

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

The GW School of Business master of science in project management degree program adopts a systems-oriented approach to project management, focusing both on hard skills, such as project management analytics, and soft skills that prepare graduates to make complex decisions, manage risk, and lead project teams. This complementary approach is critical for success in the field.

The program is offered in three modes: online, on-campus, and hybrid. The online version of the program is not prerecorded; instead, the lecture presented to on-campus students is recorded, shared with online students, and followed by a live/synchronous class session, allowing online students to pursue the same program as on-campus students. GW's MS in project management program was ranked #9 in the "2023 Best Project Management MBA Programs" rankings published by U.S. News & World Report.

The program is not only STEM-designated but also accredited by the Project Management Institute (PMI), equipping students with everything they need for a successful career in project management, positioning them to succeed in any role that requires data-driven decision making and enabling them to lead both technical and non-technical teams. Students on an F-1 visa are eligible for an additional 25 months of optional practical training (OPT), giving them valuable work experience.

This is a STEM designated program.

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

REQUIREMENTS

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

| Code | Title | Credits |
|-----------------|----------------------------------------------------------|---------|
| Required | | |
| DN5C 6250 | Project Economics and Finance | |
| DN5C 6252 | Risk Analysis for Decision Making | |
| DN5C 6254 | Risk Measurement and Management | |
| DN5C 6257 | Cost Estimation and Control | |
| DN5C 6258 | Collaborative Decision Making and Portfolio Optimization | |
| DN5C 6261 | Project Management Principles | |
| DN5C 6262 | Integrated Project Analytics | |
| DN5C 6267 | Planning and Scheduling | |
| DN5C 6271 | Agile Project Management | |

MBAD 6224 Decision Making and Data Analysis

Electives

6 credits in elective courses selected from the following:

| | |
|-----------|---------------------------------------|
| DN5C 6210 | Decision and Risk Analytics |
| DN5C 6237 | International Project Management |
| DN5C 6302 | Programming for Analytics I |
| DN5C 6303 | Programming for Analytics II |
| DN5C 6306 | Decision Models |
| DN5C 6319 | Time Series Forecasting for Analytics |
| DN5C 6325 | Business Process Simulation |
| MGT 6210 | Leading Teams |
| MGT 6215 | Conflict Management and Negotiations |
| MGT 6253 | Leadership and Executive Development |

COMBINED PROGRAM

Combined program

- Dual Master of Business Administration (STEM) and Master of Science in the Field of Project Management (<https://bulletin.gwu.edu/business/dual-mba-stem-and-ms-project-management/>)