

# MASTER OF SCIENCE IN THE FIELD OF INFORMATION SYSTEMS TECHNOLOGY (STEM)

The master of science in information systems technology program in the GW School of Business offers an innovative mix of information and technology management courses and specialized electives. Throughout the program, the faculty challenge students to think critically, analyze problems, and effectively acquire and integrate knowledge, strategies, and key technologies to solve the business problems faced by IT management.

This is a STEM-designated program. International program graduates are eligible to participate in the Optional Practical Training (OPT) initial 12-month and 24-month extension programs offered by the Department of Homeland Security.

Visit the program website (<http://business.gwu.edu/current-students-2/specialized-masters-programs/msist-degree-requirements/>) for additional information.

## ADMISSIONS

Admission deadlines\*\*:

Round 1	11/15
Round 2	4/1
Round 3	5/15

Recommendations (2) recommendations required:

Prior academic records:	Transcripts are required from all colleges and universities attended, whether or not credit was earned, the program was completed, or the credit appears as transfer credit on another transcript. Unofficial transcripts from all colleges and universities attended should be uploaded to your online application. Official transcripts are required only of applicants who are offered admission.  International applicants should upload only the English-language version of their transcripts.
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Statement of purpose: In no more than 500 words, describe how the MSIST program fits into your professional life and your career objectives.

Additional requirements: A current resume is required for all MSIST applicants.

International applicants only: Please review International Applicant Information carefully for details on required documents, earlier deadlines for applicants requiring an I-20 or DS-2019 from GW, and English language requirements.

PLEASE NOTE that the minimum English language test scores required by this program are:  
  
- Academic IELTS: an overall band score of 7.0 with no individual band score below 6.0; or

- TOEFL: 600 on paper-based, or 100 on Internet-based; or

- Academic PTE: 68

\*\* Prospective candidates for fellowships/ assistantships must submit a completed application packet (including test scores) by January 15. Later applications will be considered if funds are still available.

Supporting documents not submitted online should be mailed to:  
George Washington University  
Graduate Admissions - School of Business  
2201 G Street NW - Duques Hall, Suite 550  
Washington, DC 20052

Contact for questions:  
[business@gwu.edu](mailto:business@gwu.edu) ~ 202-994-1212  
9:00 a.m. - 6:00 p.m., Monday through Friday

## REQUIREMENTS

The following requirements must be fulfilled: 33 credits, including 21 credits in core courses and 12 credits in elective courses.

In addition, students must complete up to 6 credits in prescribed foundation courses in the areas of computer programming language and database design and applications. If a foundation course was not completed with a minimum grade of B at an accredited institution within five years of matriculation, it must be completed before beginning the program, or within the first year of study in the program.\*

Code	Title	Credits
<b>Foundation courses</b> *		
ISTM 3119 & ISTM 4121	Introduction to Programming and Database Principles and Applications	
or		
ISTM 6200	Python Program Database Applications	
<b>Program requirements</b>		
Core courses		
ISTM 6201	Information Systems Development and Applications	
ISTM 6202	Relational Databases	
ISTM 6204	Information Technology Project Management	
ISTM 6205	Web Application Development	
ISTM 6206	Information Systems Security	

ISTM 6209	Web and Social Analytics
ISTM 6210	Integrated Information Systems Capstone
6 credits in courses selected from the following:	
ISTM 6213	Cloud Applications
ISTM 6214	Foundations of Artificial Intelligence
ISTM 6218	Business Applications of Artificial Intelligence
ISTM 6222	IS/IT Strategy and Implementation
ISTM 6224	Management of Technology and Innovation
ISTM 6225	Cloud Foundations

#### **Electives**

6 credits in ISTM courses at the 6000 level or above, excluding ISTM 6200 and ISTM 6500

## COMBINED PROGRAM

### Combined program

- Dual Master of Business Administration and Master of Science in the field of information systems technology (<http://bulletin.gwu.edu/business/dual-mba-msist/>)