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**Master of Science  
Ergonomics & Safety Option**

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<b><u>MS in Mechanical Engineering</u></b>		<b><u>MS</u></b>
<b>Course No.</b>	<b>Course Name</b>	<b>Credits</b>
ME 6100	Ergonomics	3
ME 6110	Introduction to Industrial Safety	3
ME 6030	<u>or</u> Reliability	3
ME 6040	<u>or</u> Quality Assurance	
ME 6960	Independent Study (1 to 3)	
ME 6120	Human Factors Engineering	3
ME 6960-3	Occupational Safety and Health Solutions	3
ME 6960-4	Work Physiology and Occupational Heat Stress	2
ME 7XXX	Technical Elective (ME 7110, Systems Safety required unless waived based on past education/experience)	3
FPMD 6750	OHS (Industrial Hygiene)	2
FPMD 6100	<u>or</u> Introduction to Biostatistics	3
ESS 6560	Experimental Design and Analysis	
FPMD 6754	<u>or</u> Noise and Other Physical Agents	2
FPMD 6753	Industrial Ventilation	
FPMD 6759	Occupational Safety & Health Field Trips	1
Subtotal Course Hours		28
ME 6970	Project	--
ME 6975	Thesis	9
Total Semester Hours		37