

CERTIFICATE IN BUSINESS ANALYTICS

The Certificate in Business Analytics is designed to give students a well-rounded foundation in analytics in eight courses. Taking courses from the Decision Sciences, Economics, and Information Systems departments, students will be prepared to launch a career or enroll in a Master of Science program in analytics. Through SF State activities, students will have opportunities to experience innovation firsthand and network with entrepreneurs, founders, innovators and more.

Admissions Requirements

Applicants must have completed at least 56 units of university coursework with a minimum GPA of 2.5 and provide official evidence of English proficiency as listed here: English Proficiency Requirement (<https://cel.sfsu.edu/global/english-proficiency/>). Students must have a statistics course equivalent to DS 212, ECON 311, or MATH 124 and an information systems course equivalent to ISYS 263. Students admitted conditionally will be expected to complete the missing coursework in order meet necessary prerequisite requirements. To take the economics courses in the certificate, students would need to have the equivalent of ECON 101 and ECON 102.

Program Learning Outcomes

- a. Students demonstrate effective communication skills in analyzing business situations using quantitative techniques.
- b. Students demonstrate the ability to quantitatively analyze business situations.

Certificate in Business Analytics - 24 units

Core Courses (24 units)

Code	Title	Units
Select One:		3
DS 312	Data Analysis with Computer Applications	
ECON 312	Introduction to Econometrics	
Select One:		3
DS 601	Applied Management Science	
ECON 618	Economic Inference: Methods and Applications	
DS 612	Data Mining with Business Applications	3
DS 660GW	Communications for Business Analytics - GVAR	3
ISYS 363	Information Systems for Management	3
ISYS 412	Application Development for Data Analytics	3
ISYS 464	Managing Enterprise Data	3
ISYS 650	Business Intelligence	3