UNDERGRADUATE EMBEDDED CERTIFICATE IN INFORMATION TECHNOLOGY MANAGEMENT

The Information Technology Management (ITM) Certificate focuses on the design and development of computer-based business information systems and the role they play in organizations. It covers such topics as database design, systems analysis and design, data communications, and other concepts employed in the application of information technology to business activities.

This certificate is available to all undergraduate students at Georgia Tech.

For more information about Scheller College of Business certificates and how to apply, click here.

Program of Study

Code	Title	Credit Hours
Required courses:		
MGT 2210	Information Systems and Digital Transformation [4]	3
One (1) course in programming: [1,3,4]		3
CS 1301	Introduction to Computing	
CS 1331	Introduction to Object Oriented Programming	
CS 1371	Computing for Engineers	
CS 1372	Structured Program Design for Engineers	
MGT 3745	Business Programming	
One (1) course in database management: [2,3,4]		3
MGT 4058	Database Management Systems	
CS 4400	Introduction to Database Systems	
Two (2) courses from the following: [4]		6
MGT 3743	Analysis of Emerging Technologies	
MGT 4050	Business Analytics	
MGT 4052	Systems Analysis and Design	
MGT 4053	Business Data Communications	
MGT 4056	Electronic Commerce	
MGT 4057	Business Process Analysis and Design	
MGT 4450	Project Management	
Total Credit Hours		**15**

[1] Only one (1) course from the list of programming courses may count toward the certificate unless student failed to earn a "C" or higher in a course already taken from the list.

[2] Only one (1) course from the list of database courses may count toward the certificate unless student failed to earn a "C" or higher in a course already taken from the list.

[3] If student is prohibited by Institute, School, or departmental policy from "double counting" any course that may apply toward the ITM certificate, student must substitute courses from the list of ITM General Electives to satisfy the 5 course requirement for the certificate.

[4] All courses must be completed with a 'C' or higher.