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| Logo  Description automatically generated | **SOUTH DAKOTA BOARD OF REGENTS**  ACADEMIC AFFAIRS FORMS |
| Substantive Program Modification Form |
|  |  |

Use this form to request minor changes in existing programs (majors, minors, certificates, or specializations).

|  |  |
| --- | --- |
| **UNIVERSITY:** | DSU |
| **CURRENT PROGRAM DEGREE:** | **Bachelor of Science** |
| **CURRENT PROGRAM MAJOR/MINOR:** | **Health Informatics & Information Management** |
| **CURRENT SPECIALIZATION** *(If applicable)***:** |  |
| **CIP CODE:** | **510706** |
| **UNIVERSITY DEPARTMENT:** | **Health Informatics & Information Management** |
| **BANNER DEPARTMENT CODE:** | **DHIM** |
| **UNIVERSITY COLLEGE:** | **College of Business and Information Systems** |
| **BANNER COLLEGE CODE:** | **DBIS – 8I** |

**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.*

|  |  |  |
| --- | --- | --- |
| A picture containing text  Description automatically generated |  | 3/9/2023 |
| 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*):**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Total credits required within the discipline |  | Total credits of supportive course work |
|  |  |  |  |
|  | Total credits of elective course work |  | Total credits required for program |
|  |  |  |  |
|  | Program name |  | Existing specialization |
|  |  |  |  |
|  | CIP Code |  | Other (explain below) |

1. **Effective date of change: 8/1/2023**
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. **If a name change is proposed, the change will occur (*place an “X” in the appropriate box*):**

|  |  |
| --- | --- |
|  | On the effective date for all students |

|  |  |
| --- | --- |
|  | On the effective date for students new to the program (enrolled students will graduate from existing program) |
|  |

|  |  |
| --- | --- |
| **Proposed new name:** |  |
|  | *Reminder: Name changes may require updating related articulation agreements, site approvals, etc.* |

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.** |
| System General Education | | | 30 |  | System General Education | | | | 30 |
| Majors must take BIOL 101 or BIOL 151 (and lab) and MATH 114 as part of the System-wide General Education requirements. | | | |  | Majors must take BIOL 106/106L, and either BIOL 101 or BIOL 151, and Math 114 as part of the System-wide General Education requirements. | | | |  |
| Required Core | | | 77 |  | Required Core | | | | 75 |
| BADM  MATH | 220 OR  281 | Business Statistics  Introduction to Statistics | 3 |  | BADM  MATH | | 220 OR  281 | Business Statistics  Introduction to Statistics | 3 |
| ~~BIOL~~ | ~~323 & 323L OR 221 and 221L OR 325 and 325L~~ | ~~Human A&P~~  ~~Human A&P Lab~~  ~~Human Anatomy~~  ~~Human Anatomy Lab~~  ~~Physiology~~  ~~Physiology Lab~~ | ~~4~~  ~~0~~ |  |  | |  |  |  |
| CSC | 105 | Intro to Computers | 3 |  | CSC | | 105 | Intro to Computers | 3 |
| CIS OR  CSC | 123  130  150 | Problem Solving & Prog  Visual Basic Prog  Computer Sc I | 3 |  | CIS OR  CSC | | 123  130  150 | Problem Solving & Prog  Visual Basic Prog  Computer Sc I | 3 |
| CIS | 338 | Project Management | 3 |  | CIS | | 338 | Project Management | 3 |
| CIS | 438 | Advanced Project Management | 3 |  | CIS | | 438 | Advanced Project Management | 3 |
| CIS | 484 | Database Management Systems | 3 |  | CIS | | 484 | Database Management Systems | 3 |
| ~~HIM~~ | ~~101~~ | ~~Health Info Man Profession~~ | ~~1~~ |  |  | |  |  |  |
| HIM | 130 | Basic Medical Terminology | 2 |  | HIM | | 130 | Basic Medical Terminology | 2 |
| HIM | 150 | Intro to HIM | 3 |  | HIM | | 150 | Intro to Digital HIIM | 4 |
| HIM | 169 | Legal Aspects of HIM I | 1 |  | HIM | | 169 | Legal Aspects of HIM I | 1 |
| HIM | 170 | Legal Aspects of HIM II | 2 |  | HIM | | 170 | Legal Aspects of HIM II | 2 |
| HIM | 180 | Fundamentals of Human Disease | 3 |  | HIM | | 180 | Fundamentals of Human Disease | 3 |
| HIM | 225 | Intro to Hlth Info Sys | 3 |  | HIM | | 225 | Intro to Digital Hlth Info Sys | 3 |
| HIM | 240 | ICD Healthcare Coding Sys | 4 |  | HIM | | 240 | ICD Healthcare Coding Sys | 4 |
| HIM | 252 | Basic Foundations Health Data Systems | 2 |  | HIM | | 252 | Health Statistics | 3 |
| HIM | 257 | Mgmt and Supervision of HIM | 2 |  | HIM | | 257 | Mgmt and Supervision of HIM | 2 |
| HIM | 265 | HIM Quality Mgmt | 3 |  | HIM | | 265 | HIM Data Quality & Outcomes | 3 |
| HIM | 285 | Supervised Prof Practice | 2 |  | HIM | | 285 | Supervised Prof Practice | 2 |
| HIM | 360 | Leadership for Health Informatics and Information Management | 4 |  | HIM | | 360 | Leadership for Health Informatics and Information Management | 4 |
| HIM | 362 | Healthcare Proc Coding Sys | 3 |  | HIM | | 362 | Healthcare Proc Coding Sys | 3 |
| HIM | 364 | Revenue Cycle Mgmt | 3 |  | HIM | | 364 | Revenue Cycle Mgmt | 3 |
| HIM | 380 | Digital Health Data Analytics | 4 |  | HIM | | 380 | Digital health Data Analytic | 4 |
| HIM | 386 | Clinical Documentation Integrity | 2 |  | HIM | | 386 | Clinical Documentation Integrity | 2 |
| HIM | 440 | Healthcare Information Governance | 2 |  | HIM | | 440 | Healthcare Information Governance | 3 |
| HIM | 444 | Digital Health Technology | 3 |  | HIM | | 444 | Digital Health Technology | 3 |
| HIM | 450 | Digital Health Informatics& Information Management Research | 3 |  | HIM | | 450 | Digital Health Informatics& Information Management Research | 3 |
| HIM | 485 | Supervised Professional Practice | 2 |  | HIM | | 485 | Supervised Professional Practice | 2 |
| HIM | 488 | HIM Classrooms to HIM Careers | 1 |  | HIM | | 488 | HIM Classrooms to HIM Careers | 1 |
| ELECTIVES | | | 13 |  | ELECTIVES:  Recommend courses from the following programs: HIIM 4+1, Computer Information Systems Minor, Project Management Minor, Project Management Certificate, Cybersecurity Certificate, Data Analytics Certificate, IT Management Certificate, or Technology Database Systems Certificate | | | | 15 |
| Total number of hours required for major, minor, or specialization | | | 77 |  | | Total number of hours required for major, minor, or specialization | | | 75 |
| Total number of hours required for degree | | | 120 |  | | Total number of hours required for degree | | | 120 |

1. **Explanation of the Change:**

Updating program to replace program course BIOL 323 and lab (anatomy and physiology) with SGE BIOL 106 Human Anatomy and Biology and lab 3 credit course, as a required course for BS HIIM program. Using BIOL 106 instead of BIOL 323 with pre-requisites reduces number of major credits, allowing 2 additional elective credits. HIM 180 and 240 course pre/co-requisites are being updated to reflect change to BIOL 106 course.

SGE Goal 6: Recommended course for BS HIIM students is BIOL 101 and lab or BIOL 151 and lab to meet second course requirement.

Deleting HIM 101 and moving DSU resources content to upcoming online orientation course and moving HIM career content to existing HIM 150 (3 credits to 4 credits).

Adding one credit to HIM 252 to ensure adequate amount of math statistics is included to prepare students for data analytics. This course covers basic healthcare statistics for half of the course and descriptive and inferential statistics for half of the course. A second math statistics book has been added into the course content to increase student preparation for data analytics.

Expanding HIM 440 to 3 credits to reflect expanded content in management of data architecture, metadata, master data, enterprise and content management, and data security management and artificial intelligence.

Electives: Recommend courses from the following programs-- HIIM 4+1, Computer Information Systems Minor, Project Management Minor, Cybersecurity Certificate, Data Analytics Certificate, IT Management Certificate, or Technology Database Systems Certificate