Duke's Master of Engineering Management Program allows students to customize their degree by choosing from a wide range of technical electives in a variety of disciplines. Our most popular electives are listed below, but students may select courses in other areas, such as physics, chemistry, computer science, or statistics/decision science.

**Popular Engineering Management Electives**
- EGRGMT 532: Advanced Finance for Technology-Based Companies
- EGRGMT 556: Industrial Practicum
- EGRGMT 560: Engineering Project Management
- EGRGMT 562: Operations Management
- EGRGMT 563: Supply Chain Management
- EGRGMT 574: Commercializing Technology Innovations
- EGRGMT 580: Decision Models
- EGRGMT 584: Advanced Engineering Systems Optimization and Simulation
- EGRGMT 590.XX: Advanced Topics in Financial Engineering
- EGRGMT 590.XX: Computational Strategies
- EGRGMT 590.XX: Data Mining
- EGRGMT 590.XX: Designing Customer Experiences
- EGRGMT 590.XX: Engineering Entrepreneurship
- EGRGMT 590.XX: Innovation Management in Technical Organizations
- EGRGMT 590.XX: Intellectual Asset Management
- EGRGMT 590.XX: Managing Product Development
- EGRGMT 590.XX: Managing Strategy and Innovations for Services
- EGRGMT 590.XX: Marketing Essentials for Early-Stage Technologies & Products
- EGRGMT 590.XX: Product Management in a High-Tech Company

**Popular Fuqua School of Business Electives***
- ACCOUNTG 598: Valuation and Fundamental Analysis
- DECISION 614: Forecasting
- ENERGYENV 627: Business Strategies for Sustainability
- FINANCE 654: Advanced Corporate Finance
- MANAGEMT 738: Managing Innovation in a Global Organization
- MGRECON 784: Game Theory
- OPERATNS 823: Operations Strategy
- STRATEGY 848: New Ventures Series

**Popular Engineering Electives**
- BIOMEDICAL ENGINEERING
  - BME 525: Biomedical Materials and Artificial Organs
  - BME 577: Drug Delivery
  - BME 578: Tissue Engineering
- CIVIL AND ENVIRONMENTAL ENGINEERING
  - CEE 647: Buckling of Engineering Structures
  - CEE 562: Biological Processes in Environmental Engineering
  - CEE 684: Physical Hydrology and Hydrometeorology
- ELECTRICAL AND COMPUTER ENGINEERING
  - ECE 538: VLSI System Testing
  - ECE 582: Digital Signal Processing
  - ECE 675: Optical Imaging and Spectroscopy
- MECHANICAL ENGINEERING
  - ME 571: Aerodynamics
  - ME 572: Engineering Acoustics
  - ME 775: Aeroelasticity

**Elective Spotlight**

Students learn to think more broadly about innovation and commercialization options and strategies in EGRGMT 574: Commercializing Technology Innovations: Turning Visions into Value, a course designed to demystify the journey from idea creation to value extraction.

Visit: [http://memp.pratt.duke.edu](http://memp.pratt.duke.edu)