

INFORMATION TECHNOLOGY AND SYSTEMS MAJOR

The Computer and Information Sciences Department offers a Bachelor of Science degree in information technology and systems (ITS). The ITS major provides students with skills and hands-on experience in systems analysis, database management, web programming, cybersecurity, network administration, and software development. This major emphasizes the needs of capable new technology users across virtually every field of employment. The structure of the information technology systems major allows students to tailor their programs to current workplace demands and long-term career objectives.

For more information

Visit the information technology and systems program webpage.

CIP Code

11.0101 - Computer and Information Sciences, General.

You can use the CIP code to learn more about career paths associated with this field of study and, for international students, possible post-graduation visa extensions. Learn more about CIP codes and other information resources.

Requirements

Information technology and systems majors must complete 10 courses in computer science:

Course	Title	Credits
Required Courses		
CISC 1100 or CISC 1400	Structures of Computer Science Discrete Structures	3 to 4
CISC 1600 & CISC 1610	Computer Science I and Computer Science I Lab ¹	4
CISC 2000 & CISC 2010 or CISC 3400	Computer Science II and Computer Science II Lab Java Programming	4
CISC 2201	Systems Analysis	4
CISC 2350	Information and Web Programming	4
CISC 3500	Database Systems	4
CISC 3580 or CISC 3600	Cybersecurity and Applications Secure Cyber Networks	4
CISC 4615 or CISC 4700	Data Communications and Networks Network and Client Server	4
Electives		
Select two elective computer science courses ²		8

¹ Students who take CISC 1600 during Fordham's Summer Session do not take CISC 1610, as the summer lecture and lab are offered in a combined format.

² These electives are chosen with approval of the academic adviser and selected from CISC 2000 Computer Science II through CISC 4999 Tutorial.

Availability

The major in information technology and systems is available to students in Fordham's School of Professional and Continuing Studies at Lincoln Center and Rose Hill.

Professional and Continuing Studies students: The requirements above are in addition to those of the PCS Core Curriculum and any additional electives that may be required to earn a minimum of 124 credits.