

DATE: 07-02-2018
 TIME: 20:10:32

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
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COLLEGE : C - Arts & Sciences
 DEPARTMENT: CHEMISTRY

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		U N E	P	& N C M S N	A	S	W	T	P				R	G
CHEM 110	PREP GEN CHEM Preparation for General Chemistry	AUT/2017 - AUT/9999	3.0-05.0	.	CR/NC	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 3/31/17 APPROVED:10/24/91													
CHEM 120	PRINCIPLES OF CHEM I Principles of Chemistry I	AUT/2017 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.	.
				LAST UPDT: 3/01/18 FEE TYPE:1 \$70.00 BUDGET:069318 REV OBJ CD:943081													
CHEM 142	GENERAL CHEMISTRY General Chemistry	WIN/2018 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.	.
				LAST UPDT: 3/01/18 APPROVED: 2/14/97 FEE TYPE:1 \$70.00 BUDGET:069318 REV OBJ CD:943081													
CHEM 143	ACCELERATD GEN CHEM Accelerated General Chemistry	AUT/2017 - AUT/9999	6.0	.	.	.	.	.	.	.	.	.	.	.	Y	.	.
				LAST UPDT: 4/13/17 APPROVED: 4/22/16													
CHEM 144	ADV GENERAL CHEM ADVANCED GENERAL CHEMISTRY	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.	.
				LAST UPDT: 7/31/12 APPROVED: 6/16/09 FEE TYPE:1 \$55.00 BUDGET:069318 REV OBJ CD:943081													
CHEM 145	H-GENERAL CHEMISTRY Honors General Chemistry	AUT/2013 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.	.
				LAST UPDT: 3/01/18 COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$70.00 BUDGET:069318 REV OBJ CD:943081													
CHEM 152	GENERAL CHEMISTRY General Chemistry	WIN/2018 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.	.
				LAST UPDT: 3/01/18 APPROVED: 2/14/97 FEE TYPE:1 \$70.00 BUDGET:069318 REV OBJ CD:943081													
CHEM 153	AACELERATD GEN CHEM Accelerated General Chemistry	WIN/2017 - AUT/9999	6.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 5/02/17 APPROVED: 4/22/16													
CHEM 154	ADV GENERAL CHEM ADVANCED GENERAL CHEMISTRY	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.	.
				LAST UPDT: 7/31/12 APPROVED: 6/16/09 FEE TYPE:1 \$55.00 BUDGET:069318 REV OBJ CD:943081													

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				-ALL	U		GRD	E	U	N	E	P	&	N			
CHEM 452	PHYS CHEM BIOC I Physical Chemistry for Biochemists I	AUT/2014 - AUT/9999	3.0	Y
	COMMENT:14-16 DESC CHG																
CHEM 453	PHYS CHEM BIOC II Physical Chemistry for Biochemists II	WIN/2000 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
CHEM 454	BIOMOLE SPECTROSCOPY Introduction to Biomolecular Spectroscopy	SPR/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
CHEM 455	PHYSICAL CHEMISTRY Physical Chemistry	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
	COMMENT:12-14 PREQ CHG																
CHEM 456	PHYSICAL CHEMISTRY Physical Chemistry	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
	COMMENT:12-14 PREQ CHG																
CHEM 457	PHYSICAL CHEMISTRY Physical Chemistry	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG																
CHEM 458	AIR POLLUTION CHEM Air Pollution Chemistry	AUT/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	ATM S 458	ATM S 458
	COMMENT:CHG TITLES, PREQ, DESC																
CHEM 460	SPECT MOLEC IDENT Spectroscopic Molecular Identification	AUT/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
CHEM 461	PHYS CHEM LAB Physical Chemistry Laboratory	SPR/2007 - AUT/9999	3.0	.	.	.	.	.	Y	.	Y	.	.	.	.	.	.
	COMMENT:CHG CREDITS, PREQ																

LAST UPDT: 3/01/18 APPROVED: 7/01/71
 FEE TYPE:1 \$70.00 BUDGET:069318 REV OBJ CD:943081

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
CHEM 486	ELEC DYN ORG INORG Electronic Dynamics in Organic and Inorganic Materials	WIN/2015 - AUT/9999	3.0
				LAST UPDT: 9/17/14		APPROVED: 9/16/14											
CHEM 491	ADV STUDY ABROAD Study Abroad - Advanced Chemistry	SPR/2007 - AUT/9999	1.0-15.0	15.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/24/07		APPROVED: 1/24/07											
CHEM 496	UG RES SEMINAR RESEARCH SEMINAR FOR UNDERGRADUATES	WIN/2004 - AUT/9999	1.0	2.0	.	CR/NC	.	.	.	.	.	.	.	CHEM 496 BIOC	496	.	.
				LAST UPDT:10/27/03		APPROVED: 6/21/99											
				COMMENT:EMAIL PREREQ CHANGE													
CHEM 498	TEACHING CHEMISTRY Teaching Chemistry	WIN/1992 - AUT/9999	3.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/23/14		APPROVED: 9/27/91											
CHEM 499	UG RES/REPORT WRTG Undergraduate Research and Report Writing	AUT/1985 - AUT/9999	0.0	12.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/11/94													
CHEM 500	GRNT PRPS & SCI WRT Grant Proposal and Scientific Writing	AUT/2013 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/17/13		APPROVED: 9/17/13											
CHEM 501	READINGS IN CHEM Readings in Chemistry	WIN/1997 - AUT/9999	1.0	9.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/15/97		APPROVED:12/31/96											
CHEM 502	PRACTICAL NMR PRACT NMR METH FOR BIOL & ORG STRUCT ELUCIDATION	WIN/1991 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 0/00/00		APPROVED:10/01/89											
CHEM 508	ADV INORGANIC CHEM Advanced Inorganic Chemistry	SPR/1972 - AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 0/00/00													
CHEM 510	CRNT PRBS INOR CHEM Current Problems in Inorganic Chemistry	WIN/2006 - AUT/9999	3.0	9.0	Y
				LAST UPDT: 8/18/05		APPROVED:12/01/87											
				COMMENT:CHANGE CREDITS													

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						-ALL	U		GRD	E	U	N	E	P	&	N			
CHEM	516	TRANSITION METALS Transition Metals	AUT/2015 -	AUT/9999	3.0
						LAST UPDT: 9/17/15		APPROVED: 9/15/15											
CHEM	517	ORGANOMETALLICS Organometallics	WIN/2016 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:10/21/15		APPROVED:10/20/15											
CHEM	520	CRNT PRB ANLYT CHEM Current Problems in Analytical Chemistry	WIN/2006 -	AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/18/05		COMMENT:CHANGE CREDITS											
CHEM	521	ELECTROCHEMISTRY Analytical Electrochemistry	SPR/1986 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 9/09/15		APPROVED:12/01/85											
CHEM	522	ANLYT SPECTROSCOPY Atomic and Molecular Analytical Spectroscopy	AUT/1986 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:10/15/92		APPROVED:12/01/85											
CHEM	523	GEOCHEMICAL CYCLES Geochemical Cycles	SPR/2010 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	OCEAN 523 ATM S 508
						LAST UPDT: 3/22/16		APPROVED:12/20/99											
										OCEAN 523									
CHEM	524	ANLYT MASS SPECTROM Analytical Mass Spectrometry	WIN/2016 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:10/21/15		APPROVED:10/20/15											
CHEM	525	MESO/MICROFLUIDICS Meso and Microfluidics in Chemical Analysis	SPR/2017 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:11/15/16		APPROVED: 9/20/16											
CHEM	526	CHEMOMETRICS CHEMOMETRICS	AUT/1986 -	AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/17/06													
CHEM	529	SEPARATION TECHS Chemical Separation Techniques	SPR/2012 -	AUT/9999	3.0
						LAST UPDT:11/15/11		APPROVED:11/15/11											

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				-ALL U	GRD		U	E	U	N	E	P	& N	C			
CHEM 530	ADV PHYS ORGNC CHEM Advanced Physical Organic Chemistry	AUT/2015 - AUT/9999	3.0
				LAST UPDT: 9/24/15		APPROVED: 2/01/80											
CHEM 531	ADV SYN ORGNC CHEM Advanced Synthetic Organic Chemistry	WIN/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/23/15													
CHEM 532	ADV BIO ORGNC CHEM Advanced Bio-Organic Chemistry	SPR/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/23/15		APPROVED: 2/01/80											
CHEM 534	POLYMER CHEMISTRY Polymer Chemistry	AUT/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/23/16		APPROVED: 2/23/16											
CHEM 536	CHEMICAL BIOLOGY Chemical Biology	WIN/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/22/16		APPROVED: 12/16/14											
CHEM 540	CUR PROBS ORGN CHEM CURRENT PROBLEMS IN ORGANIC CHEMISTRY	SPR/1997 - AUT/9999	1.0-03.0	12.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/11/14													
CHEM 545	DATA SCI CLEAN ENRG Data Science Methods for Clean Energy Research	WIN/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	CHEM E545	CHEM E545
				LAST UPDT: 12/07/17		APPROVED: 4/18/17											
CHEM 546	SW ENGR MOL DATA SCI Software Engineering for Molecular Data Scientists	WIN/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	CHEM E546	CHEM E546
				LAST UPDT: 12/07/17		APPROVED: 4/18/17											
CHEM 550	INTRO QUANTUM CHEM Introduction to Quantum Chemistry	AUT/1968 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/05/10													
CHEM 551	INTRO QUANTUM CHEM Introduction to Quantum Chemistry	WIN/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/18/14													
				COMMENT:EMAIL ENFORCE PREQ													
CHEM 552	STATISTCL MECHANICS Statistical Mechanics	WIN/1969 - AUT/9999	3.0
				LAST UPDT: 3/03/10													

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				-ALL	U		GRD	E	U	N	E	P	&	N			
CHEM 553	STATISTCL MECHANICS Statistical Mechanics	SPR/1969 - AUT/9999	3.0
																	LAST UPDT: 3/03/10
CHEM 554	BIOMOLE SPECTROSCOPY Introduction to Biomolecular Spectroscopy	SPR/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
																	LAST UPDT: 9/30/16 APPROVED: 9/20/16
CHEM 559	CHEMICAL KINETICS CHEMICAL KINETICS	WIN/1979 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
																	LAST UPDT: 0/00/00
CHEM 560	CUR PROB PHYS CHEM Current Problems in Physical Chemistry	SPR/1997 - AUT/9999	1.0-03.0	12.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
																	LAST UPDT: 1/09/97 APPROVED: 3/01/77
CHEM 562	SURFACE-MEMBRANE SURFACE AND MEMBRANE CHEMISTRY	SPR/1978 - AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
																	LAST UPDT: 1/06/93 APPROVED: 3/01/77
CHEM 563	MAGNETIC RESONANCE MAGNETIC RESONANCE METHODS IN CHEMISTRY	SPR/1978 - AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
																	LAST UPDT: 8/17/06 APPROVED: 3/30/77
CHEM 564	ELECT/PHOTONIC MTLs Organic Electronic and Photonic Materials/Polymers	WIN/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	MSE 560 MOLENG530
																	LAST UPDT:10/21/15 APPROVED: 8/20/04 MSE 560
CHEM 565	COMPUTATIONAL CHEM Computational Chemistry	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
																	LAST UPDT: 1/24/18 APPROVED: 9/20/11
CHEM 566	ENERGY MAT DEV & SYS Energy Materials, Devices, and Systems	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	CHEM 566 CHEM E540
																	LAST UPDT: 5/08/17 APPROVED: 3/21/17 MSE 566
CHEM 567	COMPUTER DATA ANLYS Computers in Data Acquisition and Analysis	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
																	LAST UPDT: 3/31/17 APPROVED: 3/21/17
CHEM 571	RESEARCH INORGANIC Current Research Topics in Inorganic Chemistry	SPR/2018 - AUT/9999	1.0	18.0	CR/NC
																	LAST UPDT: 2/21/18 APPROVED: 1/23/18

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G	MAX	P	SYS	D			
CHEM 578	RESRCH MATERIAL CHEM Current Research Topics in Materials Chemistry	SPR/2018 - AUT/9999	1.0	18.0	.	CR/NC
				LAST UPDT: 3/21/18		APPROVED: 3/20/18											
CHEM 581	PREP 2ND YEAR EXAM Preparation for Second-Year Exam	AUT/2006 - AUT/9999	3.0	9.0	Y	CR/NC	.	11	.	.	.	.	.	.	.	.	.
	COMMENT:CHG TTLS, CREDITS, DESCRIPTION			LAST UPDT:11/12/09		APPROVED:10/05/92											
CHEM 584	ELECT &OPTO POLYMERS Electronic and Optoelectronic Polymers	WIN/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/21/15		APPROVED:10/20/15											
CHEM 585	ELEC STRUCT MATERLS Electronic Structure and Application of Materials	WIN/2015 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 9/17/14		APPROVED: 9/16/14											
CHEM 586	ELEC DYN ORG INORG Electronic Dynamics in Organic and Inorganic Materials	WIN/2015 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 2/23/15		APPROVED: 9/16/14											
CHEM 587	NANOMAT CHEM ENGR Nanomaterials Chemistry and Engineering	SPR/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	CHEM E535	CHEM E535
				LAST UPDT: 4/19/18		APPROVED: 4/17/18											
CHEM 590	SMNR GENERAL CHEM Seminar in General Chemistry	AUT/1967 - AUT/9999	1.0	18.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/03/10													
CHEM 591	SMNR INORGANIC CHEM Seminar in Inorganic Chemistry	WIN/1970 - AUT/9999	1.0	18.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 0/00/00													
CHEM 592	SMNR ANALYTCL CHEM Seminar in Analytical Chemistry	AUT/1968 - AUT/9999	1.0	18.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/20/17													
CHEM 593	SMNR ORGANIC CHEM Seminar in Organic Chemistry	AUT/1969 - AUT/9999	1.0	18.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/26/09													
CHEM 595	SMNR PHYSICAL CHEM Seminar in Physical Chemistry	AUT/1967 - AUT/9999	1.0	18.0	Y	CR/NC
				LAST UPDT:11/12/14													

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				-ALL	U		GRD	E	U	N	E	P	&	N			
CHEM 596	SMNR BIOTECHNOLOGY SEMINAR IN BIOTECHNOLOGY	AUT/1996 - AUT/9999	1.0	6.0
	COMMENT:REPL CHEM 571;CHNG DESCRIPT			LAST UPDT:10/10/96		APPROVED: 6/20/94											
CHEM 597	SEMINAR IN MOLENG Seminar in Molecular Engineering	WIN/2017 - AUT/9999	1.0	30.0	.	CR/NC	.	.	.	.	.	.	.	.	MOLENG520	MOLENG520	.
				LAST UPDT:10/05/16		APPROVED:11/18/14											
CHEM 600	INDEPN DNT STDY/RSCH Independent Study or Research	AUT/1967 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/10													
CHEM 700	MASTERS THESIS Master's Thesis	WIN/1970 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/10		APPROVED: 1/01/70											
CHEM 800	DOCTORAL DISSERTATN Doctoral Dissertation	AUT/1970 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/10		APPROVED: 1/01/70											