MINOR IN BUSINESS ANALYTICS

The following requirements must be fulfilled: 18 credits, including 12 credits in required courses and 6 credits in elective courses.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSC 1001</td>
<td>Business Analytics I: Statistics for Descriptive and Predictive Analytics</td>
<td></td>
</tr>
<tr>
<td>or STAT 1051</td>
<td>Introduction to Business and Economic Statistics</td>
<td></td>
</tr>
<tr>
<td>or STAT 1053</td>
<td>Introduction to Statistics in Social Science</td>
<td></td>
</tr>
<tr>
<td>or STAT 1111</td>
<td>Business and Economic Statistics I</td>
<td></td>
</tr>
</tbody>
</table>

And one of the following options:

Option A

- MATH 1051 & MATH 1231
  - Finite Mathematics for the Social and Management Sciences
  - and Single-Variable Calculus I
  - or MATH 1252
  - Calculus for the Social and Management Sciences

Option B

- MATH 1231 & MATH 1232
  - Single-Variable Calculus I
  - and Single-Variable Calculus II

Option C

- MATH 1051 & MATH 1220 & MATH 1221
  - Finite Mathematics for the Social and Management Sciences
  - and Calculus with Precalculus I
  - and Calculus with Precalculus II

Option D

- DSC 4900 & MATH 1231
  - Special Topics
  - and Single-Variable Calculus I
  - or MATH 1252
  - Calculus for the Social and Management Sciences

**Note:** To fulfill this requirement, DSC 4900 must be taken with the topic Foundations of Business Analytics

**Elective field courses**

Two courses from the following:

- DSC 4404
  - Essentials of Project Management
- DSC 4900
  - Special Topics (Forecasting)
- DSC 4900
  - Special Topics (Marketing Analytics)
- DSC 4900
  - Special Topics (Text Analytics)
- DSC 4900
  - Special Topics (Social Network Analytics)
- DSC 4900
  - Special Topics (Supply Chain Management)
- ECON 2123
  - Introduction to Econometrics
- ISTM 4121
  - Database Principles and Applications
- STAT 2118
  - Regression Analysis

**Required field courses**

- DSC 2001
  - Business Analytics II: Predictive and Prescriptive Analytics
- DSC 3403
  - Decision Models
- DSC 4211
  - Programming for Analytics