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| For Academic Affairs and Research Use Only |
| Proposal Number |  |
| CIP Code:  |  |
| Degree Code: |  |
|  2+2/MOUs: |  |

**Program Deletion Proposal Form**

**[ ] Undergraduate Curriculum Council**

**[X] Graduate Council**

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

Please note that this proposal requires Arkansas Department of Higher Education (ADHE) approval

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| Virginie Rolland | 2/28/2022 |

**Department Curriculum Committee Chair** |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**COPE Chair (if applicable)** |
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| Stephen J. Mullin | 3/1/2022 |

**Department Chair** |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**Head of Unit (if applicable)**   |
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| John Hershberger | 3/16/2022 |

**College Curriculum Committee Chair** |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**Undergraduate Curriculum Council Chair** |
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| --- | --- |
| Lynn Boyd | 3/17/2022 |

**College Dean** |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**Graduate Curriculum Committee Chair** |
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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**General Education Committee Chair (if applicable)**   |

|  |  |
| --- | --- |
| Alan Utter | 4/28/2022 |

**Vice Chancellor for Academic Affairs** |

1. **Contact Person** (Name, Email Address, Phone Number)

Travis D. Marsico; tmarsico@astate.edu; 8191

1. **Title of program**

Professional Science Masters--Biotechnology

1. **Number of students still enrolled in program**

2

1. **How will students in the deleted program be accommodated?**

Graduate biology courses to complete their degree will still be offered with their typical regularity. These courses service MS biology students and MS and PhD students in Molecular Biosciences. If a course is not offered, an appropriate substitution will be made.

1. **Last semester and year for graduation**

Summer 2023.

1. **Last semester for new admissions?**

Fall 2021. No additional admissions will be accepted.

1. **When will written notification providing deletion information be sent to enrolled students? (In the notification, include semester and year of the last award and how student will be accommodated.)**

Spring 2022. Upon approval of this request, students will be notified. They will be accommodated by receiving biology content courses that are for graduate students. There will be no change to their curriculum.

1. **Provide documentation of written notification to students currently enrolled in program.**

Sample notification:

Dear Student: On account of low enrollment over the past several years, the Professional Science Master’s degree in Biotechnology is being terminated. Because you are currently enrolled in this program, you will still be able to enroll in the classes required to complete this degree. You are strongly encouraged to meet with both the Director of this program and your faculty advisor so that you are aware of the courses that you still need to complete in order to satisfy the degree requirements. Also, be advised that the statute of limitations applies and you will need to complete this degree plan within the next six (6) years. Depending on available personnel, some courses might not be offered that far into the future..

1. **Please provide a short justification for why this program is being deleted.**

 During the period spanning from FA18-FA21, the enrollment in this program had averaged 2 or fewer students. Low enrollment in recent years seems to be attributable to lack of direct recruitment and a lack of desire among prospective students for a “professional science masters” rather than a Master of Science degree. The program does require two graduate-only, program-specific courses, and with low enrollment numbers these courses cannot be justified to be taught with limited personnel in the department..

**Bulletin Changes**

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| --- |
| **Instructions**  |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Please include a before (with changed areas highlighted) and after of all affected sections.** **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.**  |

Page 54. Before.

**Master of Science in Nursing (M.S.N.)**

|  |
| --- |
| Nursing —Adult Gerontology Acute Care Nurse Practitioner —Family Nurse Practitioner —Nurse Administrator —Nurse Educator  |
| Nurse Anesthesia  |

**Master of Social Work (M.S.W.)**

**~~Professional Science Masters (P.S.C.)~~**

|  |
| --- |
| ~~Biotechnology~~  |

Page 54. After.

**Master of Science in Nursing (M.S.N.)**

|  |
| --- |
| Nursing —Adult Gerontology Acute Care Nurse Practitioner —Family Nurse Practitioner —Nurse Administrator —Nurse Educator  |
| Nurse Anesthesia  |

**Master of Social Work (M.S.W.)**

Pages 312-313 of 2021-2022 graduate bulletin.—Before.

**~~Program of Study for the Professional Science Master’s~~**

**~~in Biotechnology~~**

~~The Professional Science Master’s in Biotechnology program prepares students to compete successfully for existing and future careers in biotechnology. The program offers classroom instruction on concepts and theory, integrated with intensive laboratory experience focusing on techniques and communication skills required for professional biotechnologists. It is an interdisciplinary program com­posed consists of 36 academic credits. This includes two intensive laboratory methods courses and a directed professional internship with a minimum of 300 laboratory hours in an industry or government laboratory research agency that each student must complete. The internships focus on intensive training and students are required to compose a PowerPoint presentation and a professional portfolio illustrating accomplishments achieved during their internship experiences.~~

**~~ADMISSION REQUIREMENTS~~**

~~Students seeking admission into the Professional Science Master’s in Biotechnology program must meet admission requirements of Graduate Admissions. In addition, full admission status requires satisfaction of the following criteria:~~

~~• A baccalaureate degree with a minimum science GPA of 2.75 (undergraduate science courses). Preference is given to students with a degree in the biological and chemical sciences.~~

~~• Verbal, Analytical, and Quantitative GRE Scores:~~

~~GRE Exam before Fall 2011 - Minimum combined Verbal and Quantitative Score of 1000~~

~~GRE Exam after Fall 2011 - Minimum combined Verbal and Quantitative Score of 300~~

~~• Three (3) Letters of Recommendation~~

~~• Personal Statement of Career Goals~~

~~All applications are due by May 1st. International applicants are also required to submit TOEFL scores with a minimum IBR score of 79. Exceptions to these requirements are made on an individual basis.~~

**~~Biotechnology~~**

**~~Professional Science Master’s~~**

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| **~~University Requirements:~~**  |
| ~~See Graduate Degree Policies for additional information (p. 47)~~  |
| **~~Program Requirements:~~**  | **~~Sem. Hrs.~~**  |
| ~~BIO 6023, Genetic Engineering~~  | ~~3~~  |
| ~~BIO 6033, Biosafety & Ethics in Research~~  | ~~3~~  |
| ~~BIO 6143, Introduction to Biotechnology & Research Design~~  | ~~3~~  |
| ~~BIO 6144, Biotechniques I Laboratory~~  | ~~4~~  |
| ~~BIO 6154, Biotechniques II Laboratory~~  | ~~4~~  |
| ~~BIO 6196, Internship in Biotechnology~~  | ~~6~~  |
| ~~BIO 6233, Specialized Biochemistry~~  | ~~3~~  |
| ~~MBS 6213, Advanced Cell Biology~~  | ~~3~~  |
| ~~MGMT 6433, Entrepreneurship~~  | ~~3~~  |
| ~~Approved electives~~  | ~~4~~  |
| **~~Sub-total~~**  | **~~36~~**  |
| **~~Total Required Hours:~~**  | **~~36~~** |

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N/A. Pages will be deleted.

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