

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@AState.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.





Occupational and Environmental Safety and Health

Bachelor of Science

Occupational and Environmental Safety and Health



ARKANSAS STATE UNIVERSITY

CONTACT INFORMATION

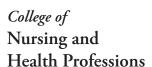
Julie King, Ph.D., CSP
Occupational and Environmental Safety and Health
Program Director
(870) 972-3920
juking@AState.edu

OCCUPATIONAL AND ENVIRONMENTAL SAFETY AND HEALTH PROGRAM

College of Nursing and Health Professions Arkansas State University P.O. Box 910, State University, AR 72467









1/2021

Eugene Smith Hall, Room 201B Jonesboro, Ark. Phone: (870) 972-3920 ◆ Fax: (870) 972-2040

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ARKANSAS STATE UNIVERSITY

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 H	ours		
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	e Elective	3		
Total			16		
Year 1	(Spring	g)			
ENG	1013	Composition II	3		
CHEM	1023	General Chemistry II	3		
		General Chemistry II Lab	1		
		College Algebra	3		
		the following:	3		
POSC		Introduction to U.S. Government			
HIST		U.S. History to 1876			
HIST		U.S. History since 1876			
	Science	e Elective	3		
Total			16		
Year 2					
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		Organic Chemistry I	3		
CHEM	3101	Organic Chemistry I Lab	1		
Total			14		
Year 2					
BIO		Microbiology for Nursing and Allied Health	3		
BIO		Microbiology for Nursing and Allied Health L			
		Oral Communication	3		
STAT		Applied Statistics	3		
	Fine Arts Elective Humanities Elective				
Total	ונופט בוו	BULIVE	3 16		

CURRICULUM

Year 3	(Fall) F	Professional Program Year 1 Credit Hou	urs
0ESH	3013	Fundamentals of Occupational	3
		Health and Safety	
0ESH	3023	Principles of Environmental Health	3
0ESH	3103	Recognition of Occupational Hazards	3
DPEM	3503	Principles of DPEM	3
0ESH	3113	Toxicology	3
Total			15
	(Spring	g)	
0ESH	3203	Control of Occupational Hazards	3
0ESH	3223	Industrial Hygiene Sampling and Analysis Lab	3
POSC	4533	Environmental Law and Administration	3
0ESH	3303	Water, Wastewater, Solid and	3
		Hazardous Waste Treatment	
0ESH	3313	Epidemiology and Biostatistics	3
Total			15
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		Professional Program Year 2	
0ESH	4003	F	3
0ESH	4013	OSHA Standards and Practices	3
0ESH	4113	Environmental Health and Safety Managemen	
0ESH	4203	Principles of Food Safety and Sanitation	3
Total			12
V 1	(C:	-1	
	(Spring	-	1
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