

DATE: 04-15-2019  
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
 DETAILED CURRICULUM REPORT  
 Seattle CAMPUS

REPORT: SR21010-R-01 K  
 PAGE: 1,207

COLLEGE : J - Engineering  
 DEPARTMENT: CHEMICAL ENGR

CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L E E W					RESPONS COURSE	JOINT COURSES	O M I T
				-ALL	U		GRD	E	U	N	E	P	&	N			
CHEM E 198	CAREER PLANNING II CAREER PLANNING II	SPR/1972 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/02/06		APPROVED:11/11/71											
CHEM E 299	UNDERGRAD RESEARCH Undergraduate Research	SPR/2012 - AUT/9999	1.0-03.0	9.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/17/15		APPROVED:12/20/11											
CHEM E 301	LEADERSHIP SEMINAR Leadership Seminar	AUT/2008 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/14/07		APPROVED: 3/13/07											
CHEM E 309	CREAT INNOVATION Creativity and Innovation	AUT/2010 - AUT/9999	2.0	.	.	.	.	.	Y	.	.	.	.	BSE	309	BSE	309
				LAST UPDT: 6/16/10		APPROVED:11/22/82											
				COMMENT:CHG JT STATUS													
CHEM E 310	MATERL & ENRGY BAL Material and Energy Balances	SPR/2011 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/25/11		APPROVED: 3/27/80											
				COMMENT:EMAIL PREQ CHG													
CHEM E 325	ENERGY AND ENTROPY Energy and Entropy	AUT/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/13/12		APPROVED: 6/16/09											
				COMMENT:12-13 PREQ CHG													
CHEM E 326	CH E THERMODYNAMICS Chemical Engineering Thermodynamics	AUT/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/13/12		APPROVED: 2/01/72											
				COMMENT:12-14 PREQ CHG													
CHEM E 330	TRANSPORT PROCESS I Transport Processes I	WIN/2007 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/02/06													
				COMMENT:CHG CRS													
CHEM E 340	TRANSP PROCESS II Transport Processes II	WIN/1990 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/02/06													
				COMMENT:CHG CREDITS													



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				-ALL	U		GRD	E	U	N	E	P	&	N				C	M	S
CHEM E 445	FUEL CELL ENGR Fuel Cell Engineering	SPR/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
				LAST UPDT: 8/25/00		APPROVED: 8/23/00														
CHEM E 450	SLD MTL& CHEM PROC SOLID STATE MATERIALS AND CHEMICAL PROCESSES	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
	COMMENT:12-14 DESC, PREQ CHG			LAST UPDT: 7/13/12		APPROVED: 5/30/91														
CHEM E 455	SURF COLL SCI LAB Surface and Colloid Science Laboratory	WIN/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
	COMMENT:CHG CREDITS, PREQ, DESC			LAST UPDT: 6/17/09		APPROVED: 3/01/80														
CHEM E 457	PRIN MOLECULAR ENGR Principles of Molecular Engineering	SPR/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
				LAST UPDT:12/19/12		APPROVED:12/18/12														
CHEM E 458	SURFACE ANALYSIS Surface Analysis	WIN/1989 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	BIOEN 492	BIOEN 492	.			
				LAST UPDT:10/17/00		APPROVED:12/17/87														
CHEM E 460	POLYCHEM LAB Polymer chemistry Laboratory	SPR/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
				LAST UPDT: 5/11/17		APPROVED: 6/07/16														
CHEM E 461	ELECTROCHEMICAL ENG Electrochemical Engineering	WIN/1993 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
				LAST UPDT:12/14/92		APPROVED: 5/29/92														
CHEM E 465	REACTOR DESIGN Reactor Design	WIN/2008 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
	COMMENT:CHG DESC			LAST UPDT: 6/21/07																
CHEM E 467	BIOCHEMICAL ENGRING Biochemical Engineering	WIN/1988 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	CHEM E467	BIOEN 467	.			
				LAST UPDT:10/04/94		APPROVED:12/17/87														
CHEM E 468	AIR P CONT DESIGN AIR POLUTION CONTROL EQUIPMENT DESIGN	SUM/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	CEE 494	CEE 494	.			
				LAST UPDT:12/11/12		APPROVED: 5/27/82												M E	468	



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				-ALL U	GRD	E	D	U N E	M R E	P & A	N C S	E C M	Q T S N					
CHEM E 497	DESIGN SPEC PROJ Special Projects in Chemical Engineering Design	SPR/1998 - AUT/9999	1.0-06.0	12.0	.	.	11	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 4/24/98		APPROVED: 3/31/98												
CHEM E 498	SPECIAL TOPICS Special Topics in Chemical Engineering	WIN/1980 - AUT/9999	1.0-04.0	12.0	Y	.	.	.	.	.	.	.	.	.	.	.	.	
	COMMENT:RICHLAND ADDED 01-24-1980			LAST UPDT:10/02/06		APPROVED: 6/07/79												
CHEM E 499	UNDERGRAD RESEARCH Undergraduate Research	SPR/1988 - AUT/9999	1.0-06.0	12.0	Y	.	11	.	.	.	.	.	.	.	.	.	.	
	COMMENT:CHG PREQS			LAST UPDT:10/02/06														
CHEM E 510	MATH FOUND SYST THR Mathematical Foundations of Systems Theory	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	E E	510 A A	510	.	
	COMMENT:14-16 PREQ CHG			LAST UPDT: 7/31/14		APPROVED:10/24/91		E E		510		M E		510				
CHEM E 511	BIOMATERIAL SEMINAR Biomaterials Seminar	SPR/2010 - AUT/9999	1.0	18.0	.	CR/NC	.	.	.	.	.	.	.	BIOEN	511	BIOEN	511	
	COMMENT:CHG MAX CREDITS			LAST UPDT: 3/21/16		APPROVED: 1/24/85												
CHEM E 512	METH OF ENGR ANALYS Methods of Engineering Analysis	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 6/09/17		APPROVED: 5/14/97												
CHEM E 514	ADV CHEME LAB Advanced Chemical Engineering Laboratory	WIN/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT:12/17/14		APPROVED:12/16/14												
CHEM E 515	EXPERIMENTL METHODS Experimental Methods in Chemical Engineering Research	AUT/2003 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 6/26/03		APPROVED: 6/25/03												
CHEM E 523	SMNR IN CHEM ENGR Seminar in Chemical Engineering	AUT/1984 - AUT/9999	0.0-01.0	30.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	
	COMMENT:CHG CREDITS, 5/2013 RETRO MAX			LAST UPDT: 5/02/13		APPROVED: 5/23/69												
CHEM E 525	CHEM ENGR THERMDYNM Chemical Engineering Thermodynamics	AUT/1972 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	COMMENT:CHG CREDITS			LAST UPDT:10/02/06														



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				-ALL MAX	U P		GRD SYS	E D	HYPH M	R R	E E	P A	& S	N W			
CHEM E 547	DATA SCI CAPSTONE Data Science Capstone Project	SPR/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	CHEM E547 MSE	547	.	
				LAST UPDT: 1/24/19		APPROVED: 1/22/19											
CHEM E 554	NANOSCALE SCI I Nanoscale Science I: Contact Mechanics and Rheology	SPR/1998 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 1/30/98		APPROVED:10/23/97											
CHEM E 555	INTERFACL PHENOMENA Interfacial Phenomena	WIN/1984 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT:10/02/06		COMMENT:RTRN CHG CREDITS											
CHEM E 556	COLLOIDAL SYSTEMS Colloidal Systems	SPR/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 2/26/14		APPROVED: 3/02/72											
CHEM E 557	RES INTERF COLL SCI RESEARCH IN INTERFACIAL AND COLLOID SCIENCE	AUT/1997 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT:12/11/12		APPROVED: 4/15/97											
CHEM E 558	SURFACE ANALYSIS Surface Analysis	WIN/1985 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	BIOEN 592	BIOEN 592	.	
				LAST UPDT:10/17/00		APPROVED:10/25/84											
CHEM E 560	REACTNS AT SURFACES Reactions at Solid Surfaces	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 7/13/12		APPROVED:12/17/87											
CHEM E 561	ELECTRONS AT SURFS ELECTRONS AT SURFACES	WIN/1997 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT:11/25/96		APPROVED:11/18/96											
CHEM E 564	APPL CHEM KINETICS APPLICATIONS OF CHEMICAL KINETICS	AUT/1982 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT:12/11/12		APPROVED: 2/18/71											
CHEM E 565	KINETIC & CATALYSIS Kinetics and Catalysis	WIN/1978 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 0/00/00													





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CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V	E E W			RESPONS COURSE	JOINT COURSES	O M I T
				-ALL	U		GRD	E	U		N	E	P			
CHEM E 590	ADV BIOMATERIALS Advanced Topics in Biomaterials	SPR/1986 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	BIOEN 590	BIOEN 590	.
				LAST UPDT:10/04/94		APPROVED:11/25/85										
CHEM E 591	ROBOT & CONTR COLL Robotics and Control Systems Colloquium	AUT/1996 - AUT/9999	1.0	30.0	Y	CR/NC	.	.	.	.	.	.	.	A A	591 A A	591 .
				LAST UPDT: 5/16/13		APPROVED:10/27/93								E E 591 M E 591		
CHEM E 593	ADV SURFACE ANLYS Advanced Surface Analysis	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	BIOEN 593	BIOEN 593	.
				LAST UPDT: 4/18/12		APPROVED: 4/17/12										
CHEM E 599	CURRENT TPCS CH E Current Topics in Chemical Engineering	WIN/2009 - AUT/9999	1.0-05.0	12.0	Y	.	.	.	.	.	.	.	.			.
				LAST UPDT:11/19/08		COMMENT:CHG CREDITS										
CHEM E 600	INDEPENDNT STDY/RSH Independent Study or Research	SPR/1972 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.			.
				LAST UPDT: 8/02/13		APPROVED:11/01/74										
CHEM E 700	MASTERS THESIS Master's Thesis	AUT/1967 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.			.
				LAST UPDT: 4/19/10		APPROVED:11/01/74										
CHEM E 800	DOCTORAL DISSERTATN Doctoral Dissertation	SUM/1976 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.			.
				LAST UPDT: 4/19/10		APPROVED: 1/01/70										

