

### Appendix

**CSU Bachelor of Science Degree in Occupational Safety and Health**  
 Applicable to students completing the following University of Fredericton (UFred)  
 undergraduate degree program:

**Associate Degree in Occupational Health and Safety (AOHS)**

| CSU Degree Requirements                                      | CSU Required Credits | UFRED Transfer Courses*   | UFRED Transfer Credits* | Credits to take at CSU* |
|--|----------------------|---|-------------------------|-------------------------|
| <b>Major Requirements</b>                                    | <b>39</b>            | <i>UFRED courses must be completed as outlined below:</i>   | <b>15</b>               | <b>24</b>               |
| ENV 4303 Environmental Technology                            | 3                    |   |                         | 3                       |
| FIR 4311 Fire Prevention and Code Enforcement                | 3                    |   |                         | 3                       |
| OSH 2301 Introduction to Workplace Safety                    | 3                    | OHS 2523 Hazard Identification, Risk Assessment, and Control II   | 3                       |                         |
| OSH 3301 Fundamentals of Occupational Safety and Health      | 3                    | The following UFred courses must be combined for transfer credit to CSU's OSH 3301: <ul style="list-style-type: none"> <li>OHS 1002 Introduction to Occupational Health and Safety (1.5)</li> <li>OHS 1532 Incident Investigation and Response (1.5)</li> </ul> | 3                       |                         |
| OSH 3302 Legal Aspects of Safety and Health                  | 3                    | BUSI 1813 Law and Ethics  | 3                       |                         |
| OSH 3304 Construction Safety                                 | 3                    |   |                         | 3                       |
| OSH 3305 Industrial Ergonomics                               | 3                    |   |                         | 3                       |
| OSH 3308 Interactions of Hazardous Materials                 | 3                    |   |                         | 3                       |
| OSH 3310 Total Environmental Health and Safety Management    | 3                    | OHS 1613 Safety Management Systems  | 3                       |                         |
| OSH 4301 OSHA Standards                                      | 3                    |   |                         | 3                       |
| OSH 4302 Toxicology  | 3                    |   |                         | 3                       |
| OSH 4303 Industrial Hygiene                                  | 3                    | OHS 2443 Industrial/Occupational Hygiene II   | 3                       |                         |
| OSH 4308 Advanced Concepts in Occupational Safety and Health | 3                    |   |                         | 3                       |

| <b>Program Electives</b><br><i>(CSU Course Options)</i>                | <b>18</b> | <b>18 hours from the UFRED courses listed below will complete this requirement:</b>   | <b>18</b> | <b>0</b> |
|--|-----------|---|-----------|----------|
| OSH 3309 Training and Development                                      | 3         | OHS 1213 Safety Training: An Introduction to the Fundamental Principles   | 3         |          |
| ENV 4302 Environmental Strategies                                      | 3         | OHS 1313 Environmental Management   | 3         |          |
|  |           | OHS 1433 Industrial/Occupational Hygiene  | 3         |          |
| OSH 4306 Risk Management   | 3         | OHS 1513 Hazard Identification, Risk Assessment, and Controls   | 3         |          |
|  |           | OHS 1993 Guided Practicum   | 3         |          |
|  |           | OHS 2323 Environmental Management II  | 3         |          |
|  |           | OHS 2623 Safety Management Systems and Measurement Systems II   | 3         |          |
|  |           | OHS 2996 Applied Practicum  | 6         |          |
|  |           | The following UFRED courses may be combined for 3 hours of transfer credit: <ul style="list-style-type: none"> <li>• MGMT 1212 Organizational Behavior I for Occupational Health and Safety (1.5)</li> <li>• MGMT 1222 Organizational Behavior II for Occupational Health and Safety (1.5)</li> </ul> | 3         |          |
|  |           | 2 of the following UFRED courses: <ul style="list-style-type: none"> <li>• OHS 1703 Fire Management (3)</li> </ul>  | 6         |          |
|  |           | • OHS 1503 Fundamentals of Auditing (3)   |           |          |
|  |           | • OHS 2223 Training II (3)  |           |          |
|  |           | • DISM 1113 Disability Management Essential Program Elements (3)  |           |          |
| OSH 3306 Workers' Compensation   | 3         | • DISM 1103 Introduction to Disability Management (3)   |           |          |
| ENV 3301 Assessing Environmental Science                               | 3         |   |           |          |
| FIR 2302 Principles of Fire and Emergency Services Safety and Survival | 3         |   |           |          |
| OSH 2302 Introduction to Regulatory Compliance                         | 3         |   |           |          |
| OSH 2303 Hazardous Materials Safety                                    | 3         |   |           |          |
| OSH 2304 Introduction to Contractor Safety                             | 3         |   |           |          |
| OSH 2305 Fleet and Driver Safety                                       | 3         |   |           |          |

| OSH 4304 Process Safety Management                        | 3                    |   |                         |                         |
|---|----------------------|---|-------------------------|-------------------------|
| OSH 4305 Accident Investigation                           | 3                    |   |                         |                         |
| CSU Degree Requirements                                   | CSU Required Credits | UFRED Transfer Courses*   | UFRED Transfer Credits* | Credits to take at CSU* |
| Open Electives  | 33                   | <i>The following UFRED courses <u>and</u> 3 CSU courses will satisfy this requirement:</i>  | 24                      | 9                       |
|   |                      | MATH 1103 Introduction to Math and Statistics   | 3                       |                         |
|   |                      | SCI 1003 Introduction to Chemistry and Biology  | 3                       |                         |
|   |                      | Left over approved UFRED credit from CSU Program Electives  | 18                      |                         |
| CSU General Education Requirements                        | CSU Required Credits | UFRED General Education Courses   | UFRED Transfer Credits* | Credits to take at CSU* |
| General Education   | 30                   | <i>To receive the full general education transfer credit, UFRED General Education courses must be completed as outlined below.</i><br><br><i>Certain CSU degree programs have required prerequisite courses that may affect the amount of credit transferred.</i> | 3                       | 27                      |
| <b>CSU General Education Degree Category Requirements</b> |                      |   |                         |                         |
| Humanities and Fine Arts - Group A                        | 3                    | -   |                         |                         |
| Humanities and Fine Arts - Group B                        | 3                    | COMM 1303 Introduction to Communications for Occupational Health and Safety (3)**<br>○ <i>Transfers to CSU's COM 2301 Professional Communication</i>  |                         |                         |
| Social/Behavioral Sciences                                | 3                    | -   |                         |                         |
| History   | 3                    | -   |                         |                         |
| Natural Sciences  | 9                    | -   |                         |                         |

|   |     |   |    |    |
|---|-----|---|----|----|
| <i>Non-Majors Biology, General Chemistry I, and Physics I are required.</i>         |     |   |    |    |
| <b>Mathematics</b><br><i>College Algebra or higher is required.</i>                 | 3   | - |    |    |
| <b>English Composition</b>  | 6   | - |    |    |
| <b>Total Credits Required Bachelor of Science in Occupational Safety and Health</b> | 120 |   | 60 | 60 |

\* Transfer Credit/General Notes:

- UFRED General Education courses that do not satisfy CSU's General Education categories will be reviewed for Open Electives credit, if applicable.
- Math and English Composition courses must earn a grade of C or higher.
- Direct transfer credit for all degree categories must be a minimum of three credit hours, except in the Open Electives category. In cases where four or more credits are earned, the remaining credit will be reviewed for Open Electives category, if applicable.
- Duplicate transfer credit is not permitted.
- Credit awarded is subject to degree requirements at the time of enrollment and current transfer credit policy, which are subject to change.
- The total transfer credit amount assumes maximum UFRED general education transfer towards CSU general education requirements. Actual number of transfer credit hours awarded (and therefore the number of hours to be completed at CSU) will be based on actual courses completed successfully at UFRED for which there exists a CSU equivalent and could be more or less than the number of transfer credits in the example above.

\*\* CSU's Humanities and Fine Arts-Group A requires three credit hours concentrated in Art, Literature, Religion, Music, Ethics, or Philosophy. Humanities and Fine Arts-Group B requires three credit hours in any of the aforementioned topics, Critical Thinking, Foreign Language, Speech, or select Communications courses.

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