

## Curriculum and Course Descriptions

### 1. Degree Plan

Course #	Title	LT	LB	CR	
<b>First Semester</b>					
CHE 555	Industrial Fluidized Bed Chemical Reactor Design	3	0	3	
CHE 532	Heterogeneous Catalysis	3	0	3	
CHEM 537	Polymer Synthesis	3	0	3	
CHE 541	Polymer Processing	3	0	3	
		<b>12</b>	<b>0</b>	<b>12</b>	<b>12</b>
<b>Second Semester</b>					
CHE 528	Crude Oil to Chemicals	3	0	3	
CHE 565	Modeling of Petroleum and Petrochemical Fluids	3	0	3	
CHE 568	Petrochemical Processes Design & Simulation	3	0	3	
CHE 619	Project	0	0	IP	
		<b>9</b>	<b>0</b>	<b>9</b>	<b>9</b>
<b>Summer Semester</b>					
CHE 558	Quantitative Process Risk Analysis	3	0	3	
CHE 619	Project	0	0	6	
		<b>0</b>	<b>0</b>	<b>9</b>	<b>9</b>
					<b>30</b>