

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).

Electives (9 units)

MSBA Elective

See Bulletin for Course Options

Prerequisite: See course description for prerequisite(s)

MSBA Elective

See Bulletin for Course Options

Prerequisite: See course description for prerequisite(s)

MSBA Elective

See Bulletin for Course Options

Prerequisite: See course description for prerequisite(s)

Core Requirements (18 units)

DS 853

Applied Multivariate Analysis

Prerequisite: DS 776

Should be taken concurrently with ISYS 812.

DS 861

Data Mining and Advanced Statistical Methods for Business Analysts

Prerequisites: DS 853 & ISYS 812

DS 862

Machine Learning for Business Analysts

Prerequisite: DS 861



ISYS 812

Programming & Applications for Data Analytics

Prerequisite: ISYS 782 or one semester of programming

ISYS 864

Data Management for Analytics

Prerequisite: ISYS 812

ISYS 850

Seminar in Business Intelligence

Prerequisite: ISYS 782

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.