



Computer Science Major Advisement Audit

A grade below C in any 300 or 400 level computer science course is unacceptable toward the major.

Required Courses

Course	Title	Credits	Date	Grade
CSC 210	Computer Science and Programming I	3		
CSC 231	Computer Science and Programming II	3		
CSC 251	Net-centric Computing	3		
CSC 330	Data Structures	3		
CSC 335	Design and Analysis of Computer Algorithms	3		
CSC 340	Programming Languages and Translation	3		
CSC 341	Database and Information Management	3		
CSC 344	Operating Systems	3		
CSC 378	Computer Organization and Architecture	3		
CSC 445	Software Engineering and Professional Practice	3		
CSC 450	Senior Seminar	3		

Elective Courses

Select any additional 12 computer science credits, numbered 300 or above, except internships.

*Courses within each of the following categories offer a concentrated study of a subject area if desired.

Concentration	Course	Title	Credits	Date	Grade
Hardware Architecture	CSC 347	Embedded Micro-Controllers	3		
	CSC 355	Digital Logic	3		
	CSC 365	Advanced Digital Logic	3		
	CSC 420	Microprocessors	3		
Net-Centric Computing	CSC 337	Computer Networks and Distributed Processing	4		
	CSC 338	Computer Networks and Distributed Programming	4		
	CSC 339	Network Management and Administration	4		
	CSC 358	Parallel Processing	4		
	CSC 410	Client/Server Computing	3		
Computational Science	CSC 350	Numerical Analysis	3		
	CSC 351	Signals and Systems	4		
	CSC 352	Digital Signal Processing	3		
	CSC 353	Introduction to Wavelet Theory and Applications	3		
	CSC 325	Introduction to Theory of Computing	3		
	CSC 455	Computer System Performance Evaluation	3		
Software Development	CSC 375	Artificial Intelligence	3		
	CSC 410	Client/Server Computing	3		
	CSC 456	Advanced Software Development	3		
	CSC 475	Intelligent Systems	3		

Mathematics Requirements

Course	Title	Credits	Date	Grade
MAT 230	Discrete Structures	3		
MAT 243	Calculus I with Technology	4		
MAT 244	Calculus II with Technology	4		

The total number of credits for graduation must include 60 credits at the 200 level or higher and at least 30 credits at the 300 level or higher. You must have a minimum of 120 credits for graduation.