile Lean project management methods. The Grad Certificate provides students with a thorough understanding and application of Agile Lean frameworks used in project management and product development. The certificate builds upon an Agile Project Management with Scrum course to prepare students for experiential courses in applying Scrum to real-world projects, conducting new product development with Agile, and leading Agile Lean transformations in organizations.

To complete the Agile Lean Certificate at Harrisburg University, a graduate must also complete the necessary requirements for the PSM I™ or PSPO™ including passing the relevant exam from [Scrum.org](http://Scrum.org).

## AGILE LEAN GRAD CERTIFICATE REQUIREMENTS

### Core Courses – 12 Credits:

- \*PMGT 570: Agile Project Management with Scrum
- PMGT 572: Agile Scrum Applied Projects
- PMGT 574: Agile Lean Product Development
- PMGT 576: Agile Lean Transformational Leadership

\*Includes exam preparation for professional Scrum certifications from [scrum.org](http://scrum.org)

## LEARN MORE

Contact Allegro Learning Solutions to learn more about the online Master of Science degree in Project Management or the Graduate Certificate in Project Management:

Email: [info@allegrolearnings.com](mailto:info@allegrolearnings.com)

Online: [www.allegrolearnings.com](http://www.allegrolearnings.com)



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