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| S:\Communications\Logos and photos\SDBORLogos\final_sdbor_webreadyBW_trans.gif | **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:** | **Biology Minor** |
| **CIP CODE:** |  |
| **UNIVERSITY DEPARTMENT:** |  |
| **UNIVERSITY DIVISION:** | **College of Arts and 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.*

|  |  |  |
| --- | --- | --- |
| C:\Users\slaughts\AppData\Local\Microsoft\Windows\INetCache\Content.Word\Dr. McKay Signature.jpg |  | 2/2/2018 |
| 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) |

Arrangement of courses within the discipline to create more defined pathways for students seeking specific career opportunities.

1. **Effective date of change: 8/1/2018**
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. **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.** |
|  | | | |  |  | | | | |
| Biology Minor | | | ~~20-21~~ |  | Biology Minor | | | | **19-21** |
| BIOL | 151 | General Biology I | 4 |  | BIOL | | 151 | General Biology I | 4 |
| ~~BIOL~~ | ~~165~~ | ~~General Zoology~~ | ~~4~~ |  |  | |  |  |  |
| ~~BIOL~~ | ~~201~~ | ~~General Botany~~ | ~~4~~ |  |  | |  |  |  |
| ~~BIOL~~ | ~~311~~ | ~~Principles of Ecology~~ | ~~4~~ |  |  | |  |  |  |
| ~~BIOL~~ | ~~371~~ | ~~Genetics~~ | ~~4~~ |  |  | |  |  |  |
|  |  |  |  |  | **BIOL** | | **153** | **General Biology II** | **4** |
|  |  |  |  |  | **Choose 11-12 credits from the following:** | | | |  |
|  |  |  |  |  | **BIOL** | | **221** | **Human Anatomy** | **4** |
|  |  |  |  |  | **BIOL** | | **311** | **Principles of Ecology** | **4** |
|  |  |  |  |  | **BIOL** | | **331** | **Microbiology** | **4** |
|  |  |  |  |  | **BIOL** | | **343** | **Cell and Molecular Biology** | **4** |
|  |  |  |  |  | **BIOL** | | **325** | **Physiology** | **4** |
|  |  |  |  |  | **BIOL** | | **365** | **Vertebrate Zoology** | **4** |
|  |  |  |  |  | **BIOL** | | **371** | **Genetics** | **4** |
|  |  |  |  |  | **BIOL** | | **410** | **Conservation Biology** | **3** |
|  |  |  |  |  | **BIOL** | | **422** | **Immunology** | **3** |
|  |  |  |  |  | **BIOL** | | **450** | **Aquatic Biology** | **4** |
|  |  |  |  |  | **SCTC** | | **345** | **Intr. To Bioinformatics** | **3** |
| SEED | 303 | Secondary/Middle  Content Area: Minor\*  \*Required for Secondary Education Majors Only | 1 |  | SEED | | 303 | Secondary/Middle  Content Area: Minor  Required for Secondary Education Majors Only | 1 |
|  |  |  |  |  |  | |  |  |  |
| Total number of hours required for major, minor, or specialization | | | **20 -21** |  | | Total number of hours required for major, minor, or specialization | | | **19 -21** |
| Total number of hours required for degree | | | **20 -21** |  | | Total number of hours required for degree | | | **19 -21** |

1. **Explanation of the Change:**

BIOL 153 General Biology II is added to the required course list and replaces BIOL 165 General Zoology and BIOL 201 General Botany.

After the two general biology courses, the remaining credits in the minor are changed to allow selection among a group of biology courses. The expansion of course selection will allow more options to students seeking specific career preparation. Also, some of the required courses in the current minor are offered every other year which creates scheduling problems for many students.

The number of credit hours required for the minor is changed to 19-21 hours to allow for the inclusion of a three-credit course in the requirements. Note that students would only be able to choose one 3 credit course and be able to meet the minimum total of 19 credit hours. This maintains the current emphasis of the minor on courses including laboratory experience.