

MASTER OF ENGINEERING IN THE FIELD OF CLOUD COMPUTING MANAGEMENT (STEM, ONLINE)

The master of engineering in the field of cloud computing management is an interdisciplinary program that draws courses from three departments across SEAS: computer science, electrical and computer engineering, and engineering management and systems engineering. The purpose of the master of engineering in cloud computing management is to address the broad scope of business and technical issues associated with managing an IT infrastructure in a cloud-based environment. Students study issues of strategy, security, data analytics, and delivery of microservices across multiple cloud computing models. The program is designed for students with technical degrees or nontechnical degrees who wish to study the evolving issues of transforming critical business operations to thrive in the dynamic cloud computing environment.

This is a STEM designated program.

- Visit the program website (<https://online.engineering.gwu.edu/online-master-engineering-cloud-computing-management/>) for additional information
- Download a free brochure (https://online.engineering.gwu.edu/sites/g/files/zaxdzs5816/files/2024-03/me.cloud_.2024.pdf)
- Begin your application (<https://online.engineering.gwu.edu/apply/>)

ADMISSIONS

Admission deadline: Admission offered on a rolling basis for Fall, Spring, and Summer terms.

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.

Students with degrees from non-US universities should submit certified course-by-course and degree evaluations of their transcripts. For a list of accredited evaluation agencies, please click here (<http://www.naces.org/members/>). These agencies can translate and evaluate your transcripts by determining the equivalent course, grade, and degree in the United States.

Statement of purpose:

In no more than 250 words, describe how the Cloud Computing Management program fits into your professional life and career objectives.

International applicants only:

Please review International Applicant Information (<http://graduate.admissions.gwu.edu/international-applicants/>) carefully for details on required documents and English language requirements.

For more information on the admission process, please visit: the online program admissions web site (<https://onlinecybersecurity.seas.gwu.edu/me-cloud-computing-management/admissions/>).

Contact for questions:

applyonline@gwu.edu - 1-833-330-1454 / Ext. 1 (phone) - 1-949-524-8638 (fax)
11:00am-7:30 pm, Monday through Friday

REQUIREMENTS

The following requirements must be fulfilled: 30 credits in required courses.

Code	Title	Credits
Required		
CSCI 6012	Cybersecurity and Privacy	
CSCI 6018	Cloud Application Architecture	
ECE 6132	Secure Cloud Computing	
EMSE 6540	Management of Information and Systems Security	
EMSE 6543	Managing the Protection of Information Assets and Systems	
EMSE 6544	Auditing, Monitoring, and Intrusion Detection for Information Security Managers	
EMSE 6820	Program and Project Management	
SEAS 6411	Management and Compliance in Cloud Computing (Prerequisite: ECE 6132)	
SEAS 6412	Cloud Migration Strategy (Prerequisite: ECE 6132)	
SEAS 6800	Special Topics	