SFSU MS in Business Analytics Program Course Requirements

Prerequisite Requirements (6 units)

DS 776
(Formerly BUS 776)
Data Analysis for Managers
Prerequisite: None

ISYS 782
(Formerly BUS 782)
Information Systems for Management
Prerequisite: None

*Prerequisite courses may be waived if comparable academic course work was completed within the past seven years with a B- or better grade (subject to faculty course review).

Core Requirements (18 units)

DS 853
Applied Multivariate Analysis
Prerequisite: DS 776
Should be taken concurrently with ISYS 812.

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DS 861
Data Mining and Advanced Statistical Methods for Business Analysts
Prerequisites: DS 853 & ISYS 812

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DS 862
Machine Learning for Business Analysts
Prerequisite: DS 861

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ISYS 812
Programming & Applications for Data Analytics
Prerequisite: ISYS 782 or one semester of programming

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ISYS 864
Data Management for Analytics
Prerequisite: ISYS 812

ISYS 850
Seminar in Business Intelligence
Prerequisite: ISYS 782

Electives (9 units)

MSBA Elective
See Bulletin for Course Options
Prerequisite: See course description for prerequisite(s)

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Culminating Experience (3 units)

BUS 895
Research Project in Business
Prerequisite: 12 units of 800-level business courses. Completion of any conditional admissions requirements. Approved Advancement to Candidacy and Culminating Experience Proposal Form.

All courses in the MS in Business Analytics Program are three (3) units each and must be taken for a letter grade.

July 2026