CATALOG YEAR 15-16

COLLEGE/SCHOOL/SECTION: ARSSB/DIBTS

Course: Add: ___ Delete: ___ Delivery: ___
(check all that apply) Change: Number ___ Title ___ SCH ___ Description ___ Prerequisite ___

Response Required: New course will be part of major ___ minor ___ as a required ___
or elective ___ course

Response Required: New course will introduce ___, reinforce ___, or apply ___ concepts

Response Required: Grade Type ___ Normal (A-F) ___ CR/NC ___ P/F

Shortened Course Format: Equivalent Student Learning Outcomes verified: ___

If new, provide Course Prefix, Number, Title, Measurable Student Learning Outcomes, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current online catalog, provide change and attach text with changes in red and provide a brief justification.

Program: Delete: ___ Add: ___ Change: ___ Attach new/changed Program of Study description and 4-year plan. If in current online catalog, provide change and attach text with changes in red.


Minor: Add: ___ Delete: ___ Change: ___ X ___ Attach new/changed minor. If in current online catalog, provide change and attach text with changes in red.

College Introductory Pages: Add information: ___ Change information: ___
Attach new/changed information. If in current online catalog, provide change and attach text with changes in red.

Other: Add information: ___ Change information: ___ Attach new/changed information. If in current online catalog, provide change and attach text with changes in red.

Approvals:

Chair
Department Curriculum Committee

Chair
Department

Chair
College Curriculum Committee

Dean

Provost

2014

Signature

Date

2/11/2015

2/12/15

2/11/2015

2/13/2015
MINOR IN MANAGEMENT INFORMATION SYSTEMS AND DATA ANALYTICS (MIS & DA)
(For students with majors outside the A. R. Sanchez, Jr. School of Business)

MINOR CURRICULUM - MANAGEMENT INFORMATION SYSTEMS
18 SCH

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIS 2350</td>
<td>Introduction to Programming</td>
</tr>
<tr>
<td>MIS 3310</td>
<td>Management Information Systems</td>
</tr>
</tbody>
</table>

Four courses chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIS 3320</td>
<td>Information Systems Analysis</td>
</tr>
<tr>
<td>MIS 3330</td>
<td>Database Design &amp; Implementation</td>
</tr>
<tr>
<td>MIS 3340</td>
<td>Data Communication and Networking</td>
</tr>
<tr>
<td>MIS 3350</td>
<td>Advanced Programming Concepts</td>
</tr>
<tr>
<td>MIS 3360</td>
<td>Business Data Visualization and Analysis</td>
</tr>
<tr>
<td>MIS 4320</td>
<td>Data Mining and Business Intelligence</td>
</tr>
<tr>
<td>MIS 4360</td>
<td>Social Business Analytics</td>
</tr>
<tr>
<td>MIS 4380</td>
<td>Business Decision Modeling</td>
</tr>
<tr>
<td>MIS 4399</td>
<td>Issues in Information Systems</td>
</tr>
</tbody>
</table>

or any approved elective.

Justification:

Modernization of the existing BBA in MIS Program to include a Data Analytics component, whereby students will learn various state-of-the-art techniques to compile and analyze data from various organizations and from the cloud. The goal of these analyses will be a better understanding of issues that can be used to improve the quality of goods and services in organizations, and the productivity with which those goods and services are generated and delivered to customers.