<table>
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<th>Competency</th>
<th>Course number(s) and name(s)</th>
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| 1. Identify and assess agents, factors, and stressors generated by unit operations on workplace safety | EHS 502: Environmental Monitoring and Analysis  
EHS 522: Introduction to Occupational Safety  
EHS 653: Applied Exposure Assessment |
| 2. Describe qualitative and quantitative aspects of generation of agents, factors, and stressors | EHS 655: Control of Occupational Exposures  
EHS 653: Applied Exposure Assessment |
| 3. Understand and explain the physiological and/or toxicological interactions of physical, chemical, biological, and ergonomic agents, factors, and/or stressors with the human body | EHS 510: Physical Exposures  
EHS 553: Toxicology and Chemical Exposures |
| 4. Assess chemical exposure assessments and dose-response based on applicable pathways and modes of entry | EHS 553: Toxicology and Chemical Exposures  
EHS 653: Applied Exposure Assessment |
| 5. Recommend and evaluate engineering, administrative, and personal protective equipment controls and/or other interventions to reduce or eliminate hazards. | EHS 510: Physical Exposures  
EHS 653: Applied Exposure Assessment  
EHS 655: Control of Occupational Exposures |