

# 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 Jax MIX requirements (<https://catalog.jsu.edu/undergraduate/jax-mix-requirements/>) and Alabama Transfers equivalents (<https://catalog.jsu.edu/undergraduate/alabama-transfers-equivalents/>) can be found in their respective section of the catalog.

## Freshman

Fall	Hours
Jax MIX Communication: EH Composition sequence	3
MS 125 Calculus I (Jax MIX Communication)	4
Jax MIX Experience: History sequence	3
CS 201 Introduction to Information Technology	3
AE 210 Manufacturing Fundamentals	3
SSC 101 First Year Experience	0
<b>Hours</b>	<b>16</b>

## Spring

Jax MIX Communication: EH Composition sequence	3
EH 141 Speech (Jax MIX Communication)	3
Jax MIX Experience: History sequence	3
AE 211 AC/DC Circuits	3
General Electives	3
<b>Hours</b>	<b>15</b>

## Sophomore

Fall	Hours
Jax MIX Expression: Fine Arts	3
PSY 201 Principles of Psychology (Jax MIX Experience)	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

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

## Junior

Fall	Hours
Jax MIX Inquiry: Science <sup>1</sup>	4
AE 372 Statistical Analysis for Quality Control	3
AE 390 Hazard Analysis and Control	3
AE 393 Applied Engineering Junior Seminar	1
AE 485 Industrial Safety Management	3
General Electives	3
<b>Hours</b>	<b>17</b>

## Spring

Jax MIX Expression: Literature	3
EC 221 Principles of Microeconomics (Jax MIX Experience)	3
AE 342 Employer-Employee Relations or MGT 385 or Human Resource Management (WI)	3
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>	
Jax MIX Expression: Literature	3
AE 388 Industrial Hygiene I	3
AE 487 Systems Safety	3
AE 489 Environmental Law and Hazardous Materials	3
General Electives	3
<b>Hours</b>	<b>15</b>
<b>Spring</b>	
AE 484 Industrial Ergonomics	3
AE 490 Industrial Hygiene II	3
AE 494 Applied Engineering Senior Internship (WI)	2
General Electives	3
<b>Hours</b>	<b>11</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).