INFORMATION SCIENCE MAJOR

Requirements

The major in information science may be taken toward either the Bachelor of Arts (B.A.) or the Bachelor of Science (B.S.) degree awards. The B.A. requires 13 courses and the B.S. requires two additional courses.

Course	Title	Credits
Required Courses (both B.A. and B.S.)		
CISC 1100	Structures of Computer Science	3 to 4
or CISC 1400	Discrete Structures	
CISC 1600 & CISC 1610	Computer Science I and Computer Science I Lab [1]	4
CISC 2201	Systems Analysis	4
CISC 2350	Information and Web Programming	4
CISC 2500	Information and Data Management	4
CISC 2850	Computer and Data Analysis	4
CISC 3500	Database Systems	4
CISC 3850	Information Retrieval Systems	4
CISC 4020	Bioinformatics	4
CISC 4615	Data Communications and Networks	4
CISC 4631	Data Mining	4
Select two electives [2]		
Additional courses required for the Bachelor of Science		
CISC 3300	Internet and Web Programming	4
One cybersecurity course		
CISC 3580	Cybersecurity and Applications	
CISC 3600	Secure Cyber Networks	
CISC 3650	Forensic Computing	
CISC 4510	Computer Security Systems	

[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] Elective courses are selected from department courses in consultation with a department adviser. One of the electives must be numbered 2000 or above, while the other must be 3000 or above, excluding CISC 4001 Computers and Robots in Film, CISC 4650 Cyberspace: Issues and Ethics, and CISC 4660 Minds, Machines, and Society.

Availability

The major in information science is available at Fordham College at Rose Hill and Fordham College at Lincoln Center. Students in Fordham's School of Professional and Continuing Studies may major in information science only if their schedules are sufficiently flexible to permit them to take day courses at the Rose Hill or Lincoln Center campuses. **Effective Spring 2020, the major in Information Science has been suspended, and is not accepting new major declarations.**

Fordham College at Rose Hill students: *The requirements above are in addition to those of the* Core Curriculum*.*

Fordham College at Lincoln Center students: *The requirements above are in addition to those of the* Core Curriculum.

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.*

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.