

## FACT SHEET:

### Systems Engineering Courses in Washington, DC

**Program:** The School of Systems and Enterprises offers a four course, 12-credit Graduate Certificate program in Systems Engineering and Architecting as partial credit toward the Master of Engineering in Systems Engineering degree. Additional certificates are available. Candidates for the Master's degree will also complete one or more additional required courses on-line.

**Format:** Each course consists of two two-day modules, given on a Friday and Saturday at the Stevens DC location. The two sessions are separated by one month. An individual course project is due seven weeks following the end of the second session.

**Program Description:** Utilizing an Open Academic Model, the School of Systems and Enterprises at Stevens Institute of Technology emphasizes global partnerships in systems and enterprises related research and education with industry and government to provide a highly relevant and rigorous educational experience. Stevens Systems Engineering graduate programs offer a multidisciplinary approach to engineering education by providing a blend of engineering, systems, and management subjects. The School of Systems and Enterprises is the largest provider of systems engineering education to the U.S. federal government and to defense-related industries worldwide.

The Master of Engineering degree in Systems Engineering requires a total of 30 graduate credits and includes a blend of engineering, systems thinking, and management subjects. Students learn to manage engineering, technology, and systems integration in a market where globalization, technology, quality, complexity, and productivity are the key business drivers.

**Eligibility Requirements:** Students applying for admission must complete an application for admission and submit all official college transcripts along with a professional resumé. Students applying for the PhD program must also submit copies of the GRE or GMAT. To initiate your application, contact Jessica Maj in the Stevens Corporate Care Center at (877) 376 9534 or [sfcc@Stevens.edu](mailto:sfcc@Stevens.edu). All applications must be submitted to the Stevens Corporate Care Center. Applications for courses outside the Stevens main campus in Hoboken, NJ, cannot be completed on line. **DO NOT SUBMIT AN APPLICATION VIA THE MAIN STEVENS WEBSITE!**

## DETAILS

**CONTINUOUS ENROLLMENT:**  
Contact Stevens Corporate  
Care Center

**FIRST CLASS SESSION:**  
First class starts  
Friday, 10 July 2015  
0800-1700

**LOCATION:**  
Suite G-17  
The Ronald Reagan Building  
1300 Pennsylvania Avenue, NW  
Washington, DC 20004

**ATTENDANCE:**  
The program is appropriate for all  
Engineers, System and IT Architects,  
System Analysts, Business Process  
Analysts and Program and Project  
Managers.

**CONTACT:**  
Jessica Maj  
Stevens Corporate Care Center  
[sfcc@stevens.edu](mailto:sfcc@stevens.edu)  
(877) 376 9534

**DIRECTIONS:**  
**Via METRO**  
Exit at the Federal Triangle Station  
Follow signs to the Reagan Building, up  
two sets of escalators to the central  
plaza, proceed directly across the plaza  
and enter through the security  
checkpoint on the G Level. The Stevens  
office is just past the checkpoint on the  
right.

**Via private auto**  
Park in the Reagan Building Public  
parking garage. Proceed to the Atrium  
North elevators. Exit on the G Level and  
turn to your left. The Stevens office is  
directly in front of you, you will have to  
work your way around to the front either  
clockwise or counterclockwise.

**Accreditation:** The Stevens ME/SE program is accredited through ABET (Accreditation Board for Engineering and Technology); The Commission on Higher Education of the Middle States Association of Colleges and Schools; U.S. Secretary of Education and the Commission on Recognition of Postsecondary Accreditation.

**Courses offered:** The following courses are offered in DC using a traditional classroom format:

SYS 625\* – Fundamentals of Systems Engineering

SYS 650\* – System Architecture and Design

SYS 605\* – System Integration

SYS 612\* – Program Management

SYS 660§ – Decision and Risk Analysis

SYS 684 – Systems Thinking

SYS 679 – Architecting the Extended Enterprise

\*Required courses that also make up the certificate in Systems Engineering.

§SYS 660 satisfies the degree requirement for a quantitative elective.

Additional courses from the SSE catalog may be offered locally if there is sufficient interest. For example, if a particular cohort prefers as a group to take SYS 611 (Modeling and Simulation), then that course will be offered in lieu of SYS 660 to satisfy the quantitative elective requirement.

Most courses relevant to the ME/SE degree are available online through the award winning Stevens WebCampus program. The entire SSE catalog is available for inspection on-line, including syllabi and Web Campus availability: (<http://www.stevens.edu/sse/academics/graduate/course-catalog>)

In addition to 27 credits (nine courses) of classroom instruction, students are required to complete a Master's Project (SYS 800) working with an approved Faculty advisor. Students wishing to complete a formal Thesis will substitute 6 credits of SYS 900 (Thesis Research) in lieu of the ninth course and Project.

Students who already hold a Master's degree can apply for the PhD. If approved for the doctoral program, students are required to complete SYS 684 (Systems Thinking) and SYS 710 (Research methods) as part of their 30 credit curriculum, and will complete a Doctoral Dissertation in lieu of a project or thesis. Interested applicants should contact Jessica Maj in the Stevens Corporate Care Center at (877) 376 9534 or [sfcc@Stevens.edu](mailto:sfcc@Stevens.edu).

**Payment and Other Questions:** This program is set up for individual student payment, with reimbursement from the employer through submission of an SF 182 or similar form. The current cost is a flat \$1,400/credit hour, or \$4,200 per 3 credit course.

Additional questions, arrangements for payment, and requests for the required certifications for employer reimbursement can be directed to Jessica Maj in the Stevens Corporate Care Center at (877) 376 9534 or [sfcc@Stevens.edu](mailto:sfcc@Stevens.edu).

Washington DC specific questions can be addressed to the Stevens Washington Operations staff at (202) 567-6380 or via email at [dcops@stevens.edu](mailto:dcops@stevens.edu).