APPLICATION INFORMATION

Students wishing to pursue the Bachelor of Science in Occupational and Environmental Safety and Health (BS-OESH) must apply to Arkansas State University and meet all admission requirements established by the university. Interested individuals are encouraged to contact the program director, Dr. Julie King at juking@ASState.edu, early in their college career to ensure that all prerequisite courses are completed and to determine eligibility to begin upper-level OESH classes. Students must have completed general education requirements and program support coursework with a “C” average or better.

CONTACT INFORMATION

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OCCUPATIONAL AND ENVIRONMENTAL SAFETY AND HEALTH PROGRAM
College of Nursing and Health Professions
Arkansas State University
P.O. Box 910, State University, AR 72467

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Jonesboro, Ark.
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Arkansas State University will not discriminate on the basis of race, color, religion, sex, national origin, age, handicap, or other unlawful factors in employment practices or admission and treatment of students.
OCCUPATIONAL AND ENVIRONMENTAL SAFETY AND HEALTH PROGRAM

MISSION STATEMENT
The mission of the Occupational and Environmental Safety and Health Program is to provide a comprehensive and quality education to students wishing to become occupational safety or environmental health professionals for private industries, governing agencies, hospitals or research facilities and to train students to anticipate, identify and evaluate workplace and environmental health hazards through hands-on and real-world experiences.

OCCUPATIONAL AND ENVIRONMENTAL SAFETY AND HEALTH PROGRAM
Are you interested in how air, water, food and the workplace can impact community health? The Bachelor of Science in Occupational and Environmental Safety and Health (BS-OESH) is a multidisciplinary program that prepares students to become professionals in the fields of occupational safety, industrial hygiene and environmental health. Students will learn to anticipate, identify and evaluate environmental and workplace health threats and mitigate these threats with strategies designed to protect workers, communities and the environment.

The program requires 120 hours of undergraduate level courses with specific coursework in chemistry, biology and statistics, along with occupational safety and environmental health topics. Each student will also complete a 180-hour internship in the field of OESH.

WHAT CAN YOU DO WITH A BS IN OESH?
Many occupations are linked with occupational and environmental safety and health.
Jobs in government, industry and academia can include:
• Occupational Safety Experts
• Environmental Specialists
• Food Safety Professionals
• Industrial Hygienists
• Toxicologists
• Hazardous and Solid Waste Specialists

☐ CURRICULUM

Year 1 (Fall)  Credit Hours
UC 1013 FYE Making Connections 3
CHEM 1013 General Chemistry I 3
CHEM 1011 General Chemistry I Lab 1
ENG 1003 Composition I 3
BIO 2203 Human Anatomy and Physiology I 3
Social Science Elective 3
Total 16

Year 1 (Spring)
ENG 1013 Composition II 3
CHEM 1023 General Chemistry II 3
CHEM 1021 General Chemistry II Lab 1
MATH 1023 College Algebra 3
Choose one of the following:
POSC 2103 Introduction to U.S. Government 3
HIST 2763 U.S. History to 1876 3
HIST 2773 U.S. History since 1876 3
Social Science Elective 3
Total 16

Year 2 (Fall)
BIO 2013 Biology of the Cell 3
BIO 2011 Biology of the Cell Lab 1
PHYS 2133 Survey of Physics for Health Professions 3
ENG 3063 Writing for STEM 3
CHEM 3103 Organic Chemistry I 3
CHEM 3101 Organic Chemistry I Lab 1
Total 14

Year 2 (Spring)
BIO 2103 Microbiology for Nursing and Allied Health 3
BIO 2101 Microbiology for Nursing and Allied Health Lab 1
COMS 1203 Oral Communication 3
STAT 3233 Applied Statistics 3
Fine Arts Elective 3
Humanities Elective 3
Total 16

Year 3 (Fall)  Professional Program Year 1  Credit Hours
OESH 3013 Fundamentals of Occupational and Environmental Health 3
OESH 3023 Principles of Environmental Health 3
OESH 3103 Recognition of Occupational Hazards 3
DPEM 3503 Principles of DPEM 3
OESH 3113 Toxicology 3
Total 15

Year 3 (Spring)
OESH 3203 Control of Occupational Hazards 3
OESH 3223 Industrial Hygiene Sampling and Analysis Lab 3
POSC 4533 Environmental Law and Administration 3
OESH 3303 Water, Wastewater, Solid and Hazardous Waste Treatment 3
OESH 3313 Epidemiology and Biostatistics 3
Total 15

Year 4 (Fall)  Professional Program Year 2  Credit Hours
OESH 4003 Internship 3
OESH 4013 OSHA Standards and Practices 3
OESH 4113 Environmental Health and Safety Management 3
OESH 4203 Principles of Food Safety and Sanitation 3
Total 12

Year 4 (Spring)
OESH 4401 Senior Seminar 1
OESH 4303 Environmental Risk Assessment 3
OESH 4213 Construction Safety 3
OESH 4313 Ergonomics 3
OESH 4223 Accident Investigation and Analysis 3
OESH 4323 Air Pollution 3
Total 16

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