




College of Engineering Pathways

Industrial & Systems Engineering 2013-2014 Plan

	Curriculum Pathway	Research Pathway	Internship Pathway	Co-op Pathway					
Milestone Year-1									
<input type="checkbox"/> 32 hours completed including: MA 171, CH 121/125, FYE 101, EH 101, ISE 124			<input type="checkbox"/> Meet with Faculty to discuss pathway choices <input type="checkbox"/> Meet with Career Development <input type="checkbox"/> Attend Career Services Workshop on Resume <input type="checkbox"/> Outline Resume <input type="checkbox"/> Participate in Career Fair						
MA 172, PH 111/114, CPE 112, EH 102, HSBS/HFA									
Milestone Year-2									
<input type="checkbox"/> 64 hours completed including: MA 201, PH 112/115, ISE 390, ISE 321, Sci Elec			<input type="checkbox"/> Meet with Faculty for Undergraduate research opportunities						
MA 238, MAE 271, ISE 391, MA 244, MAE/CE 111			<input type="checkbox"/> Attend Career Services Workshop on Interviews <input type="checkbox"/> Professional Resume <input type="checkbox"/> Attend Career Fair <input type="checkbox"/> Co-op/Internship Offer (Summer Start)						
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Research Pathway</p> </div> <div style="text-align: center;">  <p>Internship Pathway</p> </div> <div style="text-align: center;">  <p>Co-op Pathway</p> </div> </div>									
Milestone Year-3									
Research Pathway <input type="checkbox"/> 95 hours completed including: MAE 341, ISE 340, ISE 324, MAE 370, HSBS/HFA EE 213, ISE 423, ISE 327, HSBS/HFA, Tech Elec <input type="checkbox"/> Undergraduate Research <input type="checkbox"/> Attend JUMP Information Session		Internship Pathway <input type="checkbox"/> 95 hours completed from Curriculum Pathway <input type="checkbox"/> Summer Internship		Co-op Pathway <input type="checkbox"/> Obtain Faculty Mentor <input type="checkbox"/> 91 hours completed including: Work Semester (Summer) ISE 340, ISE 324, ISE Elec, HSBS/HFA, HSBS/HFA Work Semester (Spring) EE 213, MAE 341, MAE 370, Free Elec <input type="checkbox"/> 2 Semesters of Co-op					
Milestone Year-4									
Research Pathway <input type="checkbox"/> 127 hours completed including: ISE 430, ISE 447, ISE 428, ISE Elec, HSBS/HFA ISE 429, ISE 433, Free Elec, ISE Elec, ISE Elec, HSBS/HFA <input type="checkbox"/> Undergraduate Research Complete <input type="checkbox"/> Senior Design Complete <input type="checkbox"/> Degree Complete <input type="checkbox"/> Begin Career or Graduate School		Internship Pathway <input type="checkbox"/> 127 hours completed from Curriculum Pathway <input type="checkbox"/> Summer Internship <input type="checkbox"/> Senior Design Complete <input type="checkbox"/> Degree Complete <input type="checkbox"/> Begin Career or Graduate School		Co-op Pathway <input type="checkbox"/> 103 hours completed including: Work Semester (Fall) ISE 423, ISE 327, Tech Elec, HSBS/HFA Work Semester (Summer) <input type="checkbox"/> Experiential Learning complete <input type="checkbox"/> Decision on Industry or Graduate School					
Milestone Year-5									
				Co-op Pathway <input type="checkbox"/> 127 hours completed including: ISE 447, ISE 428, ISE 430, HSBS/HFA ISE 429, ISE 433, ISE Elec, ISE Elec <input type="checkbox"/> Senior Design Complete <input type="checkbox"/> Degree Complete <input type="checkbox"/> Begin Career or Graduate School					
		<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">Required</td> <td style="width: 15px; height: 15px; background-color: yellow;"></td> </tr> <tr> <td style="padding: 2px;">Recommended</td> <td style="width: 15px; height: 15px; background-color: #a0c0e0;"></td> </tr> </table>		Required		Recommended			
Required									
Recommended									