

INFORMATION SCIENCE

CC and GS students who declare the Info Science major in the Fall 2026 semester and beyond must follow this new curriculum. Please review your Bulletins for more information, and use the guide below to help you plan.

PREREQUISITES

- Calculus I

MATH REQUIREMENT

- Linear Algebra / Probability
 - MATH UN2015, STAT UN1201, COMS W3251, APMA E3101, APMA E2101, MATH UN2010, STAT GU4001, STAT GU4203, IEOR E3658

IS CORE

- The following 6 courses must be taken:
 - COMS W1004/1007 Intro to CS
 - COMS W3134/3137 Data Structures
 - COMS W3157 Advanced Programming
 - COMS W3203 Discrete Math
 - COMS W3261 CS Theory
 - CSEE W3827 Fundamentals of Computer Systems

IMPORTANT NOTES

NO MORE INFO SCI PROPOSAL

EXPANDED INFO SCI CORE

AFC AS CS ELECTIVES

INTERDISCIPLINARY ELECTIVES

- Your 3 non-COMS electives must all be from the same department (e.g., all 3 from STAT or all 3 from POLS)
- Please keep in mind that including another department's course in your IS Course Plan does not guarantee registration. It would be wise to confirm your eligibility for courses with the relevant interdisciplinary department

CS ELECTIVES

- Select 3 courses from the following list of Area Foundation Courses (AFC):
 - COMS W4111 Introduction to Databases
 - COMS W4113 Distributed Systems Fundamentals
 - COMS W4115 Programming Languages and Translators
 - COMS W4118 Operating Systems
 - CSEE W4119 Computer Networks
 - COMS W4152 Engineering Software-as-a-Service
 - COMS W4156 Software Engineering
 - COMS W4160 Computer Graphics
 - COMS W4167 Computer Animation
 - COMS W4170 User Interface Design
 - COMS W4181 Security I
 - CSOR W4231 Analysis of Algorithms
 - COMS W4236 Introduction to Computational Complexity
 - COMS W4701 Artificial Intelligence
 - COMS W4705 Natural Language Processing
 - COMS W4731 Computer Vision
 - COMS W4733 Computational Aspects of Robotics
 - CBMF W4761 Computational Genomics
 - COMS W4771 Machine Learning
 - CSEE W4824 Computer Architecture
 - CSEE W4868 System-on-Chip Platforms

INTERDISCIPLINARY ELECTIVES

- 3 non-COMS courses at the 3000- level or higher worth at least 3-points, from a single department