

COMPUTER SCIENCE

Content Area Requirements

Code	Title	Credits
Secondary Content Area Requirements		18.00
Take all of the following:		
CS-101	COMPUTER SCIENCE SEMINAR	
CS-108	INTRODUCTION TO COMPUTER SCIENCE	
CS-111	COMPUTER SCIENCE 1	
CS-311	ALGORITHMS AND DATA STRUCTURES	
CS-360	SOFTWARE ENGINEERING	
CS-435	COMPUTER NETWORKS	
Primary Content Area		12.00
Take all of the following:		
CS-405	OBJECT-ORIENTED DESIGN FOR SECONDARY EDUCATION	
CS-408	INTRODUCTION TO COMPUTER SCIENCE FOR SECONDARY EDUCATION	
Take one of the following:		
CS-411	FOUNDATIONS OF PROGRAMMING FOR SECONDARY EDUCATION	
CS-413	ALGORITHMS & DATA STRUCTURES FOR SECONDARY EDUCATION	
Endorsement Area Requirements		13.00
Take one of the following:		
CS-411	FOUNDATIONS OF PROGRAMMING FOR SECONDARY EDUCATION	
CS-413	ALGORITHMS & DATA STRUCTURES FOR SECONDARY EDUCATION	
Take 9 credits from the following:		
CS-211	COMPUTER SCIENCE II	
CS-226	SQL: STRUCTURED QUERY LANGUAGE	
CS-250	COMPUTER ORGANIZATION AND ARCHITECTURE	
CS-253	INTRO TO SYSTEMS PROGRAMMING	
CS-401	FUTURE PROFESSIONALS SEMINAR	
CS-410	AUTOMATA:THEORY OF COMPUTATION	
CS-420	ANALYSIS OF ALGORITHMS	
CS-430	OPERATING SYSTEMS	
CS-440	INTELLIGENT SYSTEMS:AI AND INFORMATION	
CS-445	DATABASES AND KNOWLEDGE MANAGEMENT	
CS-450	USER INTERFACE DESIGN AND EVALUATION	
CS-480	CAPSTONE DESIGN PROJECT	
CS-499	RESEARCH PROJECT AND SEMINAR IN COMPUTER SCIENCE	
Total Credits		43.00