


College of Engineering Pathways

Chemical Engineering 2013-2014 Plan

	Curriculum Pathway	Research Pathway	Internship Pathway	Co-op Pathway					
Milestone Year-1									
<input type="checkbox"/> 34 hours completed including: MA 171, CH 121/125, CHE 197, HSBS/HFA, FYE 101, EH 101			<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, CHE 198, CH 123/126, EH 102									
Milestone Year-2									
<input type="checkbox"/> 64 hours completed including: MA 201, PH 112/115, CH 331/335, HSBS/HFA MA 238, CH 332, MAE 271 BYS 311, CHE 244			<input type="checkbox"/> Meet with Faculty for Undergraduate research opportunities <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)						
									
Milestone Year-3									
Research Pathway <input type="checkbox"/> 99 hours completed including: MAE 310, CHE 347, CH 341, CHE 294, CHE 295, CHE Conc 1 EE 213, CHE 342, CHE 344, HSBS/HFA, HSBS/HFA, Free Elec <input type="checkbox"/> Undergraduate Research <input type="checkbox"/> Attend JUMP Information Session		Internship Pathway <input type="checkbox"/> 99 hours completed from Curriculum Pathway <input type="checkbox"/> Summer Internship		Co-op Pathway <input type="checkbox"/> Obtain Faculty Mentor <input type="checkbox"/> 90 hours completed including: Work Semester (Summer) CHE 347, CH 341, CHE 294, CHE 295, CHE Conc 1 (Fall) Work Semester (Spring) MAE 310, CHE 344, HSBS/HFA (Summer) <input type="checkbox"/> 2 Semesters of Co-op					
Milestone Year-4									
Research Pathway <input type="checkbox"/> 128 hours completed including: CHE 443, CHE 446, CHE 441, CHE 439, CHE Conc 2 CHE 485, CHE 448, CHE 445 CHE 440, CHE Conc 3, 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"/> 128 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"/> 100 hours completed including: Work Semester (Fall) CHE 342, EE 213, Free Elec, HSBS/HFA, HSBS/HFA (Spring) 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"/> 129 hours completed including: CHE 433, CHE 446, CHE 441 CHE 439, CHE Conc 2 CHE 485, CHE 448, CHE 445, CHE 440, HSBS/HFA, CHE Conc 3 <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: 20px; height: 15px; background-color: yellow;"></td> </tr> <tr> <td style="padding: 2px;">Recommended</td> <td style="width: 20px; height: 15px; background-color: lightblue;"></td> </tr> </table>		Required		Recommended			
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Recommended									