

2024-2025 CSCI Upper-Level Major Required Course Offerings

**Counts as an online course for sponsored international students*

Spring 2024	Summer 2024	Fall 2024 (Tentative)	Spring 2025 (Tentative)
CS Core	CS Core	CS Core	CS Core
CSCI 3287: Database System Concepts	N/A	CSCI 3287: Database System Concepts	CSCI 3287: Database System Concepts
CSCI 3412: Algorithms		CSCI 3412: Algorithms	CSCI 3412: Algorithms
CSCI 3508: Intro to Software Engineering		CSCI 3508: Intro to Software Engineering (Restricted to BA degrees)	CSCI 3508: Intro to Software Engineering
CSCI 4034: Theoretical Found. of Comp Sci		CSCI 4034: Theoretical Found. of Comp Sci	CSCI 4034: Theoretical Found. of Comp Sci
CSCI 4739: Senior Design II		CSCI 4738: Senior Design I	CSCI 4739: Senior Design II
CS Systems Core (Restricted to BS degrees & CSSC)	CS Systems Core	CS Systems Core (Restricted to BS degrees & CSSC)	CS Systems Core (Restricted to BS degrees & CSSC)
CSCI 3453: Operating System Concepts	N/A	CSCI 3761: Intro. to Computer Networks	CSCI 3415: Principles of Prog. Languages
CSCI 3761: Intro. to Computer Networks		CSCI 4551: Parallel & Distributed Comp.*	CSCI 3453: Operating System Concepts
CSCI 4591: Computer Architecture			CSCI 3761: Intro. to Computer Networks
			CSCI 4591: Computer Architecture
BSCS Breadth Courses	BSCS Breadth Courses	BSCS Breadth Courses	BSCS Breadth Courses
CSCI 4743: Secure Computing	N/A	CSCI 4741: Secure Computing	CSCI 4743: Secure Computing
CSCI 4287 & CSCI 4565: System Software*		CSCI 4565: System Software*	CSCI 4287: System Software
CSCI 4110: Scientific Computing*		CSCI 3650 & 4650: Scientific Computing	CSCI 4650: Scientific Computing*
CSCI 4455: Data Science*		CSCI 4930: Data Science	CSCI 4702: Data Science*

NOTE: CSCI 3415 & CSCI 3453 are moving to a SPRING rotation

2024-2025 BSCY Upper-Level Major Required Course Offerings

**Counts as an online course for sponsored international students*

Spring 2024	Summer 2024	Fall 2024 (Tentative)	Spring 2025 (Tentative)
CS Core	CS Core	CS Core	CS Core
CSCI 3287: Database System Concepts	N/A	CSCI 3287: Database System Concepts	CSCI 3287: Database System Concepts
CSCI 3412: Algorithms		CSCI 3412: Algorithms	CSCI 3412: Algorithms
CSCI 3453: Operating System Concepts			CSCI 3453: Operating System Concepts
CSCI 3761: Intro to Computer Networks			CSCI 3761: Intro to Computer Networks
CY Core	CY Core	CY Core	CY Core
CSCY 2930: Practical System Admin.	N/A	CSCY 4741: Principles of Cybersecurity	CSCY 2930: Practical System Admin.
CSCY 3740: Computer Security		CSCY 4738: Senior Design I	CSCY 3740: Computer Security
CSCY 4407: Security and Cryptography*		CSCY 4772: Mobile and IoT Security	CSCY 4742: Cybersecurity Prog. & Analsys
			CSCY 4743: Cyber & Infra. Defense
			CSCY 4950: Cybersecurity & Risk Analsys*
			CSCY 4739: Senior Design II