SF State Master of Science in Business Analytics (MSBA) Degree 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 MSBA program are three (3) units each and must be taken for a letter grade.