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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.

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| --- | --- |
| **UNIVERSITY:** | DSU |
| **PROGRAM TITLE:** | Master of Science in Information Systems, Healthcare Information Systems Specialization |
| **CIP CODE:** | 11.0401 |
| **UNIVERSITY DEPARTMENT:** | Information Systems |
| **BANNER DEPARTMENT CODE:** | DINFS |
| **UNIVERSITY DIVISION:** | College of Business and Information Systems |
| **BANNER DIVISION CODE:** | DCBIS |

**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.*

|  |  |  |
| --- | --- | --- |
|  |  | 1/25/2022 |
| 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*):**

|  |  |
| --- | --- |
|[x]  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 |[x]  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: 8/1/2022**
2. **Program Degree Level (*place an “X” in the appropriate box*):**

|  |  |  |  |
| --- | --- | --- | --- |
| Associate |[ ]  Bachelor’s |[ ]  Master’s |[x]  Doctoral |[x]

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

|  |  |  |  |
| --- | --- | --- | --- |
| Certificate |[ ]  Specialization |[x]  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.** |
| **Healthcare Information Systems ( 9 Cr)****Specialization**  |  | **Healthcare Information Systems (9 Cr)****Specialization**  |
| HIMS | 701 | Foundations in Healthcare Information | 3 |  | HIMS | 701 | Foundations in Healthcare Information | 3 |
| ~~HIMS~~  | ~~742~~ | ~~Healthcare Informatics, Information Systems and Technology~~ | ~~3~~ |  |  |  |  |  |
|  |  |  |  |  | HIMS | 702 | Foundations in Health Information Classification Systems | 3 |
| **~~Choose one course from the following (3 credits)~~** |  |  |  |  |  |
|  |  | HIMS | 745 | Legal and Ethical Aspects of Health Informatics | 3 |
| ~~HIMS~~ | ~~743~~ | ~~Advanced Topics in Health Informatics and Health Information Management~~ | ~~3~~ |  |  |  |  |  |
| ~~HIMS~~ | ~~744~~ | ~~Data Analytics in Healthcare~~ | ~~3~~ |  |  |  |  |  |
| ~~HIMS~~ | ~~746~~ | ~~Health Information Lifecycle Governance~~ | ~~3~~ |  |  |  |  |  |
| ~~HIMS~~ | ~~747~~ | ~~Leadership and Management for Health Informatics~~ | ~~3~~ |  |  |  |  |  |
| ~~HIMS~~ | ~~758~~ | ~~Workflow and Usability Optimization in Health Informatics~~ |  |  |  |  |  |  |
|  |  | Total Hours Required | 9 |  |  |  | Total Hours Required | 9 |

1. **Explanation of the Change:**

This change impacts only the healthcare information systems specialization. Students in the healthcare information systems track are required to complete two HIMS courses and can currently select one of five courses. Choices are being re-aligned to courses that best fit the MSIS healthcare information systems specialization.

HIMS 702 was added in 2019-20 as a new course. It provides the foundation that MSIS professionals need to understand the basics of medical terminology, anatomy and physiology and disease processes encountered in healthcare settings. MSIS students will be better prepared to understand and analyze the meaning of data in healthcare settings with a basic understanding of these topics.

Students who have US healthcare delivery knowledge or experience can substitute HIMS 701 with HIMS 743 Advanced Topics in Health Informatics and Health Information Management 3 credits to enhance student knowledge and skill in electronic health record classification systems, standard nomenclatures, metadata and semantic representation of data, applications, hardware solutions, and telecommunications.

Students who have had undergraduate or graduate level courses in HIPAA and ethics in healthcare can substitute HIMS 745 Legal and Ethical Aspects of Health Informatics with HIMS 750 Exploration of Population Health Data in Health Informatics 3 credits.