SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS

Substantive Program Modification Program

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

UNIVERSITY:	DSU
CURRENT PROGRAM TITLE:	**BS in Network & Security Administration**
CIP CODE:	
UNIVERSITY DEPARTMENT:	**College of Computing**
UNIVERSITY DIVISION:	**College of Computing**

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.

Click here to enter a
date.

_____   _____
Vice President of Academic Affairs or   Date
President of the University

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)

2. **Effective date of change: Fall 2017**

3. **Program Degree Level** (*place an "X" in the appropriate box*)**:**

    Associate ☐   Bachelor's ☒   Master's ☐   Doctoral ☐

4. **Category** (*place an "X" in the appropriate box*)**:**

    Certificate ☐   Specialization ☐   Minor ☐   Major ☒

5. **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.

6. Primary Aspects of the Modification (*add lines or adjust cell size as needed*):

<table>
<tr><td colspan="4" align="center">*Existing Curriculum*</td><td colspan="4" align="center">*Proposed Curriculum (<mark>highlight changes</mark>)*</td></tr>
<tr><td>**Pref.**</td><td>**Num.**</td><td>**Title**</td><td>**Cr. Hrs.**</td><td>**Pref.**</td><td>**Num.**</td><td>**Title**</td><td>**Cr. Hrs.**</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="3">General Education</td><td>30</td><td colspan="3">General Education</td><td>30</td></tr>
<tr><td></td><td></td><td></td><td></td><td colspan="3">***Majors who test directly into MATH 281 will not need to complete MATH 102, but must take 3 credits of general electives.**</td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="3">~~DSU IGR~~</td><td>~~11~~</td><td></td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="3">Required Courses</td><td>68</td><td colspan="3">Required Courses</td><td>**74**</td></tr>
<tr><td>CIS</td><td>275</td><td>Web Programming I</td><td>3</td><td>CIS</td><td>275</td><td>Web Programming I</td><td>3</td></tr>
<tr><td>CIS</td><td>321</td><td>Information Security Mgmt</td><td>3</td><td>CIS</td><td>321</td><td>Information Security Mgmt</td><td>3</td></tr>
<tr><td>CIS</td><td>375</td><td>Web Programming II</td><td>3</td><td>CIS</td><td>375</td><td>Web Programming II</td><td>3</td></tr>
<tr><td>CIS</td><td>383</td><td>Networking I</td><td>3</td><td>CIS</td><td>383</td><td>Networking I</td><td>3</td></tr>
<tr><td>CIS</td><td>385</td><td>Networking II</td><td>3</td><td>CIS</td><td>385</td><td>Networking II</td><td>3</td></tr>
<tr><td>CIS</td><td>387</td><td>Routing & Switching</td><td>5</td><td>CIS</td><td>387</td><td>Routing & Switching</td><td>5</td></tr>
<tr><td>CIS</td><td>407</td><td>Adv. Routing & Switching</td><td>3</td><td>CIS</td><td>407</td><td>Adv. Routing & Switching</td><td>3</td></tr>
<tr><td>CIS</td><td>460</td><td>Windows Admin</td><td>3</td><td>CIS</td><td>460</td><td>Windows Admin</td><td>3</td></tr>
<tr><td>CIS</td><td>462</td><td>Linux Admin</td><td>3</td><td>CIS</td><td>462</td><td>Linux Admin</td><td>3</td></tr>
<tr><td>CIS</td><td>466</td><td>Survey of Network Admin</td><td>3</td><td>CIS</td><td>466</td><td>Survey of Network Admin</td><td>3</td></tr>
<tr><td>CIS</td><td>468</td><td>Scripting for Net Admin</td><td>3</td><td>CIS</td><td>468</td><td>Scripting for Net Admin</td><td>3</td></tr>
<tr><td>CIS</td><td>484</td><td>Database</td><td>3</td><td>CIS</td><td>484</td><td>Database</td><td>3</td></tr>
<tr><td></td><td></td><td></td><td></td><td>**CSC**</td><td>**105**</td><td>**Intro to Computers**</td><td>**3**</td></tr>
<tr><td></td><td></td><td></td><td></td><td>**CSC**</td><td>**150**</td><td>**Computer Science I**</td><td>**3**</td></tr>
<tr><td></td><td></td><td></td><td></td><td>**CSC**</td><td>**234**</td><td>**Software Security**</td><td>**3**</td></tr>
<tr><td>CSC</td><td>245</td><td>Info Sec Fund</td><td>3</td><td>CSC</td><td>245</td><td>Info Sec Fund</td><td>3</td></tr>
<tr><td>CSC</td><td>250</td><td>Computer Science II</td><td>3</td><td>CSC</td><td>250</td><td>Computer Science II</td><td>3</td></tr>
<tr><td>CSC</td><td>328</td><td>Operating Env</td><td>3</td><td>CSC</td><td>328</td><td>Operating Env</td><td>3</td></tr>
<tr><td>CSC</td><td>363</td><td>HW, Virt, Data Comm</td><td>3</td><td>CSC</td><td>363</td><td>HW, Virt, Data Comm</td><td>3</td></tr>
<tr><td>CSC</td><td>388</td><td>Computer Forensics Fund</td><td>3</td><td>CSC</td><td>388</td><td>Computer Forensics Fund</td><td>3</td></tr>
<tr><td>~~CSC~~</td><td>~~434~~</td><td>~~Web Software Security~~</td><td>~~3~~</td><td></td><td></td><td></td><td></td></tr>
<tr><td>CSC</td><td>436</td><td>Offensive network Security</td><td>3</td><td>CSC</td><td>436</td><td>Offensive network Security</td><td>3</td></tr>
<tr><td>CSC</td><td>438</td><td>Defensive Net Sec</td><td>3</td><td>CSC</td><td>438</td><td>Defensive Net Sec</td><td>3</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>CSC
CSC</td><td>494
498
Or</td><td>Internship
OR
Undergraduate Research</td><td>3</td><td>CSC
CSC</td><td>494
498
Or</td><td>Internship
OR
Undergraduate Research</td><td>3</td></tr>
<tr><td>MATH</td><td>281</td><td>Introduction to Statistics</td><td>3</td><td>MATH</td><td>281</td><td>Introduction to Statistics</td><td>3</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="3">Electives</td><td>~~11~~</td><td colspan="3">Electives</td><td>**16**</td></tr>
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Total number of hours required for major, minor, or specialization	68	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

7. Explanation of the Change:

This proposal reflects the removal of DSU's Institutional Graduation Requirements. CSC 105 and CSC 150 are being added to the required course list and electives increase by 5 credits. CSC 434 content is adjusted to reduce overlap with other courses and is being moved to a sophomore-level course (CSC 234) to provide foundation.