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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:** | **BS in Network & Security Administration** |
| **CIP CODE:** | 11.1002 |
| **UNIVERSITY DEPARTMENT:** | **Beacom College of Computer & Cyber Sciences** |
| **UNIVERSITY DIVISION:** | **Beacom College of Computer & Cyber Sciences** |

**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.*

|  |  |  |
| --- | --- | --- |
|  |  | 2/24/2021 |
| 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:** Fall 2021
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.** |
|  |  |  |  |  |  | |  |  |  |
| General Education | | | 30 |  | General Education | | | | 30 |
| \*Majors who test directly into MATH 281 will not need to complete MATH 102, but must take 3 credits of general electives. | | |  |  | \*Majors who test directly into MATH 281 will not need to complete MATH 102, but must take 3 credits of general electives. | | | |  |
|  | | |  |  |  | | | |  |
|  |  |  |  |  |  | |  |  |  |
| Required Courses | | | 74 |  | Required Courses | | | | 74 |
| ~~CIS~~ | ~~275~~ | ~~Web Programming I~~ | ~~3~~ |  |  | |  |  |  |
| ~~CIS~~ | ~~375~~ | ~~Web Programming II~~ | ~~3~~ |  |  | |  |  |  |
|  |  |  |  |  | CSC | | 334 | Web Development | 3 |
|  |  |  |  |  | CSC | | 439 | Threat Hunting & IR | 3 |
| CIS | 484 | Database | 3 |  | CIS | | 484 | Database | 3 |
| CSC | 105 | Intro to Computers | 3 |  | CSC | | 105 | Intro to Computers | 3 |
| CSC  CSC | 134  145 | Intro to Cyber Operation  OR  Information Security Fund. | 3 |  | CSC  CSC | | 134  145 | Intro to Cyber Operation  OR  Information Security Fund. | 3 |
| CSC | 150 | Computer Science I | 3 |  | CSC | | 150 | Computer Science I | 3 |
| CSC | 234 | Software Security | 3 |  | CSC | | 234 | Software Security | 3 |
| CSC | 250 | Computer Science II | 3 |  | CSC | | 250 | Computer Science II | 3 |
| CSC | 321 | Information Security Mgmt | 3 |  | CSC | | 321 | Information Security Mgmt | 3 |
| CSC | 328 | Operating Env | 3 |  | CSC | | 328 | Operating Env | 3 |
| CSC | 163 | HW, Virt, Data Comm | 3 |  | CSC | | 163 | HW, Virt, Data Comm | 3 |
| CSC | 285 | Networking I | 3 |  | CSC | | 285 | Networking I | 3 |
| CSC | 385 | Networking II | 3 |  | CSC | | 385 | Networking II | 3 |
| CSC | 387 | Routing & Switching | 5 |  | CSC | | 387 | Routing & Switching | 5 |
| CSC | 388 | Computer Forensics Fund | 3 |  | CSC | | 388 | Computer Forensics Fund | 3 |
| CSC | 407 | Adv. Routing & Switching | 3 |  | CSC | | 407 | Adv. Routing & Switching | 3 |
| CSC | 430 | Windows Admin | 3 |  | CSC | | 430 | Windows Admin | 3 |
| CSC | 431 | UNIX/Linux Admin | 3 |  | CSC | | 431 | UNIX/Linux Admin | 3 |
| CSC | 436 | Offensive network Security | 3 |  | CSC | | 436 | Offensive network Security | 3 |
| CSC | 437 | Survey of Enterprise Systems | 3 |  | CSC | | 437 | Survey of Enterprise Systems | 3 |
| CSC | 438 | Defensive Net Sec | 3 |  | CSC | | 438 | Defensive Net Sec | 3 |
| CSC | 443 | Scripting for Net Admin | 3 |  | CSC | | 443 | Scripting for Net Admin | 3 |
| CSC  CSC | 494  498 | Internship  OR Undergraduate Research | 3 |  | CSC  CSC | | 494  498 | Internship  OR Undergraduate Research | 3 |
| Math | 281 | Introduction to Statistics | 3 |  | Math | | 281 | Introduction to Statistics | 3 |
|  |  |  |  |  |  | |  |  |  |
| Electives | | | 16 |  | Electives | | | | 16 |
|  |  |  |  |  |  | |  |  |  |
| Total number of hours required for major, minor, or specialization | | | 74 |  | | Total number of hours required for major, minor, or specialization | | | 74 |
| Total number of hours required for degree | | | 120 |  | | Total number of hours required for degree | | | 120 |

1. **Explanation of the Change:**

The Network & Security Administration program requirement are updated to reflect two changes at the course level. Students will now have the choice between CSC 145 (previously CSC 245) and the newly created CSC 134 course. CSC 321 is the updated number for CIS 321.