CHEMICAL ENGINEERING (CHE)
Section 1: S-STEM MS-ACCEND and GSPT Changes Indicated

Fall 2014				Spring 2015				Summer 2015			
CHEM	1040	Gen Chemistry I	4	CHEM	1041	Gen Chemistry II	4	**OFF**			
CHEM	1040L	Gen Chem Lab I	1	CHEM	1041L	Gen Chem Lab II	1				
ENED	1020	Engrg Foundations	2	ENED	1030	Statics & BSOM	3				
ENED	1090	Engineering Models I	2	ENED	1091	Engineering Models II	2				
ENGL	1001	English Composition	3	MATH	1062	Calculus II	4				
MATH	1061	Calculus I	4	PD	1011	COOP for CEAS	1				
Total	SH		16	Total	SH		15				
Fall 2015				**Spring 2016**				**Summer 2016**			
Cooperative Education Work Semester				BME	2010	Research Methods	3	**Cooperative Education Work Semester**			
				CHE	2064	Matl & Energy Balance	4				
				CHEM	2040	Organic Chemistry....	4				
				CHEM	2040L	Organic Chem Lab	1				
				ENVE	2093C	Engr Apps of Diff Eqns	2				
				MATH	2074	Dynamical Systems	3				
				COOP	2011	Practice Evaluation					
				Total	SH		17				
Fall 2016				**Spring 2017**				**Summer 2017**			
BME	3071C	Basic Electric Circuits	4	**Cooperative Education Work Semester**				BoK			3
CHE	3022	Transport I	4					BoK			3
CHEM	2041	Organic Chemistry II	4					CHE	3023	Transport II	3
CHEM	2041L	Organic Chem Lab II	1					CHE	3062	Chem Engn Thermo.	4
ENVE	4051	Stats & Reliability	3					ENGL	4092	Technical Writing	3
COOP	2012	Practice Evaluation						COOP	3011	Practice Evaluation	
								ENFD	3020	Undergrad Res I	2
Total	SH		16					Total	SH		18
Fall 2017				**Spring 2018**				**Summer 2018**			
Cooperative Education Work Semester				TECH	ELEC		3	ENFD	5030	Prep Grad Research	1-12
				ENFD	4020	Undergrad Res II	1			OR	
				CHE	4001	UG Seminar	1	ENFD	5020	Undergrad Res III	1-12
				CHE	4061	Separation Processes	3				
				CHE	4062	Chem React Engn	3	Other Coursework			0-11
				CHE	4071	Proc Dynam/Control	3				
				PD	4001	Prof. Development	1	Total	SH		12
				COOP	4011	Practice Evaluation					
				Total	SH		15				
Fall 2018				**Spring 2019**							
BoK			3	BoK			3				
CHE	4037	ChE Lab	4	TRACK	ELEC		3				
CHE	5045	Proc Design I	4	TRACK	ELEC		3				
CHE	5082	Ind Chem Processes	3	CHE	5046	Proc Design II	4				
CHEM	3030	Instrumental Analysis	3	CHE	50XX	UG Seminar	1				
COOP	4012	Practice Evaluation		CHEM	3030L	Instrument Anal Lab.	2				
Total	SH		17	Total	SH		16				

BOK = Breadth of Knowledge -- General Education Requirements

UC's College of Engineering and Applied Science BOK requirements are as follows:

Take one course from any two of the following
- FA Fine Arts
- HP Historical Perspectives
- HU Humanities
- SS Social Sciences

AND Take one course from each of the following
- DC Diversity and Culture
- SE Social and Ethical Issues

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Section 2: S-STEM MS-ACCEND and GSPT Changes Indicated

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MATH	1061	Calculus I	4	PD	1011	COOP for CEAS	1				
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Fall 2015				**Spring 2016**				**Summer 2016**			
BME	2010	Research Methods	3	**Cooperative Education Work Semester**				BME	3071C	Basic Electric Circuits	4
CHE	2064	Matl & Energy Balance	4					CHE	3022	Transport I	4
CHEM	2040	Organic Chemistry....	4					CHEM	2041	Organic Chemistry II	4
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ENVE	2093C	Engr Apps of Diff Eqns	2					ENVE	4051	Stats & Reliability	3
MATH	2074	Dynamical Systems	3					COOP	2012	Practice Evaluation	
COOP	2011	Practice Evaluation									
Total	SH		17					Total	SH		16
Fall 2016				**Spring 2017**				**Summer 2017**			
Cooperative Education Work Semester				BoK			3	**Cooperative Education Work Semester**			
				BoK			3				
				CHE	3023	Transport II	3				
				CHE	3062	Chem Engn Thermo.	4				
				ENGL	4092	Technical Writing	3				
				COOP	3011	Practice Evaluation					
				ENFD	3020	Undergrad Res I	2				
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Fall 2017				**Spring 2018**				**Summer 2018**			
TECH	ELEC		3	**Cooperative Education Work Semester**				ENFD	5030	Prep Grad Research	1-12
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BoK			3	BoK			3				
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