

INFORMATION SYSTEMS AND TECHNOLOGY MANAGEMENT CONCENTRATION

The concentration in information systems and technology management enables undergraduate students to acquire an in-depth understanding of information technology (IT) and the skills and analytical methods needed to design and develop the information systems (IS) that businesses find indispensable. The IT overview covers areas ranging from data communications, to data management. Students also learn about and have opportunities for practical experience in the structured development of information systems, programming, database design, and other techniques needed for successful IS design and develop. These IS/IT-specific skills and knowledge, coupled with an understanding of the other aspects of business acquired in the program, give students a competitive start in their chosen careers.

REQUIREMENTS

The following requirements must be fulfilled for the concentration in information systems and technology management: 15 credits in required and selected courses; at least 9 of these credits must be taken in residence. All concentration courses must be completed with a minimum grade of C-.

Concentrations are only available to GWSB students. See Concentrations (<https://bulletin.gwu.edu/business/#regulationstext>) under GW School of Business Undergraduate Regulations in this Bulletin for additional information.

Code	Title	Credits
Required		
ISTM 3119	Introduction to Programming	
ISTM 4120	Business Systems Development	
ISTM 4121	Database Principles and Applications	
Two courses selected from the following:		
ISTM 4205	Web Applications Development	
ISTM 4206	Foundations of Information Systems Security and Ethics	
ISTM 4209	Foundations of Web Analytics	
ISTM 4213	Foundations of Cloud Applications	
ISTM 4214	Foundations of Artificial Intelligence	
ISTM 4215	Human-Computer Interaction	
ISTM 4216	Mobile Application Development	
ISTM 4217	Internet of Things Management	

ISTM 4223	Innovation Ventures
ISTM 4233	Emerging Technologies
ISTM 4900	Special Topics