

## 2019-2020 Graduate Chemical Engineering Curricula



ME  
cr hrs  
**32**

v190103

MS  
cr hrs  
**32**



Ph D  
cr hrs  
**54**

Year	Course	Credits	Course	Credits	Course	Credits	Track	Credits	Track	Credits	Track	Credits			
Year 1	<b>CHME 501</b> Thermodynamics	3	<b>CHME 516</b> Numerical Methods	3	<b>GRAD Elec</b> Grad/MECPI elective	3	ME Track	9	MS Track	9	Ph D Track	9			
	<b>CHME 506</b> Transport Phenomena	3	<b>CHME 542</b> Reaction Engineering	3	<b>CHME 594</b> Communication	2	<b>CHME 595</b> CP Design/Bus Anal.	3	<b>CHME 599</b> Thesis Research	1	<b>CHME 690</b> CHME Seminar	1			
Year 2	<b>CHME Elec</b> CHME elective	3	<b>GRAD Elec</b> Graduate elective	3	<b>MECPI Elec</b> MECPI elective	3	<b>CHME 596</b> CPI Research	1	<b>CHME 599</b> Thesis Research	3	<b>CHME 698</b> Ph D Research II	3			
	<b>GRAD Elec</b> Graduate elective	3	<b>GRAD Elec</b> Graduate elective	3	<b>MECPI Elec</b> MECPI elective	3	<b>CHME 597</b> Adv CPI Analysis	2	<b>CHME 599</b> Thesis Research	2	<b>CHME 698</b> Ph D Research II	3			
Year 3	<b>Electives</b> Full Time Status	3	<b>Not counted in total credit hour requirement</b>									<b>CHME 698</b> Ph D Research II	6	9	
	Notes: (1) Comprehensive exam shown to coincide with completion of CHME 698. Begin taking CHME 700 after passing the comprehensive exam. Faculty advisor will permit scheduling of comprehensive exam only when student has a defensible research plan. Deviations from the shown schedule may result in the the need to take more CHME 698 than the minimum. (2) See detailed written procedures /timelines concerning qualifying, comprehensive, & final oral exams on CHME website. (3) Student may need to register for dissertation credit hours of CHME 700 beyond the minimum or take classes beyond their degree program to reach full time status in some semesters. (4) Gray entries required of all degree paths.												<b>CHME 700</b> Ph D Research III	9	9
Year 4													<b>CHME 700</b> Ph D Research III	3	3