

# Bachelor of Science in Occupational Safety and Health

## Sample Plan

The academic plan below is one pathway through the degree/certificate. It includes all requirements, taking into account recommendations from program faculty. Each student's plan may vary according to their initial course placement (<https://catalog.uaa.alaska.edu/academicpoliciesprocesses/academicstandardsregulations/courseplacement/>), intended course load, additional majors and/or minors, and their placement into required prerequisite courses. Any change in the plan below can have an unforeseen impact on the rest of the plan. **Therefore, it is very important to meet with your academic advisor to verify your personal academic plan.**

**Please review the following terms, definitions, and resources associated with the sample academic plan below.**

- Each course in the far left column links to a pop-up bubble with a course description, prerequisite requirements, and associations with university requirements. For example, if a course fulfills a general education requirement, you will see that in the pop-up bubble.
- GER:** indicates a General Education Requirement (<https://catalog.uaa.alaska.edu/undergraduateprograms/baccalaureaterequirements/gers/>). GERs that also count toward degree/certificate requirements appear as a specific course in the plan. For these courses, "GER" is not indicated explicitly in the table, but if you click on the course, you will see the course's GER status in the pop-up bubble.
- Program Elective:** indicates a specific course selection determined by program faculty to fulfill a degree/certificate requirement. Students should seek assistance from their academic advisor.
- Elective:** indicates an open selection of 100-400 level university courses to fulfill elective credits needed to meet the minimum total credits toward the degree/certificate.
- Upper Division Program Elective:** indicates a specific 300-400 level course selection determined by the program faculty to fulfill a degree/certificate requirement. Students should seek assistance from their academic advisor.
- Upper Division Elective:** indicates an open selection of 300-400 level courses to fulfill elective credits needed to meet the minimum total credits toward the degree/certificate. These courses must be upper division in order to meet General University Requirements for the particular degree/certificate type.

### First Year

Fall		Credits
OSH A101	Introduction to Occupational Safety and Health	3
OSH A108	Industrial Safety	3

OSH A120	Safety Program Management and Recordkeeping	3
MATH A105	Intermediate Algebra	4
WRTG A111	Writing Across Contexts	3
<b>Credits</b>		<b>16</b>

### Spring

BIOL A100 or BIOL A102 or BIOL A111/A111L	Human Biology or Introductory Biology or Human Anatomy and Physiology I	3
COMM A111	Fundamentals of Oral Communication	3
MATH A151	College Algebra for Calculus	4
OSH A201	Hazard Control: Inspections, Audits and Investigations	3
WRTG A212	Writing and the Professions	3
<b>Credits</b>		<b>16</b>

### Second Year

#### Fall

FIRE A105	Fire Prevention	3
OSH A111	Occupational Safety Training Needs and Methods	3
OSH A160	Fundamentals of Industrial Hygiene	3
OSH A230	Principles of Ergonomics	3
OSH A250	Hazardous Materials Operations	3
<b>Credits</b>		<b>15</b>

#### Spring

CHEM A103 & A103L	Introduction to General Chemistry and Introduction to General Chemistry Laboratory	4
OSH A211	Safety Management Systems	4
OSH A215	Environmental Issues for Safety and Health Professionals	3
OSH A240	Workplace Monitoring: Instrumentation and Calibration	3
OSH A390	Selected Topics in Occupational Safety and Health	3
<b>Credits</b>		<b>17</b>

### Third Year

#### Fall

AKNS A201	Alaska Native Perspectives	3
JPC A104	Media Literacy	3
OSH A305	Incident Investigation and Analysis	3
PHYS A123	College Physics I	3
PSY A111 or PSY A200	Introduction to Psychology or Introduction to Behavior Analysis	3
<b>Credits</b>		<b>15</b>

#### Spring

OSH A310	Human Factors	3
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OSH A360	Industrial Hygiene for the Safety Professional	3
PHIL A305	Professional Ethics	3
STAT A200	Elementary Statistics	3
TECH A305	Applied Leadership for Technicians	3
<b>Credits</b>		<b>15</b>
<b>Fourth Year</b>		
<b>Fall</b>		
JPC A362	Principles of Strategic Communications	3
OSH A390	Selected Topics in Occupational Safety and Health	3
OSH A405	Construction Industry Safety Management	3
OSH A450	Risk Management for Safety and Health	3
GER Fine Arts		3
<b>Credits</b>		<b>15</b>
<b>Spring</b>		
OSH A375	Process Safety Management	3
OSH A420	Legal Aspects of Safety	3
OSH A460	Economic Value of Safety	3
OSH A495	Advanced Occupational Safety and Health Internship	3
<b>Credits</b>		<b>12</b>
<b>Total Credits</b>		<b>121</b>