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 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

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 DEPARTMENT: CHEMISTRY

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		U N E	P & N	L I		E C	M S				
CHEM 110	INTRO TO GEN CHEM INTRODUCTION TO GENERAL CHEMISTRY COMMENT:NEW DESCRIPTION, CHG PREREQS	AUT/2000 - AUT/9999	3.0	.	CR/NC	.	.	.	.	.	Y	.	.	.	.	.
				LAST UPDT: 4/21/05		APPROVED:10/24/91										
CHEM 120	PRINCIPLES OF CHEM I PRINCIPLES OF CHEMISTRY I COMMENT:CHG TITLES, DESCRIP	WIN/2004 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.
				LAST UPDT: 4/28/11		APPROVED: 3/28/94		FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081								
CHEM 142	GENERAL CHEMISTRY GENERAL CHEMISTRY COMMENT:CHG DESC PER 08-10 UPDATE	AUT/2008 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.
				LAST UPDT: 4/28/11		APPROVED: 2/14/97		FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081								
CHEM 144	ADV GENERAL CHEM ADVANCED GENERAL CHEMISTRY	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.
				LAST UPDT: 2/16/10		APPROVED: 6/16/09		FEE TYPE:1 \$55.00 BUDGET:069318 REV OBJ CD:943081								
CHEM 145	H-GENERAL CHEMISTRY HONORS GENERAL CHEMISTRY COMMENT:CHG DESC PER 08-10 UPDATE	AUT/2008 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.
				LAST UPDT: 4/28/11		APPROVED: 2/14/97		FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081								
CHEM 152	GENERAL CHEMISTRY GENERAL CHEMISTRY COMMENT:CHG PREQ	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.
				LAST UPDT: 4/28/11		APPROVED: 2/14/97		FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081								
CHEM 154	ADV GENERAL CHEM ADVANCED GENERAL CHEMISTRY	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.
				LAST UPDT: 2/16/10		APPROVED: 6/16/09		FEE TYPE:1 \$55.00 BUDGET:069318 REV OBJ CD:943081								
CHEM 155	H-GENERAL CHEMISTRY HONORS GENERAL CHEMISTRY COMMENT:CHG DESC PER 08-10 UPDATE	AUT/2008 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.
				LAST UPDT: 4/28/11		APPROVED: 2/14/97		FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081								
CHEM 162	GENERAL CHEMISTRY GENERAL CHEMISTRY COMMENT:CHG PREQ	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.
				LAST UPDT: 4/28/11		APPROVED: 2/14/97		FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081								
CHEM 164	ADV GENERAL CHEM ADVANCED GENERAL CHEMISTRY	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.
				LAST UPDT: 2/16/10		APPROVED: 6/16/09		FEE TYPE:1 \$55.00 BUDGET:069318 REV OBJ CD:943081								
CHEM 165	H-GENERAL CHEMISTRY HONORS GENERAL CHEMISTRY COMMENT:CHG DESC PER 08-10 UPDATE	AUT/2008 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.
				LAST UPDT: 4/28/11		APPROVED: 2/23/96		FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081								

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				-ALL	U		GRD	E	U	N	E	P	& N	C			
CHEM 241	ORGANIC CHEM LAB ORGANIC CHEMISTRY LABORATORY COMMENT:EMAIL PREQ CHG	AUT/2009 - AUT/9999	3.0	Y	.	.	Y
				LAST UPDT: 4/28/11 APPROVED: 9/01/77 FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081													
CHEM 242	ORGANIC CHEM LAB ORGANIC CHEMISTRY LABORATORY COMMENT:EMAIL PREQ CHG	AUT/2009 - AUT/9999	3.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 4/28/11 FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081													
CHEM 291	STUDY ABROAD STUDY ABROAD - CHEMISTRY	SPR/2007 - AUT/9999	1.0-15.0	15.0	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 1/24/07 APPROVED: 1/24/07													
CHEM 296	INTRO CHEM RESEARCH RESEARCH IN CHEMISTRY, AN INTRODUCTION COMMENT:GENCAT PREREQ CHANGE	SPR/2002 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 2/14/02 APPROVED: 2/14/97													
CHEM 297	SCI OUTREACH PARTIC SCIENCE OUTREACH PARTICIPATION	AUT/1998 - AUT/9999	1.0-02.0	6.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/27/98 APPROVED: 9/27/93													
CHEM 299	SPEC PROBS/RPT WRTG SPECIAL PROBLEMS AND REPORT WRITING	SPR/1995 - AUT/9999	1.0-06.0	6.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	Y	.
				LAST UPDT: 8/17/06 APPROVED: 9/20/84													
CHEM 312	INORGANIC CHEMISTRY INORGANIC CHEMISTRY COMMENT:CHG PREQ	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 6/24/09 APPROVED:10/01/89													
CHEM 317	INORGANIC CHEM LAB INORGANIC CHEMISTRY LABORATORY COMMENT:CHANGE CREDITS	AUT/2002 - AUT/9999	4.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 4/28/11 APPROVED:10/01/89 FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081													
CHEM 321	QUANTITATIVE ANLYS QUANTITATIVE ANALYSIS COMMENT:CHG PREQ	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 4/28/11 APPROVED: 9/01/77 FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081													
CHEM 335	H-ORGANIC CHEMISTRY HONORS-ORGANIC CHEMISTRY COMMENT:CHG PREQ	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 6/24/09 APPROVED: 2/01/71													
CHEM 336	H-ORGANIC CHEMISTRY HONORS-ORGANIC CHEMISTRY	WIN/1986 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT:10/26/04 APPROVED: 2/01/71													
CHEM 337	H-ORGANIC CHEMISTRY HONORS-ORGANIC CHEMISTRY COMMENT:CHG DESCRIPTION	WIN/2003 - AUT/9999	4.0	Y
				LAST UPDT: 2/23/05 APPROVED: 2/01/71													

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				-ALL	U	GRD	E	U	N	E	P	&	N	C	M			
CHEM 346	H-ORGANIC CHEM LAB ORGANIC CHEMISTRY HONORS LABORATORY COMMENT:EMAIL PREREQ CHANGE	SPR/2006 - AUT/9999	3.0	Y	.	.	Y
				LAST UPDT: 4/28/11				APPROVED: 9/01/77				FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081						
CHEM 347	H-ORG&QUAL ORGN LAB ORGANIC AND QUALITATIVE ORGANIC HONORS LABORATORY COMMENT:CHG CREDITS	SPR/1976 - AUT/9999	3.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 4/28/11				APPROVED: 9/01/77				FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081						
CHEM 355	INTRO PHYS CHEM BIO INTRODUCTORY PHYSICAL CHEMISTRY FOR BIOLOGISTS COMMENT:EMAIL PREQ CHG	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 7/09/09				APPROVED: 6/12/97										
CHEM 397	SCI OUTREACH MENTOR SCIENCE OUTREACH MENTORS	AUT/1998 - AUT/9999	1.0-02.0	6.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/27/98				APPROVED: 9/27/93										
CHEM 399	UNDERGRAD RESEARCH UNDERGRADUATE RESEARCH	AUT/1984 - AUT/9999	0.0	12.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/11/94														
CHEM 410	RADIOCHEM LAB RADIOCHEMISTRY LABORATORY COMMENT:CHG PREQ	AUT/2009 - AUT/9999	2.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 4/28/11				APPROVED:12/01/89				FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081						
CHEM 415	THE CHEMICAL BOND THE CHEMICAL BOND COMMENT:GENCAT PREREQ CHANGE	SPR/2002 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 1/16/02														
CHEM 416	TRANSITION METALS TRANSITION METALS COMMENT:GENCAT PREREQ CHANGE	SPR/2002 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 4/21/05				APPROVED: 6/01/85										
CHEM 417	ORGANOMETALLIC CHEM ORGANOMETALLIC CHEMISTRY COMMENT:EMAIL PREQ CHG	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 7/09/09				APPROVED:12/01/87										
CHEM 418	NUCLEAR CHEMISTRY NUCLEAR CHEMISTRY COMMENT:EMAIL PREREQ CHANGE	SPR/2006 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 3/14/06				APPROVED: 5/01/81										
CHEM 419	BIOINORGANIC CHEM BIOINORGANIC CHEMISTRY COMMENT:EMAIL PREQ CHG	AUT/2009 - AUT/9999	3.0	Y
				LAST UPDT: 7/09/09				APPROVED:10/01/89										

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				-ALL	U		GRD	E	U	N	E	P	& N	C			
CHEM 426	INSTRUMENTAL ANLYS INSTRUMENTAL ANALYSIS	SPR/1992 - AUT/9999	3.0	Y	.	Y
				LAST UPDT: 4/28/11		APPROVED: 9/27/91		FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081									
CHEM 428	BIOINSTRUMENT ANLYS BIOINSTRUMENTAL ANALYSIS COMMENT:CHG PREQ	SPR/2009 - AUT/9999	3.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 4/28/11		APPROVED:10/26/04		FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081									
CHEM 429	SEPARATION TECHS CHEMICAL SEPARATION TECHNIQUES COMMENT:EMAIL PREQ CHG	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 7/09/09		APPROVED: 2/01/84											
CHEM 433	THEORETICAL ORGANIC THEORTCL ORGANIC CHMSTRY-PREDICTNS & EXPRMNTL TSTS COMMENT:EMAIL PREQ CHG	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 7/09/09		APPROVED: 2/22/93											
CHEM 436	MOLECULAR ENZYMOLOGY MOLECULAR ENZYMOLOGY COMMENT:EMAIL PREQ CHG	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 7/09/09		APPROVED: 2/28/94											
CHEM 437	DNA & PROTEIN CHEM ORGANIC & BIOORGANIC CHEM NUCLEIC ACIDS IN PROTEIN COMMENT:EMAIL PREQ CHG	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 7/09/09		APPROVED: 2/28/92											
CHEM 452	PHYS CHEM BIOC I PHYSICAL CHEMISTRY FOR BIOCHEMISTS I COMMENT:CHG PREQ	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 6/24/09		APPROVED:11/01/88											
CHEM 453	PHYS CHEM BIOC II PHYSICAL CHEMISTRY FOR BIOCHEMISTS II	WIN/2000 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT:10/26/04		APPROVED: 6/21/99											
CHEM 455	PHYSICAL CHEMISTRY PHYSICAL CHEMISTRY COMMENT:CHG PREQ	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 6/24/09													
CHEM 456	PHYSICAL CHEMISTRY PHYSICAL CHEMISTRY COMMENT:CHG PREQ	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 6/24/09		APPROVED: 9/01/86											
CHEM 457	PHYSICAL CHEMISTRY PHYSICAL CHEMISTRY	WIN/1967 - AUT/9999	3.0	Y
				LAST UPDT: 5/04/10		APPROVED: 6/01/71											

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				-ALL	U		GRD	E	U	N	E	P	& N	C			
CHEM 458	GLOBAL ATMOS CHEM GLOBAL ATMOSPHERIC CHEMISTRY COMMENT:CHG JT STATUS	AUT/2009 - AUT/9999	4.0	ATM S 458	ATM S 458	.
CHEM 460	SPECT MOLEC IDENT SPECTROSCOPIC MOLECULAR IDENTIFICATION COMMENT:EMAIL PREQ CHG	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.			.
CHEM 461	PHYS CHEM LAB PHYSICAL CHEMISTRY LABORATORY COMMENT:CHG CREDITS, PREQ	SPR/2007 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.			.
CHEM 462	SYNTH ORGANIC TECH TECHNIQUES OF SYNTHETIC ORGANIC CHEMISTRY COMMENT:EMAIL PREREQ CHANGE	AUT/2000 - AUT/9999	2.0-03.0	3.0	.	.	.	.	.	.	.	.	.	.			.
CHEM 463	SPECTRO TECHNIQUES SPECTROSCOPIC TECH FOR STRUCTURAL IDENTIFICATION	AUT/1980 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.			.
CHEM 464	COMPUTER DATA ANLYS COMPUTERS IN DATA ACQUISITION AND ANALYSIS COMMENT:GENCAT PREREQ CHANGE	SPR/2002 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.			.
CHEM 465	COMPUTATIONAL CHEM COMPUTATIONS IN CHEMISTRY COMMENT:EMAIL PREREQ CHG	WIN/2003 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.			.
CHEM 473	WORKSHOP-CHEM TCHG WORKSHOP IN THE TEACHING OF CHEMISTRY COMMENT:CHG PREQ	AUT/2009 - AUT/9999	0.0	15.0	Y	CR/NC	.	.	.	.	.	.	.	.			.
CHEM 475	H-PHYSICAL CHEM HONORS PHYSICAL CHEMISTRY COMMENT:CHG PREQ	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.			.
CHEM 476	HONORS PHYS CHEM HONORS PHYSICAL CHEMISTRY	WIN/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.			.
CHEM 477	HONORS PHYS CHEM HONORS PHYSICAL CHEMISTRY	SPR/2001 - AUT/9999	3.0

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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 484	MATERIALS CHEMISTRY MATERIALS CHEMISTRY COMMENT:WAS CHEM 364	SPR/2006 - AUT/9999	3.0	CHEM 484 MSE 484	.
				LAST UPDT: 5/19/06		APPROVED: 2/24/06											
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 COMMENT:EMAIL PREREQ CHANGE	WIN/2004 - AUT/9999	1.0	2.0	CR/NC	.	.	.	.	.	.	.	.	.	.	CHEM 496 BIOC 496	.
				LAST UPDT:10/27/03		APPROVED: 6/21/99											
CHEM 498	TEACHING CHEMISTRY TEACHING CHEMISTRY	WIN/1992 - AUT/9999	3.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.		.
				LAST UPDT: 3/09/94		APPROVED: 9/27/91											
CHEM 499	UG RES/REPORT WRITG UNDERGRADUATE RESEARCH & REPORT WRITING	AUT/1985 - AUT/9999	0.0	12.0	Y	CR/NC	.	.	.	.	.	.	.	.	.		.
				LAST UPDT: 4/11/94		APPROVED: 12/31/96											
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		APPROVED: 12/01/87											
CHEM 510	CRNT PRBS INOR CHEM CURRENT PROBLEMS IN INORGANIC CHEMISTRY COMMENT:CHANGE CREDITS	WIN/2006 - AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.		.
				LAST UPDT: 8/18/05		APPROVED:12/01/87											
CHEM 520	CRNT PRB ANLYT CHEM CURRENT PROBLEMS IN ANALYTICAL CHEMISTRY COMMENT:CHANGE CREDITS	WIN/2006 - AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.		.
				LAST UPDT: 8/18/05		APPROVED:12/01/85											
CHEM 521	ELECTROCHEMISTRY ANALYTICAL ELECTROCHEMISTRY	SPR/1986 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.		.
				LAST UPDT: 0/00/00		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 COMMENT:MOVE JT COLLEGE	SPR/2010 - AUT/9999	4.0	OCEAN 523 OCEAN 523 ATM S 508	.
				LAST UPDT: 2/10/10		APPROVED:12/20/99											

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						-ALL	U		GRD	E	U	N	E	P	&	N			
CHEM	525	PROCESS ANALYSIS PROCESS ANALYTICAL CHEMISTRY	SPR/1986 -	AUT/9999	3.0
						LAST UPDT: 8/17/06			APPROVED: 12/19/85										
CHEM	526	CHEMOMETRICS CHEMOMETRICS	AUT/1986 -	AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/17/06													
CHEM	530	ADV ORGANIC CHEM ADVANCED ORGANIC CHEMISTRY	AUT/1964 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 0/00/00			APPROVED: 2/01/80										
CHEM	531	ADV ORGANIC CHEM ADVANCED ORGANIC CHEMISTRY COMMENT:CHANGE DESCRIPTION	SUM/1999 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 2/23/99													
CHEM	532	ADV ORGANIC CHEM ADVANCED ORGANIC CHEMISTRY COMMENT:CHANGE DESCRIPTION	SUM/1999 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 2/23/99			APPROVED: 2/01/80										
CHEM	540	CUR PROBS ORGN CHEM CURRENT PROBLEMS IN ORGANIC CHEMISTRY	SPR/1997 -	AUT/9999	1.0-03.0	12.0	Y	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 1/09/97													
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/1969 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 3/03/10													
CHEM	552	STATISTCL MECHANICS STATISTICAL MECHANICS	WIN/1969 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 3/03/10													
CHEM	553	STATISTCL MECHANICS STATISTICAL MECHANICS	SPR/1969 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 3/03/10													
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										

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						-ALL U	GRD							U N E	P & N C M S N	COURSE
CHEM	564	ELECT/PHOTONIC MTLs ORGANIC ELECTRONIC AND PHOTONIC MATERIALS/POLYMERS	SPR/2005 -	AUT/9999	3.0	MSE	560	MSE	560	.	
						LAST UPDT: 8/24/04		APPROVED: 8/20/04								
CHEM	565	COMPUTATION IN CHEM COMPUTATIONS IN CHEMISTRY	WIN/2012 -	AUT/9999	3.0	.	.	.	.	.					.
						LAST UPDT: 9/21/11		APPROVED: 9/20/11								
CHEM	581	PREP 2ND YEAR EXAM PREPARATION FOR SECOND-YEAR EXAM COMMENT:CHG TTLS, CREDITS, DESCRIPTION	AUT/2006 -	AUT/9999	3.0	9.0	Y	CR/NC	.	11					.	
						LAST UPDT:11/12/09		APPROVED:10/05/92								
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/1972 -	AUT/9999	1.0	18.0	Y	CR/NC	.	.					.	
						LAST UPDT: 0/00/00										
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: 3/03/10										
CHEM	596	SMNR BIOTECHNOLOGY SEMINAR IN BIOTECHNOLOGY COMMENT:REPL CHEM 571;CHNG DESCRIPT	AUT/1996 -	AUT/9999	1.0	6.0	.	.	.	.					.
						LAST UPDT:10/10/96		APPROVED: 6/20/94								
CHEM	597	NANOTECH SEMINAR NANOTECHNOLOGY SEMINAR	AUT/2006 -	AUT/9999	1.0	18.0	.	CR/NC	.	.			CHEM	597	BIOEN 518	.
						LAST UPDT: 9/21/06		APPROVED: 9/21/06								
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 MASTERS 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								