

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^{**}: Fall and Summer

Round 1 1/15

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.

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 IETLS: 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 ~ 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 |
|-----------------------------|--|---------|
| Foundation courses * | | |
| ISTM 3119 & ISTM 4121 | Introduction to Programming and Database Principles and Applications | |
| or | | |
| ISTM 6200 | Programming in Python and R | |
| Program requirements | | |
| 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/>)