

GRADUATE PROGRAMS

Charles V. Schaefer, Jr. School of Engineering

Master's Degrees, Engineer Degrees and Ph.D. Programs

Program Areas are in italics; Concentrations are indented below the programs

Chemical, Biomedical and Materials Engineering Department

Biomedical Engineering, M.Eng., Ph.D.

Chemical Engineering, M.Eng., CH.E., Ph.D.

Chemical Engineering

Polymer Engineering

Materials Engineering, M.Eng., Ph.D.

Microelectronics and Photonics Science and Technology
(Interdisciplinary)

Civil, Environmental and Ocean Engineering Department

*Civil Engineering, M.Eng. *, C.E. *, Ph.D. ****

Geotechnical/Geoenvironmental Engineering

Structural Engineering

Water Resources Engineering

*Construction Management, M.S. (Interdisciplinary) ***

*Environmental Engineering, M.Eng. *, Ph.D. ****

Environmental Process

Groundwater and Soil Pollution Control

Inland and Coastal Environmental Hydrodynamics

*Maritime Systems, M.S. **

Environmental Engineering

Structural Engineering

Management

Marine Transportation

*Ocean Engineering M.Eng. *, Ph.D. ****

Coastal Engineering

Hydrodynamics

Naval Architecture

Oceanography

Mechanical Engineering Department

*Mechanical Engineering, M.Eng. **, M.E. **, Ph.D. ***

Manufacturing Systems

Product Design

Thermal Engineering

*Integrated Product Development, M.Eng. ***

Armament Engineering

Electrical and Computer Engineering

Manufacturing Technologies

Systems Reliability and Design

Pharmaceutical Manufacturing, M.Eng, M.S.

(Interdisciplinary) **

*Product Architecture and Engineering, M.Eng. ***

*Nanotechnology, M.S., M.Eng., Ph. D. (Interdisciplinary) ***

Electrical and Computer Engineering Department

Computer Engineering, M.Eng., CP.E., Ph.D.

Computer Systems

Data Communications and Networks

Digital Systems Design

Image Processing and Multimedia

Software Engineering

Electrical Engineering, M.Eng., E.E., Ph.D.

Computer Architecture and Digital System Design

Microelectronics and Photonics Science and Technology
(Interdisciplinary)

Signal Processing for Communications

Telecommunications Systems Engineering

Wireless Communications

Networked Information Systems, M.Eng.

Data Communication Networks

Information Networks

Multimedia Information Systems

Multimedia Technologies

Network Systems Technologies

Networked Information Systems: Business Practices

Secure Network Systems

Systems Engineering and Engineering Management Department

Engineering Management, M. Eng., Ph.D.

Systems Engineering, M.Eng., Ph.D.

Systems Design and Operational Effectiveness

For More Information:

Office of Graduate Admissions
Castle Point on Hudson
Hoboken, NJ 07030

ph: 800-496-4935 or
201-216-5319

fax: 201-216-8044

email: gradadmissions@stevens.edu

www.stevens.edu

* GRE is only required for international students and those applying for a fellowship or assistantship.

** GRE is recommended but not required.

*** GRE is required.

Arthur E. Imperatore School of Sciences and Arts

Master's Degrees, Engineer Degrees and Ph.D. Programs

Program Areas are in italics; Concentrations are indented below the programs

Chemistry and Chemical Biology Department

Chemical Biology, M.S., Ph.D.

Bioinformatics

Chemistry, M.S., Ph.D.

Analytical Chemistry

Chemical Biology

Organic Chemistry

Physical Chemistry

Polymer Chemistry

Computer Science Department

*Computer Science, M.S., Ph.D. ******

CyberSecurity

Quantitative Software Engineering

Enterprise Computing, M.S.

Quantitative Software Engineering, M.S.

Security Management and Forensics, M.S.

(Interdisciplinary)

Mathematical Sciences Department

Applied Mathematics, M.S.

Financial Engineering, M.S.

*Mathematics, M.S., Ph.D. ******

Stochastic Systems Analysis and Optimization, M.S.

Physics and Engineering Physics Department

*Engineering Physics, M. Eng.***

Engineering Physics

Engineering Physics (Applied Optics)

Engineering Physics (Solid State)

Microelectronics and Photonics Science and Technology

(Interdisciplinary)

*Physics, M.S.** , Ph.D. ******

Physics

Wesley J. Howe School of Technology Management

Master's Degrees and Ph.D. Programs

Program Areas are in italics; Concentrations are indented below the programs

*Executive Master of Business Administration in Technology Management, EMBA-TM******

Executive Master of Technology Management, EMTM

*Management, M.S. ******

General Management

Global Innovation Management

Information Management (*also Ph.D.*****)

Pharmaceutical Industry

Pharmaceutical Technology Management

Project Management

Technology Commercialization

Technology Management (*also Ph.D.*****)

*Master of Business Administration in Technology Management MBA-TM******

Engineering Management

Financial Engineering

Global Technology Management

Information Management

IT for Financial Services Industry

IT for Pharmaceutical Industry

IT Outsourcing

Pharmaceutical Management

Project Management

Telecommunications Management

*Telecommunications Management, M.S. (also Ph.D.****)*

Business Track

Global Innovation Management

Management of Wireless Networks

On-line Security, Technology and Business

Project Management

Technical Management Track

*Information Systems, M.S. ******

Computer Science (Interdisciplinary)***

E-Commerce***

Entrepreneurial IT***

IT for Financial Services Industry

Global Innovation Management

Information Management (*also Ph.D.*****)

Information Security

IT Outsourcing

Integrated Information Architecture (Interdisciplinary)

IT for Pharmaceutical Industry

Knowledge/Data Mining

Project Management

Quantitative Software Engineering (Interdisciplinary)

Systems Engineering (Interdisciplinary)

Telecommunications Management

Security Management and Forensics, M.S. (Interdisciplinary)*

INTERDISCIPLINARY

*Interdisciplinary, M.S.** , M. Eng. ** , Ph.D.***

All interdisciplinary students select at least two Program Areas.

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** GRE is recommended but not required.

*** GRE is only required for international students, those applying for a fellowship or assistantship and those without an academic Computer Science background.

**** GMAT is required.

***** GMAT is only required for international students and those applying for a fellowship or assistantship except as otherwise noted.

***** GRE is required.