

Murray State University, Jesse D. Jones College of Science, Engineering and Technology, Occupational Safety & Health Program  
Multi-Criteria Selection Process

Applicants, who have completed a minimum of 30 credit hours of coursework that can be directly applied to an OSH degree; applicable courses are OSH University Studies requirements, required core courses, non-restricted OSH classes at the 100-, 200- and 300-levels, and OSH Technical Electives, with the highest ranking in Criteria 1-3 will receive Provisional Acceptance and be notified by MSU student email. Admission will be offered to the applicants with the highest ranking “*Admission Score*”, whose documentation supports the information provided in the application.

Criteria	Maximum Points for Criteria	Point Distribution																																							
<p><b>1. GPAi</b> Overall Grade Point Average (GPA) on a scale of 0.00 to 4.00 multiplied by a factor of 3 (i.e. GPA x 3)</p>	<b>12.00</b>	Lowest = 0.00 = 3 x 0.00 = 0.00 Highest = 4.00 = 3 x 4.00 = 12.00																																							
<p><b>2. ESSAYi</b> OSH Admission Essay assessed by the selection committee on a scale of 0 to 4 with “0” being the lowest and “4” the highest assigned score. This score will then be multiplied by a factor of 2.</p>	<b>8.00</b>	Lowest = 0.00 x 2 = 0 Highest = 4.00 x 2 = 8.00																																							
<p><b>3. SMi</b> The OSH Required Science &amp; Math Course Index (SMi) will be calculated using the grades earned for each of the following required science and math courses for OSH degree satisfaction. Courses (Credits) include:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr> <td style="width: 20%; padding: 5px;"> <ul style="list-style-type: none"> <li>• BIO 101 (4)</li> <li>• CHE 105 (4)</li> <li>• MAT 135 (4)</li> <li>• MAT 230 (5)</li> <li>• PHY 125 (4)</li> <li>• PHY 126 (1)</li> </ul> </td> <td style="padding: 5px;">                     The SMi will be calculated as follows.   <math display="block">\frac{\sum(Credits \times Grade \ Points)}{\sum Credits}</math> </td> </tr> </table> <p>Where Grade Points (GP) will be assigned in accordance with grade earned as follows;</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <tr> <td style="text-align: center; padding: 2px 10px;"><b>A = 4</b></td> <td style="text-align: center; padding: 2px 10px;"><b>B = 3</b></td> <td style="text-align: center; padding: 2px 10px;"><b>C = 2</b></td> <td style="text-align: center; padding: 2px 10px;"><b>D = 1</b></td> <td style="text-align: center; padding: 2px 10px;"><b>E = 1</b></td> </tr> </table>	<ul style="list-style-type: none"> <li>• BIO 101 (4)</li> <li>• CHE 105 (4)</li> <li>• MAT 135 (4)</li> <li>• MAT 230 (5)</li> <li>• PHY 125 (4)</li> <li>• PHY 126 (1)</li> </ul>	The SMi will be calculated as follows.  $\frac{\sum(Credits \times Grade \ Points)}{\sum Credits}$	<b>A = 4</b>	<b>B = 3</b>	<b>C = 2</b>	<b>D = 1</b>	<b>E = 1</b>	<b>4.00</b>	Lowest = 0.00 Highest = <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr style="background-color: #003366; color: white;"> <th>Course</th> <th>Crdt</th> <th>GP</th> <th>Crdt x GP</th> </tr> </thead> <tbody> <tr><td>BIO 101</td><td style="text-align: center;">4</td><td style="text-align: center;">4</td><td style="text-align: center;">16</td></tr> <tr><td>CHE 105</td><td style="text-align: center;">4</td><td style="text-align: center;">4</td><td style="text-align: center;">16</td></tr> <tr><td>MAT 135</td><td style="text-align: center;">4</td><td style="text-align: center;">4</td><td style="text-align: center;">16</td></tr> <tr><td>MAT 230</td><td style="text-align: center;">5</td><td style="text-align: center;">4</td><td style="text-align: center;">20</td></tr> <tr><td>PHY 125</td><td style="text-align: center;">4</td><td style="text-align: center;">4</td><td style="text-align: center;">16</td></tr> <tr><td>PHY 126</td><td style="text-align: center;">1</td><td style="text-align: center;">4</td><td style="text-align: center;">4</td></tr> <tr><td>Sum</td><td style="text-align: center;">22</td><td style="background-color: black;"></td><td style="text-align: center;">88</td></tr> </tbody> </table> $Highest \ SMi = \frac{\sum(Credits \times Grade \ Points)}{\sum Credits}$ $Highest \ SMi = \frac{88}{22} = 4.00$	Course	Crdt	GP	Crdt x GP	BIO 101	4	4	16	CHE 105	4	4	16	MAT 135	4	4	16	MAT 230	5	4	20	PHY 125	4	4	16	PHY 126	1	4	4	Sum	22		88
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