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| For Academic Affairs and Research Use Only |
| Proposal Number |  |
| CIP Code:  |  |
| Degree Code: |  |

**ONLINE DELIVERY OF EXISTING CERTIFICATE OR DEGREE FORM**

**(More than 50% Online)**

(Also requires Arkansas Department of Higher Education (ADHE) approval)

**[X] Undergraduate Curriculum Council**

**[ ] Graduate Council**

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

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| Amy Hyman | 3/4/2022 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Joseph L. Richmond | 3/7/2022 |

**Department Chair** |

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| Julie B. King | 3/3/2022 |

**Head of Unit (if applicable)**   |
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**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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**College Dean** |

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

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**Vice Chancellor for Academic Affairs** |

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

 Dr. Amy Hyman, ahyman@astate.edu, 870-680-8286

1. **Name of Existing Certificate(s) or Degree(s):**

Bachelor of Science in Occupational and Environmental Safety and Health

1. **Proposed Effective Date:**

Spring 2023

1. **Reason for online delivery of the Program:**

Currently, the OESH-BS program is offered as a primarily in person program with some of the courses being offered in an online format. However, much of the interest in the program has come from professionals who are already working in the practice without a degree who cannot quit their jobs to pursue a traditional, on-campus degree. Offering this program in an online format will allow us to serve those students and allow them to obtain a degree needed for advancement in their field.

1. **Percentage of courses to be offered online (50-99%, or 100%):**

100 %

1. **Will this Program be offered through Global Initiatives/AP?**

Yes

1. **Provide the current and proposed curriculum (course number/title) with the courses that are or will be offered via distance technology underlined. Mark\* courses that will be taught by adjunct faculty.**

The current curriculum has been updated through a Program Modification form to support online delivery of the OESH program. All of these courses are either provided online already or in the case of ENG 3063 Writing for STEM and POSC 4633 Environmental Law and Administration, we have received email agreements from these departments to offer these courses online. All courses will be adjusted to teach in the required AP 7-week format.

**The proposed new curriculum is listed below.**

Required General Education courses:

ENG 1003 English Composition I

ENG 1013 English Composition II

COMS 1203 Oral Communication

MATH 1023 College Algebra or any course that requires MATH 1023 as a prerequisite

 BIO 2201 Human Anatomy and Physiology I Laboratory

BIO 2203 Human Anatomy and Physiology I

CHEM 1041 Fundamentals of Chemistry Laboratory

CHEM 1043 Fundamentals of Chemistry

Required Support Courses:

BIO 2101 Microbiology for Nursing and Allied Health Laboratory

BIO 2103 Microbiology for Nursing and Allied Health

CHEM 1052 Fundamental Concepts of Organic and Biochemistry

DPEM 3503 Principles of Disaster Preparedness and Emergency Management

ENG 3063 Writing for STEM

 POSC 4633 Environmental Law and Administration

STAT 3233 Applied Statistics I

Major (OESH) Courses:

OESH 3013 Fundamentals of Occupational Health and Safety

OESH 3023 Principles of Environmental Health

OESH 3103 Recognition of Occupational Hazards\*

OESH 3113 Toxicology

OESH 3203 Control of Occupational Hazards\*

OESH 3223 Industrial Hygiene Sampling and Analysis

OESH 3303 Water, wastewater, solid and hazardous waste management

OESH 3313 Epidemiology

OESH 3323 Occupational Illnesses

OESH 4013 OSHA Standards and Practices \*

OESH 4113 Environmental Health and Safety Management

OESH 4213 Construction Safety\*

OESH 4223 Accident Investigation and Analysis

OESH 4303 Environmental Risk Assessment

OESH 4313 Ergonomics

OESH 4323 Air Pollution

OESH 4003 Internship

OESH 4401 OESH Senior Seminar

Program Electives (choose 3)

OESH 3123 Issues in Industrial Hygiene

OESH 4203 Principles of Food Safety and Sanitation\*

OESH 4343 Process Safety

OESH 4413 Fire Safety and Prevention\*

Electives (3 hours)

OESH 480V (1-3) Independent Study in Occupational and Environmental Safety and Health