



Information Systems and
Decision Sciences

Certificate in Business Information Systems

Requirements

Eligibility

Applicants for the certificate will need to meet one of the following criteria:

1. Have a bachelor's degree in any field from an accredited institution **or**
2. Have an associate of arts degree from a two-year accredited college and a minimum of two years of business experience **or**
3. Have a major in business at an accredited four-year institution of higher education.

Note: Students majoring in IS (or an equivalent program) are not eligible for the BIS or NA Certificates.

Prerequisites

Before entering the certificate program, applicants will need to demonstrate that they:

1. Have completed at least six units of elementary accounting
2. Are conversant in computer concepts (equivalent to IS 52 and 52L at a minimum.)
3. Have filled out the application form and sent it to

csbstusupport@mail.fresnostate.edu

Approval of the certificate program coordinator or the department chair is required.

Required Courses (9 Units)

Course
IS 158 Database Design and SQL
IS 166 Information Systems, Analysis and Design
IS 181 Computer Networks Management

Elective Courses (6 Units) – Select two

Course
IS 51 Programming Fundamentals
IS 106 Client-Side Software Architecture
IS 140 Geographic Information Systems (GIS) for Business
IS 182 Advanced Network Design and Management
IS 183 Web Development and Mobile Design
IS 186 Project Management
IS 190 Independent Study
IS 195I Internship