

## Chemical Engineering - Elective Offerings

Subject to Change

Academic Year 2018-2019		
Fall 2018	Winter 2019	Spring 2019
ChEn 400 - Creativity (1 hr)	ChEn 410 - Petroleum Eng. (3 hrs)	ChEn 578 - Polymer Science (3 hrs)
ChEn 433 - Energy Eng (3 hrs)	ChEn 412 - Nuclear Engineering (3 hrs)	ChEn 641 - Combustion Modeling (3 hrs)
ChEn 481 - Semiconductors (3 hrs)	EngT 497R - Global Eng. Outreach (2 hrs)	ChEn 693R - Nuclear Design (3 hrs)
EngT 497R - Global Eng. Outreach (1 hr)	ChEn 513 - Molecular Modeling (3 hrs)	
	ChEn 518 - Biomedical Eng (3 hrs)	
	MeEn 522* - Combustion (3 hrs)	
	ChEn 541 - Numerical Methods (3 hrs)	
	ChEn 687 - Statistics for ChE (3 hrs)	
	ChE 693R - Design Optimization (3 hrs)	

\*Alternates with ChE 633

Academic Year 2019-2020		
Fall 2019	Winter 2020	Spring 2020
ChEn 400 - Creativity (1 hr)	ChEn 410 - Petroleum Eng. (3 hrs)	ChEn 518 - Biomedical Eng (3 hrs)
ChEn 433 - Energy Eng (3 hrs)	ChEn 412 - Nuclear Engineering (3 hrs)	ChEn 593R - Electrochemical Eng (3 hrs)
ChEn 481 - Semiconductors (3 hrs)	EngT 497R - Global Eng. Outreach (2 hrs)	ChEn 687 - Statistics for ChE (3 hrs)
EngT 497R - Global Eng. Outreach (1 hr)	ChEn 519 - Biochemical Eng (3 hrs)	ChEn 733 - Coal Combustion (3 hrs)
	ChEn 578 - Polymer Science (3 hrs)	
	ChEn 633 - Combustion (3 hrs)	
	ChE 693R - Design Optimization (3 hrs)	

Academic Year 2020-2021		
Fall 2020	Winter 2021	Spring 2021
ChEn 400 - Creativity (1 hr)	ChEn 410 - Petroleum Eng. (3 hrs)	ChEn 513 - Molecular Modeling (3 hrs)
ChEn 433 - Energy Eng (3 hrs)	ChEn 412 - Nuclear Engineering (3 hrs)	ChEn 578 - Polymer Science (3 hrs)
ChEn 481 - Semiconductors (3 hrs)	EngT 497R - Global Eng. Outreach (2 hrs)	ChEn 641 - Combustion Modeling (3 hrs)
EngT 497R - Global Eng. Outreach (1 hr)	ChEn 518 - Biomedical Eng (3 hrs)	ChEn 693R - Nuclear Design (3 hrs)
	MeEn 522* - Combustion (3 hrs)	
	ChEn 541 - Numerical Methods (3 hrs)	
	ChEn 687 - Statistics for ChE (3 hrs)	
	ChE 693R - Design Optimization (3 hrs)	

\*Alternates with ChE 633

Academic Year 2021-2022		
Fall 2021	Winter 2022	Spring 2022
ChEn 400 - Creativity (1 hr)	ChEn 410 - Petroleum Eng. (3 hrs)	ChEn 518 - Biomedical Eng (3 hrs)
ChEn 433 - Energy Eng (3 hrs)	ChEn 412 - Nuclear Engineering (3 hrs)	ChEn 593R - Electrochemical Eng (3 hrs)
ChEn 481 - Semiconductors (3 hrs)	EngT 497R - Global Eng. Outreach (2 hrs)	ChEn 687 - Statistics for ChE (3 hrs)
EngT 497R - Global Eng. Outreach (1 hr)	ChEn 519 - Biochemical Eng (3 hrs)	ChEn 733 - Coal Combustion (3 hrs)
	MeEn 522* - Combustion (3 hrs)	
	ChEn 578 - Polymer Science (3 hrs)	
	ChE 693R - Design Optimization (3 hrs)	

\*Alternates with ChE 633