

# OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT (BACHELOR OF SCIENCE)

In addition to courses noted below, candidates for graduation must successfully complete all JSU Academic Regulations. More information about general education requirements can be found in the Summary of Degrees/Requirements (<https://catalog.jsu.edu/undergraduate/summary-degrees-requirements/>) section of the catalog.

## Freshman

	Hours
<b>Fall</b>	
EH Composition sequence	3
MS 125	Calculus I 4
History sequence	3
AE 201	Microcomputers: Applications and Techniques 3
or CS 201	or Introduction to Information Technology
AE 210	Manufacturing Fundamentals 3
SSC 101	First Year Experience 0
<b>Hours</b>	<b>16</b>

## Spring

EH Composition sequence	3
EH 141	Speech 3
History sequence	3
AE 211	AC/DC Circuits 3
General Electives	3
<b>Hours</b>	<b>15</b>

## Sophomore

	Hours
<b>Fall</b>	
Fine Arts	3
PSY 201	Principles of Psychology 3
AE 380	Industrial Safety and Health 3
AE 392	Fire Prevention and Protection 3
General Electives	3
<b>Hours</b>	<b>15</b>

## Spring

Natural Science <sup>1</sup>	4
EH 322	Technical Writing (WI) 3
or CBA 350	or Business Communications (WI)
AE 307	Industrial Training 3
AE 343	Engineering and Technology Management 3
or MGT 301	or Principles of Management
AE 382	Standards of Industrial Safety 3
or AE 384	or Construction Safety
<b>Hours</b>	<b>16</b>

## Junior

	Hours
<b>Fall</b>	
Natural Science	4
AE 372	Statistical Analysis for Quality Control 3
AE 390	Hazard Analysis and Control 3
AE 393	Junior Seminar (WI) 1
AE 485	Industrial Safety Management 3
<b>Hours</b>	<b>14</b>

## Spring

Literature	3
EC 221	Principles of Microeconomics 3
AE 342	Employer-Employee Relations 3
or MGT 385	or Human Resource Management (WI)
AE 344	Engineering Economy and Cost Analysis 3

AE 486	Safety Performance Management 3
<b>Hours</b>	<b>15</b>
<b>Senior</b>	
<b>Fall</b>	
Literature	3
AE 487	Systems Safety 3
AE 489	Environmental Law and Hazardous Materials 3
General Electives	6
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
AE 484	Industrial Ergonomics 3
AE 488	Industrial Hygiene 3
AE 494	Applied Engineering Senior Internship (WI) 2
General Electives	6
<b>Hours</b>	<b>14</b>
<b>Total Hours</b>	<b>120</b>

The student must have earned an overall grade point average of 2.75 based upon a 4.00 scale to include all AE courses and MS courses with a "C" or better.

- <sup>1</sup> Select from: CY 105 General Chemistry I (3), CY 106 General Chemistry II (3), CY 107 General Chemistry Laboratory I (1), and CY 108 General Chemistry Laboratory II (1) or PHS 201 College Physics I (3), PHS 202 College Physics II (3), PHS 203 College Physics Laboratory Techniques I (1), and PHS 204 College Physics Laboratory Techniques II (1).