

Chemical Engineering Teaching Schedule, 2016-2017

<i>CRSE</i>	<i>COURSE TITLE</i>	<i>FALL</i>	<i>WINTER</i>	<i>SPRING</i>
		Time/Days Professor	Time/Days Professor	Time/Days Professor
190	Engineering of Chemical and Biological Processes			
210	Analysis of Chemical Process Systems	1 MTWF Lab 2-4, 4-6 M or 3-5T Amaral		9 MTWF Lab 12-2, 2-4, 4-6 M Jewett
211	Thermodynamics	1 MTWF Kung	1 MTWF Tullman- Ercek	
212	Phase Equilibrium and Staged Separations		1 MTWF Broadbelt	2 MTWF Dranoff
275	Molecular and Cell Biology for Engineers		3-4:50 TTh Stringer	
307	Kinetics and Reactor Engineering			10 MTWF Bagheri 1 MTWF Maher
312	Probability and Statistics for Chemical Engineering		2-3:50 MW?? Bagheri	
321	Fluid Mechanics	2 MTWF Burghardt		
322	Heat Transfer		11 MTWF Wang	
323	Mass Transfer			3 MTWF Tyo
330	Molecular Engineering and Statistical Mechanics			
341	Dynamics and Control of Chemical and Biological Processes		10 MTWF Leonard	
342	Chemical Engineering Laboratory	9-5:20 Th Maher	9-5:20 Th Maher	9-5:20 Th Maher
345	Process Optimization for Energy and Sustainability		9 MTWF Dallbaumann	
351	Process Economics, Design, and Evaluation	12 MTWF Cole	12 MTWF Cole	
352	Chemical Engineering Design Projects		3-5:50 T Dranoff/ Wegerer	3-5:50 W Kung/ Wegerer
355	Chemical Product Design			11 MWF Notestein
361	Introduction to Polymers	10 MTWF Torkelson		
364	Chemical Processing and the Environment			
365	Sustainability, Technology, and Society	3 MWF Kung		
367	Quantitative Methods in Life Cycle Analysis			4-5:20 TTh Dallbaumann
371	Transport Phenomena in Living Systems			

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372	Bionanotechnology		2 MWF Kourkine	
373	Biotechnology and Global Health	3 MWF Tyo		

375	Biochemical Engineering		9 MTWF Jewett	
376	Synthetic Biology	9 MTWF Jewett		
377	Bioseparations			10 MTWF Kourkine
379	Computational Biology: Principles and Applications			9 MTWF Leonard
390	Personal and Organizational Effectiveness			
395	Special Topics in Chemical Engineering	5:30-6:30 M Lab M 6:30-8:30pm or W 5:30-7:30pm Russin¹		6-7:50 MW Felse²
404	Advanced Thermodynamics		11-12:50 MW Lucks	
406	Selected Topics in Thermodynamics			4-5:20 WF Ryskin
408	Chemical Engineering Kinetics and Reactor Design	11 MTWF Notestein		
409	Advanced Reactor Design			
410	Principles of Heterogeneous Catalysis			
421	Fluid Mechanics	4-5:20 MWF Ryskin		
422	Heat and Mass Transfer		4-5:20 MWF Ryskin	
438	Interdisciplinary Nonlinear Dynamics			
451	Applied Molecular Modeling			
462	Viscoelasticity and Flow in Polymer Systems			
463	Polymerization Reaction Engineering			
475	Cell-Material Interactions			
477	Bioseparations			10 MTWF Kourkine
478	Advances in Biotechnology			12-1:50 W 1-1:50 F Miller
479	Cell Culture and Ex Vivo Tissue Engineering			
489	Selected Topics in Chemical Engineering			

¹ Practical Biological Imaging (Fall Quarter – Prof. Russin)

² Biotechnology Regulatory Science (Spring Quarter – Prof. Felse)