

## Department Requirements (Total Department Units: 27)

<i>2011-12</i> Course No.	<i>Previous</i> Course No.	<i>Title</i> <small>applies to SBCC GE areas</small>	<i>Units</i>	<i>Institution &amp;</i> <i>Course No.</i>	<i>Grade</i>	<i>Units</i> (s/q)	<i>Term</i>
• CIS 101	.....(none)	.....Intro to Computers & Info Systems <sup>D2</sup>	.....4.0				
• CIS 107	.....(none)	.....Database Systems with SQLite	.....4.0				
• CIS 218	.....(none)	.....MS Windows Desktop System Admin	.....4.0				
• CIS 220	.....(none)	.....Introduction to Electronic Commerce <b>OR</b>	.....3.0				
MKT 220	.....(BUSAD 220/MAT 220)	.....Introduction to Electronic Commerce <b>OR</b>	.....3.0				
CIS 246	.....(none)	.....Management of Information Technology	.....3.0				
• CIS 245	.....(none)	.....IT Project Management	.....4.0				
• COMP 101	.....(COMAP 101/CIS 109)	.....Introduction to Computer Applications	.....4.0				
<i>Plus one of the following:</i>							
• CIS 119	.....(none)	.....Intro. to Programming Using Visual Basic	.....4.0				
• CIS 201	.....(none)	.....UNIX/Linux System Admin	.....4.0				
• CIS 206	.....(none)	.....MS Windows Server System Admin	.....4.0				
• CIS 209	.....(none)	.....Visual Basic.NET Programming	.....4.0				
• CIS 231	.....(none)	.....SQL Server Design and Programming	.....4.0				
• CIS 243+	.....(none)	.....Systems Analysis and Design	.....4.0				
• CIS 252	.....(none)	.....Introduction to MySQL	.....4.0				
+ Students who completed CIS 240 are not required to complete CIS 243.							
Optional:							
• CIS 290	.....(261AB)	.....Work Experience in Computer Info. Syst	.....1-4				

Recommended Sequence - First semester: CIS 101, COMP 101; second semester: CIS 218; third semester: CIS 107, CIS 220/MKT 220 or 246; fourth semester: elective & CIS 245.

**Associate Degree Graduation Requirements:** (1) Complete all department requirements with a “C” or better in each course. Candidates for an Associate Degree are also required to complete at least 20% of the department requirements through SBCC. Pass/No Pass grading is not permitted in those courses needed to fulfill department requirements; (2) Complete at least 18 units of General Education Requirements ([Areas A-D](#) of the SBCC General Education pattern); (3) Complete the SBCC Institutional Requirements ([Area E](#)); (4) Complete the Information Competency Requirement ([Area F](#)); (5) Complete a total of 60 degree-applicable units (SBCC courses numbered 100 and higher); (6) Maintain a cumulative GPA of 2.0 or better in all units attempted at SBCC; (7) Maintain a cumulative GPA of 2.0 or better in all college units attempted; and (8) Candidates for an Associate Degree are required to complete 15 units through SBCC.

### Additional Program Information

For further information, contact the Counseling Center, 965-0581, Ext. 2285, or Esther Frankel, Department Chair, 965-0581, Ext. 2224. Check your degree progress with DARS U-Achieve at [www.sbcc.edu/DARS](http://www.sbcc.edu/DARS).

**SBCC AA/AS Degree Graduation Requirements (Must complete I, II, III and IV below)**

I. General Education, Institutional & Information Competency (Institution & Course Number)	Grade	Units (s/q)	Term
<b>A-D. General Education Requirements**</b>			
A. Natural Sciences with Lab			
B. Social and Behavioral Science			
C. Humanities			
D. Language and Rationality			
D-1. English Composition			
D-2. Communication and Analytical Thinking			
<b>E. SBCC Institutional Requirements**</b>			
E-1. Mathematics			
<i>Plus complete three out of the four areas listed below (E-2 through E-5)</i>			
E-2. American Institutions			
E-3. Physical Education/Health Education			
E-4. Oral Communication			
E-5. Multicultural/Gender Studies			
<b>F. Information Competency Requirement**</b>			

\*\*For specific course, unit, grade and other graduation requirements see the General Education, Institutional and Information Competency Requirements handout available in the Counseling department or visit <http://www.sbccc.edu/apply/files/gereq.pdf>

**II. Unit and Grade Point Average Requirements:** Refer to Graduation Requirements on the other side of this document.

	<i>Total Semester Units Attempted</i>	<i>Total Semester Units Completed</i>	<i>Grade Points</i>	<i>GPA</i>
SBCC				
Transfer				
Total				

**III. Residency Requirements:** 1) 15 units completed through SBCC?  Yes  No  
 2) 20% of Department Requirements completed through SBCC?  Yes  No

**IV. Department Requirements:** Refer to the other side of this document for a list of required courses. Were all department requirements completed with a "C" or higher in each course?  Yes  No

Waivers/Substitutions: \_\_\_\_\_

Counselor Comments: \_\_\_\_\_

Student's Name: \_\_\_\_\_ Student ID: K \_\_\_\_\_

Counselor's Name: \_\_\_\_\_ Code: \_\_\_\_\_ Date: \_\_\_\_\_



Santa Barbara City College

# Computer Information Systems

*2011-12*

## Associate in Science Degree in Computer Information Systems

The goal of the Computer Information Systems department is to provide students with a broad background in the application of computers to the emerging needs of business and industry. Training is offered in three programs: an occupational AS Degree with strong emphasis in both computer systems and business studies, a transfer curriculum in preparation for a four-year program in Management Information Systems (or Computer Information Systems), and a one-year certificate program which provides marketable skills in office microcomputer management and/or computer network administration.

### Careers in Computer Information Systems

The Computer Information Systems program of study prepares students for entry-level positions in computer programming, systems analysis, computer operations and network management, information systems management, and sales and technical information positions.

***SBCC: Your Open Door to Educational Excellence***