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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:** | **Computer Information Systems** |
| **CIP CODE:** | **11.0401** |
| **UNIVERSITY DEPARTMENT:** | **College of Business & Info Systems** |
| **UNIVERSITY DIVISION:** | **Information Systems** |

**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.*

|  |  |  |
| --- | --- | --- |
|  |  | 4/7/2020 |
| 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: 5/11/2020**
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.** |
| ACCT | 210 | Principles of Accounting I | 3 |  | | ACCT | 210 | Principles of Accounting I | 3 |
| BADM | 220 | Business Statistics | 3 |  | | BADM | 220 | Business Statistics | 3 |
| BADM | 344 | Managerial Communications | 3 |  | | BADM | 344 | Managerial Communications | 3 |
| BADM | 350 | Legal Environment of Business | 3 |  | | BADM | 350 | Legal Environment of Business | 3 |
| BADM | 360 | Organization and Management | 3 |  | | BADM | 360 | Organization and Management | 3 |
| BADM | 370 | Marketing | 3 |  | | BADM | 370 | Marketing | 3 |
| CIS | 251 | Business Applications Programming | 3 |  | | CIS | 251 | Business Applications Programming | 3 |
| CIS | 325 | Management Information Systems | 3 |  | | CIS | 325 | Management Information Systems | 3 |
| CIS | 332 | Structured Systems Analysis and Design | 3 |  | | CIS | 332 | Structured Systems Analysis and Design | 3 |
| CIS | 338 | Project Management | 3 |  | | CIS | 338 | Project Management | 3 |
| CIS | 427 | Information Systems Planning and Management | 3 |  | | CIS | 427 | Information Systems Planning and Management | 3 |
| CIS | 484 | Database Management Systems | 3 |  | | CIS | 484 | Database Management Systems | 3 |
| CSC | 105 | Introduction to Computers | 3 |  | | CSC | 105 | Introduction to Computers | 3 |
| CSC | 145 | Information Security Fundamentals | 3 |  | | CSC | 145 | Information Security Fundamentals | 3 |
| CSC | 150 | Computer Science I | 3 |  | | CSC | 150 | Computer Science I | 3 |
| CSC | 163 | Hardware, Virtualization, and Data Communication | 3 |  | | CSC | 163 | Hardware, Virtualization, and Data Communication | 3 |
| CSC | 285 | Networking I | 3 |  | | CSC | 285 | Networking I | 3 |
| ECON | 201 | Principles of Microeconomics | 3 |  | | ECON | 201 | Principles of Microeconomics | 3 |
|  |  |  |  |  | |  |  |  |  |
| Choose 3 credits | |  | 3 |  | | Choose 3 credits | |  | 3 |
| CIS | 206 | Advanced Applications: |  |  | | CIS | 206 | Advanced Applications: |  |
| CIS | 207 | Advanced Applications: Spreadsheets |  |  | | CIS | 207 | Advanced Applications: Spreadsheets |  |
| CIS | 208 | Advanced Applications: Database |  |  | | CIS | 208 | Advanced Applications: Database |  |
| CIS | 210 | QuickBooks I |  |  | | CIS | 210 | QuickBooks I |  |
|  |  |  |  |  | |  |  |  |  |
| Choose 9 credits | |  | 9 |  | | Choose 9 credits | |  | 9 |
| ACCT | 211 | Principles of Accounting II |  |  | | ACCT | 211 | Principles of Accounting II |  |
| BADM | 310 | Business Finance |  |  | | BADM | 310 | Business Finance |  |
| BADM | 321 | Business Statistics II |  |  | | BADM | 321 | Business Statistics II |  |
|  |  |  |  |  | | BADM | 331 | Financial Analytics |  |
| BADM | 425 | Productions and Operations Management |  |  | |  |  |  |  |
| BADM | 435 | Management Technology and Innovation |  |  | | BADM | 425 | Productions and Operations Management |  |
| BADM | 460 | Human Resource Management |  |  | | BADM | 435 | Management Technology and Innovation |  |
| BADM | 472 | Marketing Technology |  |  | | BADM | 460 | Human Resource Management |  |
| CIS | 275 | Web Application Programming I |  |  | | BADM | 472 | Marketing Technology |  |
| CIS | 330 | COBOL I |  |  | | CIS | 275 | Web Application Programming I |  |
| CIS | 340 | Java Programming |  |  | | CIS | 330 | COBOL I |  |
| CIS | 368 | Predictive Analytics |  |  | | CIS | 340 | Java Programming |  |
| CIS | 372 | Programming for Analytics |  |  | | CIS | 368 | Predictive Analytics |  |
| CIS | 375 | Web Application Programming II |  |  | | CIS | 372 | Programming for Analytics |  |
| CIS | 384 | Decision Support Systems |  |  | | CIS | 375 | Web Application Programming II |  |
| CIS | 424 | Software Development with Agile Methodologies |  |  | | CIS | 384 | Decision Support Systems |  |
| CIS | 438 | Advanced Project Management |  |  | | CIS | 424 | Software Development with Agile Methodologies |  |
| CIS | 474 | Business Intelligence and Big Data |  |  | | CIS | 438 | Advanced Project Management |  |
| CIS | 476 | Web Development Environments |  |  | | CIS | 474 | Business Intelligence and Big Data |  |
| CIS | 487 | Database Programming |  |  | | CIS | 476 | Web Development Environments |  |
| CIS | 494 | Internship |  |  | | CIS | 487 | Database Programming |  |
| CIS | 498 | UG Research/Scholarship |  |  | | CIS | 494 | Internship |  |
| CSC | 234 | Software Security |  |  | | CIS | 498 | UG Research/Scholarship |  |
| CSC | 250 | Computer Science II |  |  | | CSC | 234 | Software Security |  |
| CSC | 260 | Object Oriented Design |  |  | | CSC | 250 | Computer Science II |  |
| CSC | 328 | Operating Environments |  |  | | CSC | 260 | Object Oriented Design |  |
| CSC | 385 | Networking II |  |  | | CSC | 328 | Operating Environments |  |
| CSC | 430 | Windows Administration |  |  | | CSC | 385 | Networking II |  |
| CSC | 431 | UNIX/Linux Administration |  |  | | CSC | 430 | Windows Administration |  |
| CSC | 451 | Mobile Development Env |  |  | | CSC | 431 | UNIX/Linux Administration |  |
| ECON | 202 | Principles of Macroeconomics |  |  | | CSC | 451 | Mobile Development Env |  |
| MATH | 201 | Introduction to Discrete Math |  |  | | ECON | 202 | Principles of Macroeconomics |  |
|  |  |  |  |  | | MATH | 201 | Introduction to Discrete Math |  |
|  |  |  |  |  | |  |  |  |  |
| Choose Specialization | | | 18 |  | | Choose Specialization | | | 18 |
| Electives | | | 6 |  | | Electives | | | 6 |
| General Education | | | 30 |  | | General Education | | | 30 |
| Total Hours Required | | | 120 |  | | Total Hours Required | | | 120 |

1. **Explanation of the Change:**

BADM 331 is being added to the choose from list and is appropriate for CIS students.