

Information Systems A.S. • 2018 - 2019

The Associate in Science in Advanced Information Systems prepares students transferring to a CSU in Information Technology-Information Systems (IT IS). The required classes represent the normal undergraduate core for transfer to the CSU. Graduates from a CSU have a wide range of career options including: business, industry, teaching, research, and agriculture. They work in multiple specialty areas including: business application developers, business analysts, database designers, web and E-Commerce developers and administrators, webmasters, wireless and mobile application developers, network and security specialists, network administrators, social media specialists, and information systems consultants.

Program Learning Outcomes: By the completion of the degree the student will be able to demonstrate knowledge of a broad business and real world perspective of information technology.; apply knowledge of data design and data management principles demonstrate knowledge of basic programming principles; demonstrate the ability to select, implement and evaluate appropriate problem solving techniques and tools; design effective and usable IT-based solutions and integrate those components into the user environment; communicate effectively and efficiently with clients, users and peers both verbally and in writing, using appropriate terminology.

1. Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:
 - a. 40 units from either the Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.
 - b. A minimum of 18 semester units in the major as determined by the required courses described below.
2. Obtainment of a minimum grade point average of 2.0.

Students must earn a “C” or better in all courses required for the major.

Required Core Courses - 13 units	Units
<input type="checkbox"/> INFS P100 - Introduction to Information Systems	3
<input type="checkbox"/> INFS P110 - Information & Communication Technology Essentials	4
<input type="checkbox"/> INFS P113 - Introduction to Programming Concepts & Methodologies	3
<input type="checkbox"/> INFS P220 - Data Communication & Networking	3

List A - Select 6 units or 2 courses from the following courses:	Units
<input type="checkbox"/> BSAD P132 - Business Communications	3
<input type="checkbox"/> INFS P164 - Introduction to Information Systems Security - Ethical Hacking	3
<input type="checkbox"/> INFS P180 - Introduction to Database Management Systems	3
<input type="checkbox"/> INFS P210 - Systems Analysis & Design	3

List B - Select 3 units or 1 course from the following courses	Units
<input type="checkbox"/> BSAD P155 - Business Statistics	3
<input type="checkbox"/> Introduction to Probability & Statistics	3

General Education: In addition to completing major requirements, students must also complete one general education pattern:

1. PC General Education 2. IGETC Pattern 3. CSU General Education Pattern

Electives as needed to complete the 60 minimum units for degree

Effective Summer 2017