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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:** | **Bachelor of Science** |
| **CURRENT PROGRAM MAJOR/MINOR:** | **Exercise Science** |
| **CURRENT SPECIALIZATION** *(If applicable)***:** |  |
| **CIP CODE:** | **310505** |
| **UNIVERSITY DEPARTMENT:** | **Health & Physical Education** |
| **BANNER DEPARTMENT CODE:** | **DHPE** |
| **UNIVERSITY COLLEGE:** | **College of Education** |
| **BANNER COLLEGE CODE:** | **DED – 8E** |

**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 |  | 11/28/2023 |
| 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*):**

|  |  |  |  |
| --- | --- | --- | --- |
|  | 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) |
|  | 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 |  | Doctoral |  |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Certificate |  | Specialization |  | Minor |  | Major |  |

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 |  |

* 1. **If yes, will the articulation agreement need to be updated with the partner institution following the approve 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.** |
| **System Wide General Education Requirement** | | | **30** |  | **System Wide General Education Requirement** | | | | **30** |
| General Education | | | 20 |  | General Education | | | | 20 |
| BIOL | 151/  151L | General Biology I/Lab | 4 |  | BIOL | | 151/  151L | General Biology I/Lab | 4 |
| PSYC  EPSY  Or SOC | 101  210  100 | General Psychology  Lifespan Development  Intro to Sociology | 3 |  | PSYC  EPSY  Or SOC | | 101  210  100 | General Psychology  Lifespan Development  Intro to Sociology | 3 |
| MATH | 114 | College Algebra or course requiring MATH 114 as a prerequisite | 3 |  | MATH | | 114 | College Algebra or course requiring MATH 114 as a prerequisite | 3 |
|  |  |  |  |  |  | |  |  |  |
|  |  |  |  |  |  | |  |  |  |
|  |  |  |  |  |  | |  |  |  |
| Required Core | | | 66 |  | **Exercise Science Core** | | | | **26** |
| BIOL | 221 | Human Anatomy | 4 |  | EXS | | 145 | Introduction to Exercise Science | 3 |
| BIOL | 221L | Human Anatomy Lab | 0 |  | EXS | | 300 | Introduction to Research | 3 |
| BIOL | 325 | Physiology | 4 |  | EXS | | 350 | Exercise Physiology | 3 |
| BIOL | 325L | Physiology | 0 |  | EXS | | 350L | Exercise Physiology Lab | 1 |
| CIS  CIS  CSC | 123  130  150 | Problem Solving and Programming  OR Visual Basic Programming OR Computer Science | 3 |  | EXS | | 353 | Kinesiology | 3 |
| CSC | 105 | Introduction to Computers | 3 |  | EXS | | 400 | Exercise Testing and Prescription | 3 |
|  |  |  |  |  | EXS | | 454 | Biomechanics | 3 |
|  |  |  |  |  | EXS | | 482 | Theory of Strength and Conditioning | 3 |
|  |  |  |  |  | HLTH | | 422 | Nutrition | 3 |
|  | | |  |  | PE | | 207 | Professional Preparation: Strength Training | 1 |
|  |  |  |  |  |  | |  |  |  |
| EXS | 145 | Introduction to Exercise Science | 3 |  | **Computer Science Courses** | | | | **6** |
| EXS | 300 | Introduction to Research | 3 |  | CSC | | 105 | Introduction to Computers | 3 |
| ~~EXS~~ | ~~335~~ | ~~Administration of Exercise Science~~ | ~~3~~ |  | Choose one of the following (3 credits) | | | | 3 |
| EXS | 350 | Exercise Physiology | 3 |  | CIS | | 123 | Problem Solving and Programming |  |
| EXS | 350L | Exercise Physiology Lab | 1 |  | CIS | | 130 | Visual Basic Programming |  |
| EXS | 353 | Kinesiology | 3 |  | CSC | | 150 | Computer Science |  |
| ~~EXS~~ | ~~376~~ | ~~Technology Integration~~ | ~~3~~ |  |  | |  |  |  |
| ~~EXS~~ | ~~395~~ | ~~Practicum~~ | ~~3~~ |  |  | |  |  |  |
| EXS | 400 | Exercise Testing and Prescription | 3 |  | **Science Core Support Courses** | | | | **8** |
| ~~EXS~~ | ~~401~~ | ~~Clinical Exercise Physiology~~ | ~~3~~ |  | BIOL | | 221 | Human Anatomy | 4 |
| ~~EXS~~ | ~~452~~ | ~~Motor Learning and Development~~ | ~~3~~ |  | BIOL | | 221L | Human Anatomy Lab | 0 |
| EXS | 454 | Biomechanics | 3 |  | BIOL | | 325 | Physiology | 4 |
| EXS | 482 | Theory of Strength and Conditioning | 3 |  | BIOL | | 325L | Physiology Lab | 0 |
| ~~EXS~~ | ~~490~~ | ~~Seminar~~ | ~~1~~ |  | **Choose 12 credits from the following:** | | | | **12** |
| ~~EXS~~ | ~~494~~ | ~~Internship~~ | ~~2~~ |  | GAME | | 487 | Facility, Risk, and Event Management | 3 |
| ~~HLTH~~ | ~~100~~ | ~~Wellness for Life~~ | ~~1~~ |  | EXS | | 376 | Technology Integration | 3 |
| ~~HLTH~~ | ~~370~~ | ~~Stress Management~~ | ~~3~~ |  | EXS | | 395 | Practicum | 3 |
| HLTH | 422 | Nutrition | 3 |  | EXS | | 401 | Clinical Exercise Physiology | 3 |
| ~~PE~~ | ~~100~~ | ~~Activity~~ | ~~1~~ |  | EXS | | 452 | Motor Learning and Development | 3 |
| PE | 207 | Professional Preparation: Strength Training | 1 |  | EXS | | 490 | Seminar | 1 |
| ~~PE~~ | ~~354~~ | ~~Prevention and Care of Athletic Injuries~~ | ~~3~~ |  | EXS | | 494 | Internship | 2-4 |
|  |  |  |  |  | HLTH | | 100 | Wellness for Life | 1 |
|  |  |  |  |  | HLTH | | 370 | Stress Management | 3 |
|  |  |  |  |  | PE | | 100 | Activity | 1 |
|  |  |  |  |  | PE | | 217 | Advanced Strength Training | 1 |
|  |  |  |  |  | PE | | 354 | Prevention and Care of Athletic Injuries | 3 |
|  |  |  |  |  | PE | | 453 | Sport Psychology | 3 |
|  |  |  |  |  | CHEM | | 112 | General Chemistry | 4 |
|  |  |  |  |  | CHEM | | 112L | General Chemistry Lab | 0 |
|  |  |  |  |  | CHEM | | 114 | General Chemistry II | 4 |
|  |  |  |  |  | CHEM | | 114 | General Chemistry II Lab | 0 |
|  |  |  |  |  | CHEM | | 326 | Organic Chemistry I | 3 |
|  |  |  |  |  | CHEM | | 326L | Organic Chemistry I Lab | 1 |
|  |  |  |  |  | CHEM | | 328 | Organic Chemistry II | 3 |
|  |  |  |  |  | CHEM | | 328L | Organic Chemistry II Lab | 1 |
|  |  |  |  |  | CHEM | | 460 | Biochemistry | 3 |
|  |  |  |  |  | CHEM | | 492 | Topics | 1-4 |
|  |  |  |  |  | MATH | | 123 | Calculus I | 4 |
|  |  |  |  |  | MATH | | 125 | Calculus II | 4 |
|  |  |  |  |  | MATH | | 418 | Mathematical Modeling | 3 |
|  |  |  |  |  | MATH | | 281 | Introduction to Statistics | 3 |
|  |  |  |  |  | PHYS | | 111 | Introduction to Physics I | 4 |
|  |  |  |  |  | PHYS | | 111L | Introduction to Physics I Lab | 0 |
|  |  |  |  |  | PHYS | | 113 | Introduction to Physics II | 4 |
|  |  |  |  |  | PHYS | | 113L | Introduction to Physics II Lab | 0 |
|  |  |  |  |  | HIM | | 130 | Basic Medical Terminology | 2 |
|  |  |  |  |  |  | |  |  |  |
| **Electives** | | | **24** |  | **Electives** | | | | **38** |
|  |  |  |  |  |  | |  |  |  |
| Total number of hours required for major, minor, or specialization | | | 66 |  | |  | | | 52 |
| Total number of hours required for degree | | | 120 |  | |  | | | 120 |

1. **Explanation of the Change:**

These curriculum changes are proposed with the purpose of providing students majoring in Exercise Science with greater flexibility to explore other academic possibilities. This proposal will decrease the number of required credits within the major while concurrently expanding the number of elective credits within the degree. The primary focus of this proposal is to provide students who are pursuing educational requirements for graduate programs in the health professions greater flexibility in pursuing double majors or minors with other programs across campus.