

Computer and Information Sciences

ASSOCIATE OF SCIENCE DEGREE

Term Effective: Fall 2005

Computer and Information Sciences major leads to the Associate of Science degree and prepares the student for transfer to a four-year institution. Students completing a baccalaureate program or a graduate degree may be hired for systems analysis, systems design, programming, and systems project leadership and systems management jobs.

Required Courses - Major:

	Units	
Comp. Sci. 220	3	Introduction to Computer Science
Comp. Sci. 221	3	Programming and Algorithms I
Comp. Sci. 222	3	Programming and Algorithms II
Plus 6 additional units of languages:	6	
Comp. Sci. 134	3	Developing Web Applications
Comp. Sci. 203	3	Programming in Visual Basic for Windows
Comp. Sci. 204	3	Database Application Development Using Access & VBA (Visual Basic for Applications)
Comp. Sci. 213	3	Programming in C++
Plus 6 additional units selected from the following:	6	
Business 200	4	Financial Accounting
Comp. Sci. 105	1.5	UNIX Operating System
Comp. Sci. 106	1.5	UNIX Operating System II
Comp. Sci. 110	3	Network Operating Systems
Comp. Sci. 130	3	Web Page Design & Development
Comp. Sci. 137	3	Web Page Animation & Authoring
Comp. Sci. 140	3	Intro. to Structured Systems Analysis & Design
Comp. Sci. 196	1-4	Cooperative Work Experience Education
Comp. Sci. 201	3	Intro. to Windows Applications
Total Major units	21	
Total Degree units	60	

Addendum to Computer and Information Sciences

ASSOCIATE OF SCIENCE DEGREE

Term Effective: Spring 2007

Addendum deletes CSC 137 and changes the sequence of courses as follows: CSC 105 is moved from the restricted elective area to the required area.

	Units	
Comp. Sci. 105	1.5	UNIX Operating System
Comp. Sci. 220	3	Introduction to Computer Science
Comp. Sci. 221	3	Programming and Algorithms I
Comp. Sci. 222	3	Programming and Algorithms II
Plus 6 additional units of languages:	6	
Comp. Sci. 134	3	Developing Web Applications
Comp. Sci. 203	3	Programming in Visual Basic for Windows
Comp. Sci. 204	3	Database Application Development Using Access & VBA (Visual Basic for Applications)
Comp. Sci. 213	3	Programming in C++
Plus 6 additional units selected from the following:	6	
Business 200	4	Financial Accounting
Comp. Sci. 106	1.5	UNIX Operating System II
Comp. Sci. 110	3	Network Operating Systems
Comp. Sci. 130	3	Web Page Design & Development
Comp. Sci. 140	3	Intro. to Structured Systems Analysis & Design
Comp. Sci. 196	1-4	Cooperative Work Experience Education
Comp. Sci. 201	3	Intro. to Windows Applications
Total Major units	22.5	
Total Degree units	60	

Addendum to Computer and Information Sciences

ASSOCIATE OF SCIENCE DEGREE

Term Effective: Fall 2007

Addendum deletes CSC 204 and CSC 140.

Required Courses - Major:

	Units
Comp. Sci. 105 UNIX Operating System	1.5
Comp. Sci. 220 Introduction to Computer Science	3
Comp. Sci. 221 Programming and Algorithms I	3
Comp. Sci. 222 Programming and Algorithms II	3
Plus 6 additional units of languages:	6
Comp. Sci. 134 Developing Web Applications	3
Comp. Sci. 203 Programming in Visual Basic for Windows	3
Comp. Sci. 213 Programming in C++	3
Plus 6 additional units selected from the following:	6
Business 200 Financial Accounting	4
Comp. Sci. 106 UNIX Operating System II	1.5
Comp. Sci. 110 Network Operating Systems	3
Comp. Sci. 130 Web Page Design & Development	3
Comp. Sci. 196 Cooperative Work Experience Education 1-4	
Comp. Sci. 201 Intro. to Windows Applications	3
Total Major units	22.5
Total Degree units	60