

# CHEMICAL ENGINEERING

Curriculum for Spring Semester Junior Co-op  
For Students Entering AFTER June 2010 and BEFORE June 2014

First & Second Years	Third Year (Junior)		Forth Year (Senior)		Fifth Year
	Fall <sup>1</sup>	Spring <sup>1</sup>	Fall	Spring	
<p>For your Freshman and Sophomore years, students should follow the appropriate flow chart based on your year of graduation.</p>	<input type="checkbox"/> (3) ENGIN 351 <sup>4</sup>	<b>C</b>	<input type="checkbox"/> (1) ChE 491A Professional Seminar	<input type="checkbox"/> (3) ChE 333 Heat and Mass Transfer	<input type="checkbox"/> (4) ChE 401* Senior Lab
	<input type="checkbox"/> (3) ChE 320 Kinetics	<b>O</b>	<input type="checkbox"/> (3) Technical Elective <sup>5</sup>	<input type="checkbox"/> (3) ChE 338 Separations	<input type="checkbox"/> (3) ChE 444 Chem Process Design I
	<input type="checkbox"/> (3) ChE 325 Thermo II	<b>O</b>	<input type="checkbox"/> (3) Technical Elective <sup>5</sup>	<input type="checkbox"/> (3) ChE 361 Mathematical Modeling	<input type="checkbox"/> (3) ChE 446 Process Control
	<input type="checkbox"/> (3) ChE 330 Fluid Mechanics	<b>P</b>	<input type="checkbox"/> (3) Adv CHEM Elective <sup>3</sup>	<input type="checkbox"/> (4) ChE 402	<input type="checkbox"/> (3) Technical Elective <sup>5</sup>
	<input type="checkbox"/> (1) ChE 391A Professional Seminar		<input type="checkbox"/> (4) Social World Elective <sup>2</sup>	<input type="checkbox"/> (4) Social World Elective <sup>2</sup>	
	<input type="checkbox"/> (3) ChE 475 (PChem)				
63 Credits	16 Credits		14 Credits	17 Credits	16 Credits

\* Completion of a General Education Integrative Experience (IE) course is a senior year requirement for all students who entered the University after June 2010. ChE 401 will fulfill the IE requirement.

**Note: This alternative schedule only applies to those students who have a valid co-op registered through the Field Experience Office.**