

MINOR IN INFORMATION SYSTEMS

All Information Systems minors are required to take 20 units in computer science and information systems. At least half must be taken at Towson University. Students cannot major in Computer Science or Information Technology and minor in Information Systems.

Code	Title	Units
Required CIS/COSC Courses		
CIS 211	FUNDAMENTALS OF INFORMATION SYSTEMS & TECHNOLOGY	3
COSC 236	INTRODUCTION TO COMPUTER SCIENCE I ¹	4
COSC 237	INTRODUCTION TO COMPUTER SCIENCE II	4
Elective CIS/COSC Courses		
Select at least three of the following:		9
CIS 328	INTRODUCTION TO DATA ANALYTICS	
CIS 334	DATA ORGANIZATION	
CIS 350	TELECOMMUNICATIONS	
CIS 377	INTRODUCTION TO CYBERSECURITY	
CIS 379	SYSTEMS ANALYSIS AND DESIGN	
CIS 397	INTERNSHIP IN CIS	
CIS 425	DECISION SUPPORT SYSTEMS	
CIS 426	GAMING INTERFACE DESIGN	
CIS 428	TEXT ANALYTICS	
CIS 433	SELECT TOPICS INFO SYST	
CIS 435	HUMAN-COMPUTER INTERACTION	
CIS 440	SYSTEM DEVELOPMENT / E-COMMERCE	
CIS 445	UNIVERSAL USABILITY: DESIGNING COMPUTER INTERFACES FOR BLIND USERS	
CIS 458	ORGANIZATIONAL DATABASE MANAGEMENT	
CIS 468	APPLIED DATA MINING AND VISUAL ANALYTICS	
CIS 475	INFORMATION SYSTEMS CAPSTONE	
CIS 479	SOFTWARE PROJECT MNGT	
CIS 495	INDEPENDENT STUDY IN COMPUTER INFORMATION SYSTEMS	
ITEC 464	WEB DEVELOPMENT	
One course from outside CIS/COSC may be used if it is first approved by the Department of Computer and Information Sciences		
Total Units		20

¹ COSC 175 is a prerequisite for COSC 236.