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|  | **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:** | **Master of Science in Business (MBA)** |
| **CURRENT PROGRAM MAJOR/MINOR:** | **General Management** |
| **CURRENT SPECIALIZATION** *(If applicable)***:** |  |
| **CIP CODE:** | **52.0201** |
| **UNIVERSITY DEPARTMENT:** | **Business** |
| **BANNER DEPARTMENT CODE:** | **DBUS** |
| **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 |  | 4/2/2024 |
| 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*):**

|  |  |
| --- | --- |
|[x]  Total credits required within the discipline |[x]  Total credits of supportive course work |
|  |  |  |  |
|[ ]  Total credits of elective course work |[ ]  Total credits required for program |
|  |  |  |  |
|[ ]  Program name |[ ]  Existing specialization |
|  |  |  |  |
|[ ]  CIP Code |[x]  Other (explain below) |
|[x]  Modification requiring Board of Regents approval *Must have prior approval from Executive Director or designee* |

1. **Effective date of change: 5/13/2024**
2. **Program Degree Level (*place an “X” in the appropriate box*):**

|  |  |  |  |
| --- | --- | --- | --- |
| Associate |[ ]  Bachelor’s |[ ]  Master’s |[x]  Doctoral |[ ]

1. **Category (*place an “X” in the appropriate box*):**

|  |  |  |  |
| --- | --- | --- | --- |
| Certificate |[ ]  Specialization |[ ]  Minor |[ ]  Major |[x]

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. **Is the program being modified associated with a current articulation agreement?**

|  |  |
| --- | --- |
| Yes |[ ]  No |[x]

* 1. **If yes, will the articulation agreement need to be updated with the partner institution following the approval of the program change? Please explain:**
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** |
|  |  |  |  |  |
| **MBA Core** | 27 |  | **MBA Core** | 21 |
| ACCT | 725 | Accounting for Managers | 3 |  | ACCT | 725 | Accounting for Managers | 3 |
| BADM | 712 | Adv. Business Finance | 3 |  | BADM | 712 | Corporate Finance and Technology | 3 |
| ~~BADM~~ | ~~729~~ | ~~Business Analysis for Managerial Decisions~~ | ~~3~~ |  |  |  |  |  |
| BADM | 750 | Legal and Ethical Environment of Business | 3 |  | BADM | 750 | Ethics and the Legal Environment of Business Technology and AI | 3 |
| BADM | 755 | Organizational Behavior and Human Resources Mgmt. | 3 |  | BADM | 755 | Organizational Behavior and Human Resources Mgmt. | 3 |
| BADM | 765 | Management and Leadership | 3 |  | BADM | 765 | Management and Leadership in Evolving Environments | 3 |
| ~~BADM~~ | ~~768~~ | ~~International Management~~ | ~~3~~ |  |  |  |  |  |
| BADM | 775 | Strategic Marketing | 3 |  | BADM | 775 | Strategic Marketing and Technology | 3 |
| ECON | 730 | Economics for Decision Making | 3 |  | ECON | 730 | Managerial Economics using Analytical Technology Tools | 3 |
|  |  |  |  |  |  |  |  |  |
| **Electives or Emphasis Courses** | **6** |  | **Electives or Emphasis Courses** | **6** |
| Select one of the following Emphasis areas or 6 credits from the list as general electives. |  | Select one of the following Emphasis areas or 6 credits from the list as general electives. |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | **Artificial Intelligence Emphasis** | **6** |
|  |  |  |  |  | INFS | 776 | Business Intelligence & Visualization | 3 |
|  |  |  |  |  | INFS | 784 | Artificial Intelligence Applications | 3 |
|  |  |  |  |  |  |  |  |  |
| **Analytics Emphasis** | **6** |  | **Analytics Emphasis** | **6** |
| Choose 6 credits from the following: |  |  | Choose 6 credits from the following: |  |
| INFS | 768 | Predictive Analytics for Decision Making  | 3 |  | INFS | 768 | Predictive Analytics for Decision Making  | 3 |
| INFS | 776 | Business Intelligence and Visualization | 3 |  | INFS | 776 | Business Intelligence and Visualization | 3 |
| INFS | 782 | Marketing Analytics | 3 |  | INFS | 782 | Marketing Analytics | 3 |
|  |  |  |  |  |  |  |  |  |
| **Healthcare Informatics Emphasis** | **6** |  | **Healthcare Informatics Emphasis** | **6** |
| Choose 6 credits from the following: |  |  | Choose 6 credits from the following: |  |
| HIMS | 701 | Foundations in Healthcare Information | 3 |  | HIMS | 701 | Foundations in Healthcare Information | 3 |
| HIMS | 742 | Healthcare Informatics, Info Systems & Tech | 3 |  | HIMS | 742 | Healthcare Informatics, Info Systems & Tech | 3 |
| HIMS | 743 | Informatics as a Foundation for Clinical Practice | 3 |  | HIMS | 743 | Informatics as a Foundation for Clinical Practice | 3 |
|  |  |  |  |  |  |  |  |  |
| **Information Systems Emphasis** | **6** |  | **Information Systems Emphasis** | **6** |
| INFS | 601 | Information Systems | 3 |  | INFS | 601 | Information Systems | 3 |
| INFS | 724 | Project and Change Management | 3 |  | INFS | 724 | Project and Change Management | 3 |
|  |  |  |  |  |  |  |  |  |
| **Supply Chain Management Emphasis** | **6** |  | **Supply Chain Management Emphasis** | **6** |
| BADM | 730 | Supply Chain Management | 3 |  | BADM | 730 | Supply Chain Management | 3 |
| BADM | 732 | Supply Chain Analytics | 3 |  | BADM | 732 | Supply Chain Analytics | 3 |
|  |  |  |  |  |  |  |  |  |
| **Sports Leadership Emphasis** | **6** |  | **Sports Leadership Emphasis** | **6** |
| GAME | 576 | Fan Experience, Sportstainment and Brand Mgmt. | 3 |  | GAME | 576 | Fan Experience, Sportstainment and Brand Mgmt. | 3 |
| GAME | 587 | Family, Risk and Event Mgmt. in Sports | 3 |  | GAME | 587 | Family, Risk and Event Mgmt. in Sports | 3 |
|  |  |  |  |  |  |  |  |  |
| **Capstone Courses** | **3** |  | **Capstone Courses** | **3** |
| BADM | 782 | Strategic Management & Decision Making | 3 |  | BADM | 782 | Strategic Management & Decision Making | 3 |
| Total number of hours required for degree | 36 |  | Total number of hours required for degree | 30 |

1. **Explanation of the Change:**

The modifications addressed by this curriculum proposal are designed to accomplish several goals. They are listed below.

1) **Move the DSU MBA program towards a comprehensive program that concentrates on the integration of analytics and technology, with special emphasis on the emerging field of applied artificial intelligence.** This includes course name and course description changes that make it clear that technology tools, software packages for advanced business analytics, and the latest applications of artificial intelligence capabilities will be included in the courses. This also aligns the program with DSU’s mission to integrate technology teaching tools across the curriculum. An emphasis in analytics and technology is also predicted to produce enrollment gains in future years.

2) **Reduce the total number of credits from 36 to 30.** Two courses will be removed from the MBA core courses, reducing the total size of the core from nine to seven courses. Some topics taught in BADM 729 Business Analysis for Managerial Decisions will be integrated into ECON 730 Managerial Economics Using Analytical Technology Tools. Global concepts required by ACBSP will be integrated into BADM 775 Strategic Marketing and Technology and BADM 765 Management and Leadership in Evolving Environments. This increases the program’s focus on analytics and technology, while continuing to include important elements of Business Analysis in the revised program.

3) **Add an Artificial Intelligence Emphasis to allow the MBA student to gain a fundamental understanding of the field and the potential applications of artificial intelligence to improve business functional areas.** A related goal is for the MBA student to gain an appreciation of the strengths and weaknesses of artificial intelligence services in business. Leading MBA programs across the country are also making modifications to their programs to better integrate topics in artificial intelligence into their programs. It is clear that this option will be in demand as the emerging applications of artificial intelligence continue to develop and mature.