

# INFORMATION SYSTEMS AND TECHNOLOGY ASSOCIATE OF SCIENCE DEGREE

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To graduate with a specialization in Information Systems and Technology students must complete the following required courses plus the general breadth requirements for the Associate Degree (minimum 60 semester units). The A.S. Degree in Information Systems and Technology is designed to prepare students who wish to pursue a bachelor's degree from a four-year institution.

Code	Title	Units
<b>Required Courses:</b>		
ECON 208	Business and Economic Statistics	4
or MATH 108	Introduction to Probability and Statistics	
or MATH 108H	Introduction to Probability and Statistics - Honors	
BUSAD 210	Business Law	3
CIT 101	Introduction to Computer Literacy	3
CIT 116	Database Management: Access	3
CIT 140	Introduction to Systems Analysis and Design	3
CIT 160	Introduction to Information Systems Security	3
CIT 215	Database Management Systems	3
CIT 232	Computer Network Fundamentals	3
CS 120	Introduction to Visual Basic.NET	4
MATH 102	College Algebra	4
or MATH 151	Precalculus	
<b>Total Units</b>		<b>33</b>

Code	Title	Units
<b>Recommended Courses:</b>		
CS 215	Programming with Java	4
CS 077	Introduction to C-Sharp	4

To earn an SBVC Associate Degree students must complete one of the following general education patterns:

SBVC GE requirements (<https://www.valleycollege.edu/student-services/counseling/graduation-requirements/>)

CSU GE requirements (<https://www.valleycollege.edu/student-services/counseling/csuge/>)

IGETC requirements (<https://www.valleycollege.edu/student-services/counseling/igetc/>)

## Program Learning Outcome

At the completion of this program, students will be able to:

- Demonstrate level of preparation appropriate for a program that is designed to serve as a transfer course to CSU San Bernardino (CSUSB) by being accepted as a transfer student at CSU San Bernardino with a major in Information Systems and Technology major at CSUSB.