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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:** | **MS in Information Systems, Information Systems Cyber Security Specialization** |
| **CIP CODE:** | **11.0401** |
| **UNIVERSITY DEPARTMENT:** | **College of Business & Information Systems** |
| **UNIVERSITY DIVISION:** | **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.*

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| --- | --- | --- |
|  |  | 9/16/2021 |
| 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: 1/10/2022**
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.** |
| Take a 700 graduate-level three credit course and successfully pass the comprehensive examination. The course must be in the College of Business and Information Systems or Beacom College of Computer and Cyber Sciences and must be equivalent to three credit hours. The course cannot be a required course in the plan of study or in the chosen specialization track. For a list of courses please review the rotations and course summary for the MSIS and MSIA programs. The comprehensive exam covers the MSIS core. Students completing the additional three credit course option must successfully pass the comprehensive exam. | | | **3** |  | Take a 700 **or 800 level t**hree credit course and successfully pass the comprehensive examination. The course must be in the College of Business and Information Systems or Beacom College of Computer and Cyber Sciences and must be equivalent to three credit hours. The course cannot be a required course in the plan of study or in the chosen specialization track. **For a list of courses please review the rotations and course summary in each graduate program in those colleges. T**he comprehensive exam covers the MSIS core. Students completing the additional three credit course option must successfully pass the comprehensive exam. | | | **3** |
|  |  |  |  |  |  |  |  |  |
| **Information Systems Cyber Security Specialization** | | | **9** |  | **Information Systems Cyber Security Specialization** | | | **9** |
| INFA | 701 | Principles of Information Assurance | 3 |  | Choose 3 courses from the list of MSCD program required core courses:  (9 credits) | | | 9 |
| INFA | 713 | Managing Security Risk | 3 |  | INFA | 701 | Principles of Information Assurance | 3 |
| And one course from the following: | | | 3 |  | INFA | 713 | Managing Security Risks | 3 |
| INFA | 702 | Data Privacy | 3 |  | INFA | 720 | Incident Response | 3 |
| INFA | 742 | Ethics and Information Technology | 3 |  | INFA | 721 | Computer Forensics | 3 |
| INFA | 745 | Compliance and Audit | 3 |  | INFA | 723 | Cryptography | 3 |
|  |  |  |  |  | INFA | 735 | Offensive Security | 3 |
|  |  |  |  |  | INFA | 751 | Wireless Security | 3 |
|  |  |  |  |  | INFA | 754 | Intrusion Detection | 3 |
|  |  | Total Hours Required | 9 |  |  |  | Total Hours Required | 9 |

1. **Explanation of the Change:**

The first change allows the student to choose Option B course from all 700 and 800 level courses rather than limiting them to only 700 level courses.

The Information Systems Cyber Security Specialization required core courses are essential components of a program and offered regularly. Using required core courses for a specialization gives students better chance to complete the program as planned. This change also provides flexibility and easier transition between MSIS and MSCD programs.