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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U	D GRD	E D	S H F U N E	V L I	E E P & N C M S N	W R T	RESPONS COURSE	JOINT COURSES	O M I T
CHEM 110	INTRO TO GEN CHEM INTRODUCTION TO GENERAL CHEMISTRY	AUT/2012 -	AUT/9999	3.0-05.0	5.0	.	CR/NC	.	.	.	Y	.	.	.
					LAST UPDT: 5/16/12 APPROVED:10/24/91									
					COMMENT:CHG CREDITS									
CHEM 120	PRINCIPLES OF CHEM I PRINCIPLES OF CHEMISTRY I	AUT/2012 -	AUT/9999	5.0	.	.	.	Y	.	Y	.	Y	.	.
					LAST UPDT: 7/31/12 APPROVED: 3/28/94									
					FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081									
					COMMENT:12-14 DESC, PREQ CHG									
CHEM 142	GENERAL CHEMISTRY GENERAL CHEMISTRY	AUT/2012 -	AUT/9999	5.0	.	.	.	Y	.	Y	.	Y	.	.
					LAST UPDT: 7/31/12 APPROVED: 2/14/97									
					FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081									
					COMMENT:12-14 DESC CHG									
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/2008 -	AUT/9999	5.0	.	.	.	Y	.	Y	.	Y	.	.
					LAST UPDT: 4/28/11									
					FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081									
					COMMENT:CHG DESC PER 08-10 UPDATE									
CHEM 152	GENERAL CHEMISTRY GENERAL CHEMISTRY	AUT/2012 -	AUT/9999	5.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 7/31/12 APPROVED: 2/14/97									
					FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081									
					COMMENT:12-14 PREQ, DESC CHG									
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									
CHEM 155	H-GENERAL CHEMISTRY HONORS GENERAL CHEMISTRY	AUT/2008 -	AUT/9999	5.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 4/28/11									
					FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081									
					COMMENT:CHG DESC PER 08-10 UPDATE									
CHEM 162	GENERAL CHEMISTRY GENERAL CHEMISTRY	AUT/2012 -	AUT/9999	5.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 7/31/12 APPROVED: 2/14/97									
					FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081									
					COMMENT:12-14 DESC, PREQ CHG									

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R Q T S N G	RESPONS COURSE	JOINT COURSES	O M I T
CHEM 164	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 165	H-GENERAL CHEMISTRY HONORS GENERAL CHEMISTRY	AUT/2008 -	AUT/9999	5.0	.	.	.	. . Y	.	. . Y				.
COMMENT:CHG DESC PER 08-10 UPDATE LAST UPDT: 4/28/11 APPROVED: 2/23/96 FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081														
CHEM 190	DISCOVERY SEMINAR FRESHMAN DISCOVERY SEMINAR IN CHEMISTRY	AUT/2009 -	AUT/9999	5.0	.	.	.	. . .	.	. . Y				.
LAST UPDT: 3/18/09 APPROVED: 3/17/09														
CHEM 197	SCI OUTREACH TRAIN SCIENCE OUTREACH TRAINING	SPR/1997 -	AUT/9999	1.0-02.0	2.0	. CR/NC	.	. . .	.					.
LAST UPDT:12/31/96 APPROVED: 9/27/93														
CHEM 198	TUTORIAL STUDY TUTORIAL STUDY	AUT/2005 -	AUT/9999	2.0	6.0	Y CR/NC	.	. . .	.	. . Y				.
LAST UPDT:10/27/05 COMMENT:CHANGE CREDITS														
CHEM 199	SPECIAL PROBLEMS SPECIAL PROBLEMS	SPR/1995 -	AUT/9999	1.0-06.0	6.0	Y CR/NC	.	. . Y	.					.
LAST UPDT: 7/22/04 FEE TYPE:1 \$50.00 BUDGET:069318 REV OBJ CD:943081														
CHEM 220	PRINCIPLES CHEM II PRINCIPLES OF CHEMISTRY II	AUT/2012 -	AUT/9999	5.0	.	.	.	. . Y	.	. . Y				.
LAST UPDT: 7/31/12 COMMENT:12-14 DESC, PREQ CHG FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081														
CHEM 221	PRINCIPLES CHEM III PRINCIPLES OF CHEMISTRY III	AUT/2012 -	AUT/9999	5.0	.	.	.	. . Y	.	. . Y				.
LAST UPDT: 7/31/12 APPROVED: 4/28/94 COMMENT:12-14 DESC CHG FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081														
CHEM 223	ORG CHEM SHORT PROG ORGANIC CHEMISTRY - SHORT PROGRAM	AUT/2012 -	AUT/9999	4.0	.	.	.	. . .	.	. . Y				.
LAST UPDT: 7/31/12 APPROVED:10/01/89 COMMENT:12-14 PREQ CHG														

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CHEM 224	ORG CHEM SHORT PROG ORGANIC CHEMISTRY - SHORT PROGRAM	WIN/2002 - AUT/9999	4.0		.	.	.	.	.	Y	.	.	.	.
					LAST UPDT:10/26/04 APPROVED:10/01/89									
COMMENT:CHANGE COURSE DESCRIPTOIN														
CHEM 237	ORGANIC CHEMISTRY ORGANIC CHEMISTRY	AUT/2012 - AUT/9999	4.0		.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 7/31/12 APPROVED:10/27/89									
COMMENT:12-14 PREQ CHG														
CHEM 238	ORGANIC CHEMISTRY ORGANIC CHEMISTRY	AUT/2009 - AUT/9999	4.0		.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 7/09/09 APPROVED:10/27/89									
COMMENT:EMAIL PREQ CHG														
CHEM 239	ORGANIC CHEMISTRY ORGANIC CHEMISTRY	AUT/2009 - AUT/9999	3.0		.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 7/09/09 APPROVED:10/01/89									
COMMENT:EMAIL PREQ CHG														
CHEM 241	ORGANIC CHEM LAB ORGANIC CHEMISTRY LABORATORY	AUT/2012 - AUT/9999	3.0		.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 9/28/12 APPROVED: 9/01/77									
COMMENT:UPDATE TRI CAMPUS PREQ					FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081									
CHEM 242	ORGANIC CHEM LAB ORGANIC CHEMISTRY LABORATORY	AUT/2009 - AUT/9999	3.0		.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 4/28/11									
COMMENT:EMAIL PREQ CHG					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	SPR/2002 - AUT/9999	1.0		.	CR/NC	.	.	.	Y	.	.	.	.
					LAST UPDT: 2/14/02 APPROVED: 2/14/97									
COMMENT:GENCAT PREREQ CHANGE														
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									

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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	AUT/2012 - AUT/9999		3.0	.	.	.	.	Y	.	.			.
					LAST UPDT: 7/31/12		APPROVED:10/01/89							
COMMENT:12-14 PREQ CHG														
CHEM 317	INORGANIC CHEM LAB INORGANIC CHEMISTRY LABORATORY	AUT/2002 - AUT/9999		4.0	.	.	.	Y	.	Y	.			.
					LAST UPDT: 4/28/11		APPROVED:10/01/89							
COMMENT:CHANGE CREDITS					FEE TYPE:1		\$60.00 BUDGET:069318		REV OBJ CD:943081					
CHEM 321	QUANTITATIVE ANLYS QUANTITATIVE ANALYSIS	AUT/2009 - AUT/9999		5.0	.	.	.	Y	.	Y	.			.
					LAST UPDT: 4/28/11		APPROVED: 9/01/77							
COMMENT:CHG PREQ					FEE TYPE:1		\$60.00 BUDGET:069318		REV OBJ CD:943081					
CHEM 335	H-ORGANIC CHEMISTRY HONORS ORGANIC CHEMISTRY	AUT/2012 - AUT/9999		4.0	.	.	.	.	Y	.	.			.
					LAST UPDT: 7/31/12		APPROVED: 2/01/71							
COMMENT:12-14 PREQ CHG														
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	WIN/2003 - AUT/9999		4.0	.	.	.	.	Y	.	.			.
					LAST UPDT: 2/23/05		APPROVED: 2/01/71							
COMMENT:CHG DESCRIPTION														
CHEM 346	H-ORGANIC CHEM LAB ORGANIC CHEMISTRY HONORS LABORATORY	SPR/2006 - AUT/9999		3.0	.	.	.	Y	.	Y	.			.
					LAST UPDT: 4/28/11		APPROVED: 9/01/77							
COMMENT:EMAIL PREREQ CHANGE					FEE TYPE:1		\$60.00 BUDGET:069318		REV OBJ CD:943081					
CHEM 347	H-ORG&QUAL ORGN LAB ORGANIC AND QUALITATIVE ORGANIC HONORS LABORATORY	SPR/1976 - AUT/9999		3.0	.	.	.	Y	.	Y	.			.
					LAST UPDT: 4/28/11									
COMMENT:CHG CREDITS					FEE TYPE:1		\$60.00 BUDGET:069318		REV OBJ CD:943081					

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
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	WIN/2013 -	AUT/9999	2.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 9/14/12 APPROVED:12/01/89									
					COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081									
CHEM 415	THE CHEMICAL BOND THE CHEMICAL BOND	SPR/2002 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 1/16/02									
					COMMENT:GENCAT PREREQ CHANGE									
CHEM 416	TRANSITION METALS TRANSITION METALS	SPR/2002 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 4/21/05 APPROVED: 6/01/85									
					COMMENT:GENCAT PREREQ CHANGE									
CHEM 417	ORGANOMETALLIC CHEM ORGANOMETALLIC CHEMISTRY	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 7/09/09 APPROVED:12/01/87									
					COMMENT:EMAIL PREQ CHG									
CHEM 418	NUCLEAR CHEMISTRY NUCLEAR CHEMISTRY	SPR/2006 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 3/14/06 APPROVED: 5/01/81									
					COMMENT:EMAIL PREREQ CHANGE									
CHEM 419	BIOINORGANIC CHEM BIOINORGANIC CHEMISTRY	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 7/09/09 APPROVED:10/01/89									
					COMMENT:EMAIL PREQ CHG									
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									

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CHEM 428	BIOINSTRUMENT ANLYS BIOINSTRUMENTAL ANALYSIS	SPR/2009 -	AUT/9999	3.0	.	.	.	. . Y	. . Y		.			.
COMMENT:CHG PREQ					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	AUT/2009 -	AUT/9999	3.0	.	.	.	. . .	. . Y		.			.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 7/09/09 APPROVED: 2/01/84									
CHEM 433	THEORETICAL ORGANIC THEORTCL ORGANIC CHMSTRY-PREDICTNS & EXPRMNTL TSTS	AUT/2009 -	AUT/9999	3.0	.	.	.	. . .	. . Y		.			.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 7/09/09 APPROVED: 2/22/93									
CHEM 436	MOLECULAR ENZYMOLOGY MOLECULAR ENZYMOLOGY	AUT/2009 -	AUT/9999	3.0	.	.	.	. . .	. . Y		.			.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 7/09/09 APPROVED: 2/28/94									
CHEM 437	DNA & PROTEIN CHEM ORGANIC & BIOORGANIC CHEM NUCLEIC ACIDS IN PROTEIN	AUT/2009 -	AUT/9999	3.0	.	.	.	. . .	. . Y		.			.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 7/09/09 APPROVED: 2/28/92									
CHEM 452	PHYS CHEM BIOCI I PHYSICAL CHEMISTRY FOR BIOCHEMISTS I	AUT/2012 -	AUT/9999	3.0	.	.	.	. . .	. . Y		.			.
COMMENT:12-14 PREQ CHG					LAST UPDT: 7/31/12 APPROVED:11/01/88									
CHEM 453	PHYS CHEM BIOCI II PHYSICAL CHEMISTRY FOR BIOCHEMISTS II	WIN/2000 -	AUT/9999	3.0	.	.	.	. . .	. . Y		.			.
COMMENT:12-14 PREQ CHG					LAST UPDT:10/26/04 APPROVED: 6/21/99									
CHEM 455	PHYSICAL CHEMISTRY PHYSICAL CHEMISTRY	AUT/2012 -	AUT/9999	3.0	.	.	.	. . .	. . Y		.			.
COMMENT:12-14 PREQ CHG					LAST UPDT: 7/31/12									
CHEM 456	PHYSICAL CHEMISTRY PHYSICAL CHEMISTRY	AUT/2012 -	AUT/9999	3.0	.	.	.	. . .	. . Y		.			.
COMMENT:12-14 PREQ CHG					LAST UPDT: 7/31/12 APPROVED: 9/01/86									

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CHEM 457	PHYSICAL CHEMISTRY PHYSICAL CHEMISTRY	WIN/1967 - AUT/9999	3.0		.	.	.	.	.	Y	.	.	.	.
LAST UPDT: 5/04/10 APPROVED: 6/01/71														
CHEM 458	AIR POLLUTION CHEM GLOBAL ATMOSPHERIC CHEMISTRY	AUT/2012 - AUT/9999	4.0		.	.	.	.	.	Y	.	.	ATM S 458	ATM S 458
LAST UPDT: 7/03/12														
COMMENT:CHG TITLES, PREQ, DESC														
CHEM 460	SPECT MOLEC IDENT SPECTROSCOPIC MOLECULAR IDENTIFICATION	AUT/2009 - AUT/9999	3.0		.	.	.	.	.	Y	.	.	.	.
LAST UPDT: 7/09/09 APPROVED:12/01/83														
COMMENT:EMAIL PREQ CHG														
CHEM 461	PHYS CHEM LAB PHYSICAL CHEMISTRY LABORATORY	SPR/2007 - AUT/9999	3.0		.	.	.	Y	.	Y	.	.	.	.
LAST UPDT: 4/28/11 APPROVED: 7/01/71														
COMMENT:CHG CREDITS, PREQ														
FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081														
CHEM 462	SYNTH ORGANIC TECH TECHNIQUES OF SYNTHETIC ORGANIC CHEMISTRY	AUT/2000 - AUT/9999	2.0-03.0	3.0	.	.	.	Y	.	Y	.	.	.	.
LAST UPDT: 4/28/11														
COMMENT:EMAIL PREREQ CHANGE														
FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081														
CHEM 463	SPECTRO TECHNIQUES SPECTROSCOPIC TECHNIQUES FOR STRUCTURAL IDENTIFICATION	AUT/1980 - AUT/9999	2.0		.	.	.	Y	.	Y	.	.	.	.
LAST UPDT: 4/28/11 APPROVED:12/01/83														
FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081														
CHEM 464	COMPUTER DATA ANLYS COMPUTERS IN DATA ACQUISITION AND ANALYSIS	SPR/2002 - AUT/9999	3.0		.	.	.	Y	.	Y	.	.	.	.
LAST UPDT: 4/28/11 APPROVED: 9/27/91														
COMMENT:GENCAT PREREQ CHANGE														
FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081														
CHEM 465	COMPUTATIONAL CHEM COMPUTATIONS IN CHEMISTRY	WIN/2003 - AUT/9999	3.0		.	.	.	Y	.	Y	.	.	.	.
LAST UPDT: 4/28/11 APPROVED: 2/28/94														
COMMENT:EMAIL PREREQ CHG														
FEE TYPE:1 \$60.00 BUDGET:069318 REV OBJ CD:943081														
CHEM 475	H-PHYSICAL CHEM HONORS PHYSICAL CHEMISTRY	AUT/2012 - AUT/9999	3.0		.	.	.	.	.	Y	.	.	.	.
LAST UPDT: 7/31/12 APPROVED: 2/25/00														
COMMENT:12-14 PREQ CHG														

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CHEM 476	HONORS PHYS CHEM HONORS PHYSICAL CHEMISTRY	WIN/2001 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 3/16/00 APPROVED: 2/25/00									
CHEM 477	HONORS PHYS CHEM HONORS PHYSICAL CHEMISTRY	SPR/2001 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 3/16/00 APPROVED: 2/25/00									
CHEM 484	MATERIALS CHEMISTRY MATERIALS CHEMISTRY	SPR/2006 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 5/19/06 APPROVED: 2/24/06									
					COMMENT:WAS CHEM 364									
CHEM 491	ADV STUDY ABROAD STUDY ABROAD - ADVANCED CHEMISTRY	SPR/2007 -	AUT/9999	1.0-15.0	15.0	.	.	.	.	Y	.	.	.	.
					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	.	.	Y	.	.	.	.
					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	.	.	.	Y	.	.	.	.
					LAST UPDT: 3/09/94 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	.	.	.	.	.	Y	.
					LAST UPDT: 4/11/94									
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									

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CHEM 510	CRNT PRBS INOR CHEM CURRENT PROBLEMS IN INORGANIC CHEMISTRY	WIN/2006 - AUT/9999		3.0	9.0 Y	.	.	.	.	.	.			.
COMMENT:CHANGE CREDITS					LAST UPDT: 8/18/05 APPROVED:12/01/87									
CHEM 520	CRNT PRB ANLYT CHEM CURRENT PROBLEMS IN ANALYTICAL CHEMISTRY	WIN/2006 - AUT/9999		3.0	9.0 Y	.	.	.	.	.	.			.
COMMENT:CHANGE CREDITS					LAST UPDT: 8/18/05									
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	SPR/2010 - AUT/9999		4.0	.	.	.	.	.	.	.	OCEAN 523	OCEAN 523	.
COMMENT:MOVE JT COLLEGE					LAST UPDT: 2/10/10 APPROVED:12/20/99 ATM S 508									
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 529	SEPARATION TECHS CHEMICAL SEPARATION TECHNIQUES	SPR/2012 - AUT/9999		3.0	.	.	.	.	.	.	.			.
LAST UPDT:11/15/11 APPROVED:11/15/11														
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	SUM/1999 - AUT/9999		3.0	.	.	.	.	.	.	.			.
COMMENT:CHANGE DESCRIPTION					LAST UPDT: 2/23/99									

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CHEM 532	ADV ORGANIC CHEM ADVANCED ORGANIC CHEMISTRY	SUM/1999 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CHANGE DESCRIPTION					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									
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									

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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	AUT/2006	- AUT/9999	3.0	9.0 Y	CR/NC	.	11	.	.	.	.	.	.
					LAST UPDT:11/12/09 APPROVED:10/05/92									
					COMMENT:CHG TTLS, CREDITS, DESCRIPTION									
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	AUT/1996	- AUT/9999	1.0	6.0	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/10/96 APPROVED: 6/20/94									
					COMMENT:REPL CHEM 571;CHNG DESCRIPT									
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									

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						-ALL	U		E	HYPH	U	N	E	P	I	E	C			
						MAX	P	SYS	D	M	R	E	A	S	W	T	P	R	G	I
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														