
Program Viewbook

Master of Science in Project Management (MScPM)

Program Description

The Master of Science in Project Management (MScPM) prepares graduates to manage projects in today's fast-paced and complex environments. The program will develop the knowledge, skills, and confidence required to lead projects successfully across diverse industries.

It integrates management principles, analytical thinking, and practical project management approaches, enabling students to plan, organize, and deliver projects effectively while building leadership and decision-making abilities. Key areas such as risk management, procurement, stakeholder engagement, and project strategy are explored with a strong emphasis on strategic thinking, ethical responsibility, and sustainability. Students are encouraged to think critically, solve problems, and deliver solutions that create value for organizations. The program also includes an applied research project or dissertation, allowing students to explore project management issues in depth and apply their learning in practice.

Graduates will be well prepared for roles such as Project Manager, Program Manager, Project Analyst, Project Coordinator, Operations Manager, and Project Consultant, where they oversee project planning, execution, and performance while managing resources, risks, schedules, and stakeholders.

Program Learning Outcomes (PLOs)

- PLO 1.** Demonstrate specialized and critical understanding of contemporary project management theories, principles, and frameworks within diverse and dynamic organizational contexts.
- PLO 2.** Apply integrated project management knowledge, methodologies, and tools to effectively initiate, plan, execute, monitor, and close complex projects.
- PLO 3.** Evaluate and apply strategic leadership approaches to optimize the management of cross-functional teams, resources, and organizational performance.
- PLO 4.** Develop and justify comprehensive risk, cost, and schedule management strategies using advanced quantitative and qualitative analytical techniques.
- PLO 5.** Analyze complex project contexts to develop robust, evidence-based insights and recommendations, and convey them effectively to diverse stakeholder groups.
- PLO 6.** Assess ethical, legal, and sustainability considerations to inform responsible and strategic project management decisions.
- PLO 7.** Lead innovative, entrepreneurial, and continuous improvement initiatives while advancing professional practice and lifelong learning in alignment with global project management trends.

Program Completion Requirements

The MScPM degree shall be awarded to a student upon completing the following requirements:

- A student enrolled in MScPM program must have passed Thirty (30) credit hours.
- A student must achieve a CGPA of not less than 3.0 on a scale of 4.0 points.
- A student must have earned at least 75% of credits at CUD.
- The Dissertation or Applied Research Project must be completed at CUD.

Program Structure

Core Courses	18 Cr. Hrs.
Electives	06 Cr. Hrs.
Dissertation or Applied Research Project	06 Cr. Hrs.
Total	30 Cr. Hrs.

List of Courses

I. Core Courses				
Course		Prerequisite	Cr. Hrs.	
Technical Skills				18
MPM	601	Fundamentals of Project Management	None	3
MPM	602	Project Planning, Budgeting and Scheduling	None	3
MPM	603	Risk and Uncertainty Management in Projects	MPM 602	3
MPM	604	Project Procurement and Contract Management	MPM 602	3
MPM	605	Project Leadership and Team Management	MPM 603	3
MBA	643	Business Research Methods	None	3
II. Core Elective Courses: 6 Credit Hours (Students are required to select two courses from the following courses.)				6
MPM	607	Supply Chain Project Management	None	3
MPM	608	Agile and Digital Project Management	MPM 601	3
MPM	609	Management of Complex and Mega Projects	MPM 601	3
MBA	675	Management of Technology and Innovation	None	3
III. Practical Experience and Projects				
Course		Prerequisite	Cr. Hrs.	
Dissertation or Applied Research Project (Select one only)				
MPM	700	Dissertation	Completion of 18 Cr. Hrs. including MBA 643.	6
OR				
MPM	710	Applied Research Project	Completion of 18 Cr. Hrs. including MBA 643.	6

Three Semesters Study Plan

Semester	Course Code	Subject Title	Prerequisite	Cr. Hrs.	
Semester 1	Cycle 1				
	MPM	601	Fundamentals of Project Management	None	3
	MPM	602	Project Planning, Budgeting and Scheduling	None	3
	Cycle 2				
	MBA	643	Business Research Methods	None	3
	MPM	xxx	Elective 1		3
Total Semester Credit Hours				12	
Semester 2	Cycle 1				
	MPM	603	Risk and Uncertainty Management in Projects	MPM 602	3
	MPM	604	Project Procurement and Contract Management	MPM 602	3
	Cycle 2				
	MPM	605	Project Leadership and Team Management	MPM 603	3
	MPM	xxx	Elective 2		3
Total Semester Credit Hours				12	
Semester 3	MPM	700	Dissertation	Completion of 18 Cr. Hrs. including MBA 643	6
	OR				
	MPM	710	Applied Research Project	Completion of 18 Cr. Hrs. including MBA 643	6
Total Semester Credit Hours				6	
Totals				30	