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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:** | **M.S. in Information Systems** |
| **CIP CODE:** | 11.0401 |
| **UNIVERSITY DEPARTMENT:** | **College of Business & 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.*

|  |  |  |
| --- | --- | --- |
| C:\Users\slaughts\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Dr. McKay Signature.jpg |  | 2/13/2018 |
| 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:** Fall 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*):**
2. **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 and Information Integration Course** | | | **21** |  | **Core Courses and Information Integration Course** | | | | **21** |
| **Select one specialization from the following:** | | | **9** |  | **Select one specialization from the following:** | | | | **9** |
| **Application Development** | | | |  | **Application Development** | | | | |
| INFS | 732 | Emerging Technologies and Issues | 3 |  | INFS | | 732 | Emerging Technologies and Issues | 3 |
| INFS | 734 | Multi-tiered and Service-Oriented Architectures | 3 |  | INFS | | 734 | Multi-tiered and Service-Oriented Architectures | 3 |
| INFS | 736 | Technology for Mobile Devices | 3 |  | INFS | | 736 | Technology for Mobile Devices | 3 |
|  |  |  |  |  |  | |  |  |  |
| **Data Management** | | | |  | **Data Management** | | | | |
| INFS | 762 | Data Warehousing and Data Mining | 3 |  | INFS | | 762 | Data Warehousing and Data Mining | 3 |
| INFS | 764 | Information Retrieval | 3 |  | INFS | | 764 | Information Retrieval | 3 |
| INFS | 766 | Advanced Database | 3 |  | INFS | | 766 | Advanced Database | 3 |
|  | | | |  |  | | | | |
| **Network Administration & Security** | | | |  | **Network Administration & Security** | | | | |
| INFS | 752 | Advanced Network Technology and Management | 3 |  | INFS | | 752 | Advanced Network Technology and Management | 3 |
| INFS | 754 | Network Security/Intrusion Detection | 3 |  | INFS | | 754 | Network Security/Intrusion Detection | 3 |
| INFS | 756 | Cloud Computing and Network Services | 3 |  | INFS | | 756 | Cloud Computing and Network Services | 3 |
|  | | | |  |  | | | | |
| **Healthcare Information Systems** | | | |  | **Healthcare Information Systems** | | | | |
| 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 |
|  |  |  |  |  | **And one course from the following:** | | | | **3** |
|  |  |  |  |  | **HIMS** | | **744** | **Data Analytics in Healthcare** |  |
|  |  |  |  |  | **HIMS** | | **746** | **Health Information Lifecycle Governance** |  |
| HIMS | 744 | Data Analytics in Healthcare | 3 |  | HIMS | | 747 | Leadership and Management for Health Informatics |  |
|  |  |  |  |  | **HIMS** | | **758** | **Workflow and Usability Optimization in Health Informatics** |  |
|  | | | |  |  | | | | |
| **General** | | | |  | **General** | | | | |
| Students select one course from the Application Development Specialization, one course from the Network Administration & Security Specialization and one course from the Data Management Specialization to obtain the General Specialization. | | | 9 |  | Students select one course from the Application Development Specialization, one course from the Network Administration & Security Specialization and one course from the Data Management Specialization to obtain the General Specialization. | | | | 9 |
|  |  |  |  |  |  | | | | |
| Total Hours Required | | | 30 |  | Total Hours Required | | | | 30 |

1. **Explanation of the Change:**

This change will offer more choices within the Healthcare Information Systems specialization.