

# MASTER OF SCIENCE IN THE FIELD OF PROJECT MANAGEMENT (STEM)

The GW School of Business STEM master of science in project management program was among the world’s first specialized degree programs of its kind. Without focusing on a single discipline, the programs provides a superior educational experience for students by elevating their knowledge and expertise to a level that enables them to serve as leaders, educators, practitioners, and activists in the field. Students receive a comprehensive foundation in the principles of project management as well as a solid theoretical understanding and ability to apply relevant analytical methods for making complex decisions in business and project management environments. Graduates are equipped with skills in formulating objectives, identifying alternatives, setting priorities, allocating resources, planning, scheduling, estimating, ensuring quality, managing risk, resolving conflicts, and making effective group decisions that influence performance at all levels of an organization.

To accommodate the needs of working professionals, courses are offered in the evenings on GW’s Foggy Bottom campus as well as via distance learning.

Visit the program website (<https://business.gwu.edu/mspm/>) for additional information.

This is a STEM-designated program.

## REQUIREMENTS

The following requirements must be fulfilled: 30 credits, including 24 credits in required courses and 6 credits in elective courses.

Code	Title	Credits
<b>Required</b>		
DNSC 6250	Project Economics and Finance	
DNSC 6252	Risk Analysis for Decision Making	
DNSC 6254	Risk Measurement and Management	
DNSC 6257	Cost Estimation and Control	
DNSC 6258	Collaborative Decision Making and Portfolio Optimization	
DNSC 6261	Project Management Principles	
DNSC 6262	Integrated Project Analytics	
DNSC 6267	Planning and Scheduling	
DNSC 6271	Agile Project Management	
MBAD 6224	Decision Making and Data Analysis	
<b>Electives</b>		

6 credit in elective courses selected from the following:

DNSC 6210	Decision and Risk Analytics
DNSC 6219	Time Series Forecasting for Analytics
DNSC 6225	Business Process Simulation
DNSC 6237	International Project Management
DNSC 6239	Project Governance
DNSC 6302	Programming for Analytics I
DNSC 6303	Programming for Analytics II
DNSC 6306	Decision Models
MGT 6210	Leading Teams
MGT 6215	Conflict Management and Negotiations
MGT 6253	Leadership and Executive Development