

# 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.

### **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

## 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.