| PROJECTED Rolling Schedule for BS - Computer Science | | Anticipated Course Offerings Effective 2022-2024 | | | | | |

MAJOR	Course Title	FALL 2024	SPRING 2025	SUMMER 2025	FALL 2025	SPRING 2026	SUMMER 2026
COSC 1336	Programming Fundamentals	X	X		X	X	
COSC 1337	Object Oriented Paradigm	X	X		X	X	
COSC 2315	Computer Organization	X	X		X	X	
COSC 2336	Data Structures and Algorithms	X	X		X	X	
COSC 3315	Social and Professional Issues	X	X		X	X	
COSC 3325	Algorithm Design & Analysis	X			X		
COSC 3345	Computer Architecture	X			X		
COSC 3355	Operating Systems		X			X	
COSC 4315	Information Knowledge & Management		X			X	
COSC 4336	Software Development	X			X		
COSC 4360	Net-Centric Computing	X			X		
COSC 4385	Database Management Concepts		X			X	

CAPSTONE	Course Title	FALL 2024	SPRING 2025	SUMMER 2025	FALL 2025	SPRING 2026	SUMMER 2026
COSC 4395	Capstone Project	X	X		X	X	

ELECTIVES	Course Title	FALL 2024	SPRING 2025	SUMMER 2025	FALL 2025	SPRING 2026	SUMMER 2026
COSC 4327	Unix Shell Programming				X		
COSC 4340	Comparative Study of Programming Languages	X					
COSC 4342	Sports Data Analytics	X					
COSC 4345	Computer Graphics	X					
COSC 4352	Data Mining		X		X		
COSC 4356	Computer Vision					X	
COSC 4361	Retail Cyber Security Management		X			X	
COSC 4362	Retail Cyber Security	X			X		
COSC 4363	Contingency Planning	X					
COSC 4364	Cyber Risk Analysis				X		
COSC 4367	Cryptography			X			X
COSC 4370	Undergraduate Internship Program	X	X	X	X	X	X
COSC 4373	Advanced Database Management Concepts						
COSC 4377	Compiler Techniques		X				
COSC 4381	Seminar in Computer Science (Can repeat once - different topics)						
COSC 4388	Digital Forensics		X				
CSCI 4320	Computational Theory						
CSCI 3325	Video Game Development I	X	X		X	X	
CSCI 3326	Video Game Development II	X	X		X	X	
CSCI 4332	Modern Programming (Can repeat once - different topics)						
CSCI 4333	Assembly Language Programming						
CSCI 4350	Machine Learning	X				X	
CSCI 4351	Deep Learning				X		
CSCI 4362	Ethical Hacking	X					
CSCI 4363	Malware Reverse Engineering					X	

EXPLANATION OF ELECTIVES ON COMPUTER SCIENCE PLAN
Upper Division COSC/CSCI Elective: Any Advisor Approved COSC 3000 or 4000 level course.
Upper Division Elective: Any Advisor Approved 3000 or 4000 level course (Not required to be in the Soules College of Business but it can be.)
Upper/Lower Division Elective: Any course that is 1000, 2000, 3000, or 4000 level. The second number tells you how many hours the class is worth.

*See Academic Catalog for prerequisites.

NOTE- Rolling schedule is subject to change without notice. This is not your degree plan; this is a tool to be used in conjunction with your degree plan and Academic Catalog.

Some elective course offerings are subject to change dependent on staffing availability and programmatic needs

Registration dates: Fall-April 1st, Spring-November 1st, Summer-February 1st. Dates are subject to University schedule.