



Universidad Politécnica de Puerto Rico
Graduate School
Master Program in Engineering Management



**M.E.M.
Engineering Management**

Core Courses: 18 credit-hours
Eng. Mgmt. Courses: 12 credit-hours
Emphasis Courses: 9 credit-hours
Total: 39 credit-hours

**Core Courses
18 credits**

Management Courses (18 credits)

MGM 5500 – Managerial Accounting
MGM 5700 – Probabilities and Statistical Methods
MGM 6070 – Human Resources Management
MGM 6560 – Management of Information Systems
MGM 6620 – Managerial Finances – Prerq. MGM 5500
MGM 6690 – Decision Making Techniques – Prerq. MGM 5700

**Specialization Courses in Engineering Management
12 credits**

Engineering Management Courses (12 credits)

MEM 5600 – Engineering Economic Analysis
MEM 6110 – Engineering Management I
MEM 6120 – Engineering Management II – Prerq. MEM 6110
MEM 6200 – Engineering Management Project – Prerq. MEM 6120

**Emphasis Area Courses*
9 credits**

Manufacturing Management

MBA 6830 – Operations Management
MEM 6420 – Maintenance Management
MEM 6610 – Productivity Management
MGM 5800 – Supply Chain Management & Logistics

Renewable Resources Management

EE 6402 – Market, Environmental and Public Policy
Issues of Energy Systems
EPM 6850 – Management for Sustainable Future
ME 6170 – Alternative and Renewable Energy
Technologies

Construction Management

MEM 6170 – Cost Estimate and Contracting
MEM 6410 – Construction Management
MEM 6710 – Professional Ethics and Public Policy
MEM 6820 – Business and Construction Law

Environmental Management

EPM 6800 – Solid Waste Management
EPM 6810 – Environmental Regulations
EPM 6850 – Management for Sustainable Future
MEM 6910 – Air Quality
MEM 6915 – Water Quality
MEM 6940 – Introduction to Pollution Control of Earth Systems

* In addition to the current list of emphasis courses, the student could select any course with GMP code that is not specified as an emphasis course component requirement.

Contact Information:
Graduate School

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Rev. FA-16