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| S:\Communications\Logos and photos\SDBORLogos\final_sdbor_webreadyBW_trans.gif | **SOUTH DAKOTA BOARD OF REGENTS**  ACADEMIC AFFAIRS FORMS |
| Minor Program Modification |
|  |  |

Use this form to request minor changes in existing programs (majors, minors, certificates, or specializations). The university Vice President for Academic Affairs approves minor program modifications and they are included in the Annual Minor Program Modification Summary form.

|  |  |
| --- | --- |
| **UNIVERSITY:** | DSU |
| **PROGRAM TITLE:** | Master of Science in Analytics |
| **CIP CODE:** |  |
| **UNIVERSITY DEPARTMENT:** | College of BIS |
| **UNIVERSITY DIVISION:** | Information Systems |

**University Approval**

*To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.*

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| --- | --- | --- |
| C:\Users\slaughts\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Dr. McKay Signature.jpg |  | 12/5/2017 |
| Vice President of Academic Affairs or President of the University |  | Date |

|  |
| --- |
|  |

1. **This modification addresses a change in (*place an “X” in the appropriate box*):**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Course *deletions* that do not change the nature of the program, or distribution of courses in the program, or change of total credit hours required |  | Course *additions* that do not change the nature of the program, or distribution of courses in the program, or change of total credit hours required |
|  |  |  |  |
|  | Revised courses in the program. |  |  |

1. **Effective date of change:** Summer 2018
2. **Program Degree Level (*place an “X” in the appropriate box*):**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Associate |  | Bachelor’s |  | Master’s |  | Doctoral |  |

1. **Category (*place an “X” in the appropriate box*):**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Certificate |  | Specialization |  | Minor |  | Major |  |

1. **Primary Aspects of the Modification (*add lines or adjust cell size as needed*):**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Existing Curriculum* | | | *Proposed Curriculum (highlight changes)* | | | | | | | |
| **Pref.** | **Num.** | **Title** | **Cr.**  **Hrs.** |  | **Pref.** | **Num.** | **Title** | | | **Cr. Hrs.** |
| **Core Courses** | | | **18** |  | **Core Courses** | | | | | **18** |
| **Required INFS courses** | | | **6** |  | **Required INFS courses** | | | | | **6** |
| Electives are divided into ~~three~~ tracks that students may follow, these include Information Systems, Healthcare Analytics, and General. ~~Within the General Track students may elect to take two general elective classes with the consent of their advisor from the areas of INFS, CSC, HIMS and BADM.~~ | | | **6** |  | Electives are divided into **fou**r tracks that students may follow, these include **Healthcare Analytics Information Systems, Business, and General.** | | | | | **6** |
|  | | |  |  |  | | | | |  |
| **Healthcare Analytics (select two courses)** | | | |  | **Healthcare Analytics (select two courses)** | | | | | |
| HIMS | 701 | Foundations in Healthcare Information | 3 |  | HIMS | 701 | Foundations in Healthcare Information | | | 3 |
| HIMS | 742 | Healthcare Informatics, Information Systems and Technology | 3 |  | HIMS | 742 | Healthcare Informatics, Information Systems and Technology | | | 3 |
| HIMS | 744 | Data Analytics in Healthcare | 3 |  | HIMS | 744 | Data Analytics in Healthcare | | | 3 |
| HIMS | 746 | Health Information Lifecycle Governance | 3 |  | HIMS | 746 | Health Information Lifecycle Governance | | | 3 |
|  |  |  |  |  |  |  |  | | |  |
| **Information Systems (select two courses)** | | | |  | **Information Systems (select two courses)** | | | | | |
| INFS | 720 | System Analysis and Design Using Case Tools | 3 |  | INFS | 720 | System Analysis and Design Using Case Tools | | 3 | |
| INFS | 724 | Project and Change Management | 3 |  | INFS | 724 | Project and Change Management | 3 | | |
| INFS | 764 | Information Retrieval | 3 |  | INFS | 764 | Information Retrieval | 3 | | |
| INFS | 766 | Advanced Database | 3 |  | INFS | 766 | Advanced Database | 3 | | |
|  |  |  |  |  | **INFS** | **776** | **Business Intelligence and Visualization** | **3** | | |
|  |  |  |  |  |  |  |  |  | | |
| **~~General (select two classes)~~**  **~~With the consent of advisor students can choose two elective courses (6 credits hours) from the INFS, CSC, HIMS, and BADM disciplines outside of the list of courses below. Please see appropriate program for rotation of classes and descriptions.~~** | | | |  | **Business (select two classes)** | | | | | |
| BADM | 712 | Advanced Business Finance | 3 |  | BADM | 712 | Advanced Business Finance | | | 3 |
| BADM | 729 | Business Analysis for Managerial Decisions | 3 |  | BADM | 729 | Business Analysis for Managerial Decisions | | | 3 |
| ECON | 730 | Economics for Decision Making | 3 |  | ECON | 730 | Economics for Decision Making | | | 3 |
| BADM | 755 | Organizational Behavior and Human Resources Management Process | 3 |  | BADM | 755 | Organizational Behavior and Human Resources Management Process | | | 3 |
| ~~CSC~~ | ~~710~~ | ~~Structure and Design Programming Language~~ | ~~3~~ |  |  |  |  | | |  |
|  |  |  |  |  | **BADM** | **775** | **Strategic Marketing** | | | **3** |
|  |  |  |  |  |  |  |  | | |  |
|  | | | |  | **General (select two classes)** | | | | | |
|  | | | |  | **With the consent of advisor students can choose two elective courses from the INFS, ECON, HIMS, and BADM disciplines.** | | | | | **6** |
| Total Hours Required | | | 30 |  | Total Hours Required | | | | | 30 |

1. **Explanation of the Change:**

The MSA program has six (6) elective credits required in the program’s 30-credit total. Elective choices have been categorized into four tracks with two courses per area. Students may choose two (2) elective courses from one of the specific tracks to increase their knowledge and expertise in a focused area or they may select two (2) elective courses from INFS, CSC, HIMS, and BADM discipline with advisor consent in a general track to meet the 6-credit elective requirement.

A track is a concentration within a major; it is not a separate program. A catalog may describe a track but not detail it as a specific plan of study. Transcripts do not specify tracks.