

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

COLLEGE : C - Arts & Sciences
DEPARTMENT: PHYSICS

DEPARTMENT: PHYSICS				OVER D	D	S H F	V	E L	W R		
COURSE				-ALL U	GRD	E	L I	E C	Q T		
CURRIC	NUM	TITLE	EFFECTIVE	MAX	SYS	D HYPH	P & N	C M S	P R G	RESPONS	JOINT
			QUARTERS				A S W T	P R G		COURSE	COURSES
				CREDITS							
PHYS	101	PHYS SCI INQUIRY I PHYSICAL SCIENCE BY INQUIRY I COMMENT:CHANGE PREREQ, DESCRIPTION	AUT/1996 - AUT/9999	5.0			12	Y	Y		
							LAST UPDT: 7/15/97	APPROVED: 6/01/77			
PHYS	102	PHY SCI INQUIRY I PHYSICAL SCIENCE BY INQUIRY I COMMENT:CHANGE PREREQ, DESCRIP	AUT/1996 - AUT/9999	5.0			22	Y	Y		
							LAST UPDT: 7/15/97	APPROVED: 6/01/77			
PHYS	103	PHY SCI INQUIRY I PHYSICAL SCIENCE BY INQUIRY I COMMENT:CHANGE PREREQ, DESCRIP	AUT/1996 - AUT/9999	5.0				Y		Y	
							LAST UPDT: 7/15/97	APPROVED: 6/01/77			
PHYS	104	GROUP INQUIRY I FACILITATED GROUP INQUIRY I	AUT/2009 - AUT/9999	2.0				Y			
							LAST UPDT:12/17/08	APPROVED:12/16/08			
PHYS	105	GROUP INQUIRY II FACILITATED GROUP INQUIRY II	WIN/2010 - AUT/9999	2.0				Y			
							LAST UPDT:12/17/08	APPROVED:12/16/08			
PHYS	106	GROUP INQUIRY III FACILITATED GROUP INQUIRY III	SPR/2010 - AUT/9999	2.0				Y			
							LAST UPDT:12/17/08	APPROVED:12/16/08			
PHYS	107	PHYSICS CONCEPTS PHYSICS CONCEPTS FOR NON-SCIENTISTS	SPR/2009 - AUT/9999	5.0				Y			
							LAST UPDT:12/17/08	APPROVED:12/16/08			
PHYS	110	LIBERAL ARTS PHYS LIBERAL ARTS PHYSICS	SUM/1978 - AUT/9999	5.0				Y	Y		
							LAST UPDT: 6/14/93	APPROVED: 9/01/77			
PHYS	111	LIBERAL ARTS PHYS LIBERAL ARTS PHYSICS	WIN/1978 - AUT/9999	5.0				Y	Y		
							LAST UPDT: 4/05/96	APPROVED: 9/01/77			
PHYS	112	LIBERAL ARTS PHYS LIBERAL ARTS PHYSICS	SPR/1978 - AUT/9999	5.0				Y	Y		
							LAST UPDT: 4/05/96	APPROVED: 9/01/77			
PHYS	114	GENERAL PHYSICS GENERAL PHYSICS	AUT/1966 - AUT/9999	4.0				Y	Y		
							LAST UPDT: 3/10/95				
PHYS	115	GENERAL PHYSICS GENERAL PHYSICS	AUT/1998 - AUT/9999	4.0				Y			
							LAST UPDT: 8/20/98				
PHYS	116	GENERAL PHYSICS GENERAL PHYSICS	AUT/1998 - AUT/9999	4.0				Y			
							LAST UPDT: 8/20/98				

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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 E C M S N T P R G	W R Q T	RESPONS COURSE	JOINT COURSES	O M I T
PHYS 117	GENERAL PHYSICS LAB GENERAL PHYSICS LABORATORY	AUT/1966 -	AUT/9999	1.0		CR/NC		. . Y	. . Y					.
					LAST UPDT: 6/23/09									
					FEE TYPE:1	\$50.00	BUDGET:069372	REV OBJ CD:943081						
PHYS 118	GENERAL PHYSICS LAB GENERAL PHYSICS LABORATORY	WIN/1967 -	AUT/9999	1.0		CR/NC		. . Y	. . Y					.
					LAST UPDT: 6/23/09									
					FEE TYPE:1	\$50.00	BUDGET:069372	REV OBJ CD:943081						
PHYS 119	GENERAL PHYSICS LAB GENERAL PHYSICS LABORATORY	SPR/1967 -	AUT/9999	1.0		CR/NC		. . Y	. . Y					.
					LAST UPDT: 6/23/09									
					FEE TYPE:1	\$50.00	BUDGET:069372	REV OBJ CD:943081						
PHYS 121	MECHANICS MECHANICS	WIN/2008 -	AUT/9999	5.0				. . Y	. . Y	. . Y .				.
	COMMENT:CHANGE CREDITS				LAST UPDT: 6/23/09			APPROVED: 1/24/94						
					FEE TYPE:1	\$50.00	BUDGET:069372	REV OBJ CD:943081						
PHYS 122	ELMAG & OSCIL MOTN ELECTROMAGNETISM AND OSCILLATORY MOTION	WIN/2008 -	AUT/9999	5.0				. . Y	. . Y					.
	COMMENT:EMAIL PREREQ CHANGE				LAST UPDT: 6/23/09			APPROVED: 1/24/94						
					FEE TYPE:1	\$50.00	BUDGET:069372	REV OBJ CD:943081						
PHYS 123	WAVES WAVES	WIN/2008 -	AUT/9999	5.0				. . Y	. . Y					.
	COMMENT:CHANGE CREDITS, PREREQUISITE				LAST UPDT: 6/23/09			APPROVED: 1/24/94						
					FEE TYPE:1	\$50.00	BUDGET:069372	REV OBJ CD:943081						
PHYS 205	PHYSICAL SCIENCE CONCEPTS OF PHYSICAL SCIENCE	WIN/1976 -	AUT/9999	3.0					. . Y					.
	COMMENT:WAS PHYS 440				LAST UPDT: 9/06/06			APPROVED:11/20/75						
PHYS 207	PHYS OF MUSIC THE PHYSICS OF MUSIC	SPR/1973 -	AUT/9999	3.0					. . Y					.
					LAST UPDT: 9/06/06			APPROVED:12/07/72						
PHYS 208	PHYSICS OF SPORTS THE PHYSICS OF SPORTS	SPR/1991 -	AUT/9999	3.0					. . Y					.
					LAST UPDT: 6/14/93			APPROVED:12/10/90						
PHYS 210	PHYS BY INQUIRY I PHYSICS BY INQUIRY I	AUT/2009 -	AUT/9999	5.0					. . Y	. . . Y				.
	COMMENT:CHG DESC				LAST UPDT: 9/14/09			APPROVED: 3/01/72						
PHYS 211	PHYS BY INQUIRY I PHYSICS BY INQUIRY I	AUT/2009 -	AUT/9999	5.0					. . Y	. . . Y				.
	COMMENT:CHG DESC				LAST UPDT: 9/14/09			APPROVED: 3/01/72						

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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
PHYS 212	PHYS BY INQUIRY I PHYSICS BY INQUIRY I COMMENT:CHG DESC	AUT/2009 -	AUT/9999	5.0	LAST UPDT: 9/14/09			APPROVED: 3/01/72		Y	Y			.
PHYS 214	LIGHT AND COLOR LIGHT AND COLOR	AUT/1988 -	AUT/9999	5.0	LAST UPDT: 9/06/06			APPROVED: 6/24/82		Y	Y			.
PHYS 215	A WAY OF KNOWING A WAY OF KNOWING COMMENT:CHANGE TITLES, DESCRIPTION	WIN/2003 -	AUT/9999	5.0	LAST UPDT:11/16/04			APPROVED:12/01/87		Y	Y			.
PHYS 216	SCIENCE AND SOCIETY SCIENCE AND SOCIETY COMMENT:CHG TITLE, JT STATUS & GEN ED	SPR/2006 -	AUT/9999	5.0	LAST UPDT: 2/23/09			APPROVED:12/01/87		Y	Y		PHYS 216 SIS 216	.
PHYS 224	THERMAL PHYSICS THERMAL PHYSICS COMMENT:WAS PHYS 222	WIN/1982 -	AUT/9999	3.0	LAST UPDT: 9/06/06			APPROVED: 4/23/81		Y				.
PHYS 225	INTRO MOD MECHANICS INTRODUCTION TO MODERN MECHANICS COMMENT:CHG TITLES, DESC, PREQ	SPR/2009 -	AUT/9999	3.0	LAST UPDT: 1/21/09			APPROVED: 4/01/81		Y				.
PHYS 226	PARTICLES&SYMMETRY PARTICLES AND SYMMETRIES	SPR/2009 -	AUT/9999	3.0	LAST UPDT:12/18/08			APPROVED:12/16/08		Y				.
PHYS 227	ELEM MATH PHYS ELEMENTARY MATHEMATICAL PHYSICS COMMENT:EMAIL PREQ CHG	WIN/2009 -	AUT/9999	4.0	LAST UPDT:11/20/08			APPROVED: 9/01/86		Y				.
PHYS 228	ELEM MATH PHYS ELEMENTARY MATHEMATICAL PHYSICS COMMENT:CHNG CREDs, DESCRIPT, CONT HRS	WIN/2009 -	AUT/9999	4.0	LAST UPDT: 3/19/08			APPROVED: 9/01/86		Y				.
PHYS 231	INTRO EXPERMTL PHYS INTRODUCTORY EXPERIMENTAL PHYSICS COMMENT:EMAIL PREP REQ CHANGE	SUM/2003 -	AUT/9999	3.0	LAST UPDT: 3/27/03			APPROVED: 6/28/00		Y				.
PHYS 232	COMPUTATIONAL PHYS INTRODUCTION TO COMPUTATIONAL PHYSICS	SPR/2001 -	AUT/9999	3.0	LAST UPDT: 7/23/04			APPROVED: 2/21/01		Y	Y			.

FEE TYPE:1 \$50.00 BUDGET:069372 REV OBJ CD:943081

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COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U	D GRD P	S H F U N E	V L P & N	E C M S N	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T				
PHYS 248	INTRO SEL TOPICS INTRODUCTORY SELECTED TOPICS	WIN/2008 - AUT/9999	1.0-05.0	15.0 .	.	.	.	.	. Y . . .			.				
				LAST UPDT:	8/27/07	APPROVED:	8/23/07									
PHYS 294	PHYSICS FRONTIERS INTRODUCTION TO RESEARCH: FRONTIERS OF PHYSICS	WIN/2009 - AUT/9999	1.0	.	.	.	.	.	. Y . . .			.				
				LAST UPDT:	1/12/09	APPROVED:	12/16/08									
PHYS 311	RELATIVITY RELATIVITY AND GRAVITATION COMMENT:EMAIL PREREQ CHANGE	SUM/2003 - AUT/9999	3.0	.	.	.	.	.	. Y . . .			.				
				LAST UPDT:	3/27/03	APPROVED:	9/01/86									
PHYS 315	APP MOD PHYS APPLICATIONS OF MODERN PHYSICS COMMENT:EMAIL PREREQ CHANGE	SPR/2006 - AUT/9999	3.0	.	.	.	.	.	. Y . . .			.				
				LAST UPDT:	12/13/05	APPROVED:	9/24/01									
PHYS 321	ELECTROMAGNETISM ELECTROMAGNETISM COMMENT:EMAIL PREREQ	SPR/2006 - AUT/9999	4.0	.	.	.	.	.	. Y . . .			.				
				LAST UPDT:	12/13/05											
PHYS 322	ELECTROMAGNETISM ELECTROMAGNETISM COMMENT:CHG CREDITS	SUM/2002 - AUT/9999	4.0	.	.	.	.	.	. Y . . .			.				
				LAST UPDT:	3/26/02											
PHYS 323	ELECTROMAGNETISM ELECTROMAGNETISM COMMENT:CHG CREDITS	SUM/2002 - AUT/9999	4.0	.	.	.	.	.	. Y . . .			.				
				LAST UPDT:	3/26/02											
PHYS 324	QUANTUM MECHANICS QUANTUM MECHANICS COMMENT:EMAIL PREREQ	SPR/2006 - AUT/9999	4.0	.	.	.	.	.	. Y . . .			.				
				LAST UPDT:	12/13/05											
PHYS 325	QUANTUM MECHANICS QUANTUM MECHANICS COMMENT:CHG CREDITS	SUM/2002 - AUT/9999	4.0	.	.	.	.	.	. Y . . .			.				
				LAST UPDT:	3/26/02											
PHYS 327	INTRO NUCLEAR PHYS INTRODUCTION TO NUCLEAR PHYSICS	WIN/1969 - AUT/9999	3.0	.	.	.	.	.	. Y . . .			.				
				LAST UPDT:	8/14/06											
PHYS 328	STATISTICAL PHYSICS STATISTICAL PHYSICS	SPR/1978 - AUT/9999	3.0	.	.	.	.	.	. Y . . .			.				
				LAST UPDT:	3/09/94	APPROVED:	9/01/77									
PHYS 329	MATH &CLAS MECHANICS MATHEMATICAL METHODS AND CLASSICAL MECHANICS COMMENT:WAS PHYS 229	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	. Y . . .			.				
				LAST UPDT:	2/18/09	APPROVED:	11/14/06									

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COURSE				OVER D	D	S H F	L I	L	R					
CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	-ALL U	GRD E	HYPH M R E	P & N	E C Q T	M S N	RESPONS COURSE	JOINT COURSES			I
				MAX P	SYS D		A S W	T P R G						T

PHYS	331	OPTICS LABORATORY OPTICS LABORATORY COMMENT:EMAIL PREQ CHANGE	AUT/2007 - AUT/9999	3.0	LAST UPDT: 3/26/07 FEE TYPE:1 \$50.00 BUDGET:069372 REV OBJ CD:943081	. . . Y . . . Y
PHYS	334	ELECT CIRCUITS LAB ELECTRIC CIRCUITS LABORATORY COMMENT:EMAIL PREREQ CHANGE	SUM/2003 - AUT/9999	3.0	LAST UPDT: 7/23/04 APPROVED: 6/01/77 FEE TYPE:1 \$50.00 BUDGET:069372 REV OBJ CD:943081	. . . Y . . . Y
PHYS	335	ELECT CIRCUITS LAB ELECTRIC CIRCUITS LABORATORY	SPR/1978 - AUT/9999	3.0	LAST UPDT: 7/23/04 APPROVED: 6/01/77 FEE TYPE:1 \$50.00 BUDGET:069372 REV OBJ CD:943081	. . . Y . . . Y
PHYS	342	ENERGY & ENVIRON II ENERGY AND ENVIRONMENT II COMMENT:CHG JT STATUS	AUT/2004 - AUT/9999	3.0	LAST UPDT: 3/04/05 APPROVED: 5/24/93	 Y
PHYS	400	BASIC & MODERN PHYS PHYSICS FOR HIGH SCHOOL TEACHERS	SUM/1975 - AUT/9999	10.0	LAST UPDT: 9/06/06	 Y
PHYS	401	SPECIAL PROBLEMS SPECIAL PROBLEMS	SUM/1984 - AUT/9999	0.0	30.0 . LAST UPDT: 9/29/95	
PHYS	402	SPECIAL PROBLEMS SPECIAL PROBLEMS	WIN/1986 - AUT/9999	0.0	30.0 . LAST UPDT: 9/29/95	
PHYS	403	SPECIAL PROBLEMS SPECIAL PROBLEMS	SPR/1980 - AUT/9999	0.0	30.0 . LAST UPDT: 9/29/95	
PHYS	405	PHYS SCI INQUIRY II PHYSICAL SCIENCE BY INQUIRY II COMMENT:CHANGE PREREQ, DESCRIP	AUT/1996 - AUT/9999	5.0	LAST UPDT: 3/05/03 ¹² APPROVED: 1/01/84	 Y . . . Y
PHYS	406	PHYS SCI INQUIRY II PHYSICAL SCIENCE BY INQUIRY II COMMENT:CHANGE PREREQ, DESCRIP	AUT/1996 - AUT/9999	5.0	LAST UPDT: 9/09/08 ²² APPROVED: 1/01/84	Y Y . . . Y
PHYS	407	PHYS BY INQUIRY II PHYSICS BY INQUIRY II COMMENT:CHANGE PREREQ, DESCRIP	AUT/2000 - AUT/9999	5.0	LAST UPDT: 1/18/00 APPROVED: 4/01/72	 Y . . . Y
PHYS	408	PHYS BY INQUIRY II PHYSICS BY INQUIRY II COMMENT:CHANGE PREREQ, DESCRIP	AUT/1996 - AUT/9999	5.0	LAST UPDT: 7/15/97 APPROVED: 4/01/72	 Y . . . Y

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CURRIC	COURSE NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	U P	GRD SYS	D HYPH	S H M	F U N R	E E A	L P A	I & S	E C W	C M T	Q S P	T R G	RESPONS COURSE	JOINT COURSES	M I T
PHYS	409	PHYS BY INQUIRY II PHYSICS BY INQUIRY II COMMENT:CHANGE PREREQ, DESCRIP	AUT/1996 - AUT/9999	5.0													Y			.
					LAST UPDT: 7/15/97				APPROVED: 5/01/70											
PHYS	410	INQUIRY FOR TEACHER PHYSICS BY INQUIRY FOR INSERVICE TEACHERS COMMENT:CHG MAX CR RETRO TO SPR/02	SPR/2002 - AUT/9999	1.0-02.0	30.0	Y	CR/NC	.						Y						.
					LAST UPDT: 3/10/05															
PHYS	411	LEAD TEACHER INQUIR PHYSICS BY INQUIRY FOR LEAD TEACHERS COMMENT:CHANGE TO PERM CR/NCA	AUT/2005 - AUT/9999	1.0-04.0	4.0	Y	CR/NC	.						Y						.
					LAST UPDT: 7/13/05				APPROVED:10/01/75											
PHYS	412	LEAD TEACHER INQUIR PHYSICS BY INQUIRY FOR LEAD TEACHERS COMMENT:CHANGE TO CR/NC ONLY	AUT/2005 - AUT/9999	1.0-04.0	4.0	Y	CR/NC	.						Y						.
					LAST UPDT: 7/13/05				APPROVED:10/01/75											
PHYS	413	LEAD TEACHER INQUIR PHYSICS BY INQUIRY FOR LEAD TEACHERS COMMENT:CHANGE TO CR/NC ONLY	AUT/2005 - AUT/9999	1.0-04.0	4.0	Y	CR/NC	.						Y						.
					LAST UPDT: 7/13/05				APPROVED:10/01/75											
PHYS	421	COMTEMP ATOMIC PHYS CONTEMPORARY ATOMIC PHYSICS COMMENT:CHANGE TITLES	SPR/2009 - AUT/9999	3.0										Y						.
					LAST UPDT: 1/21/09															
PHYS	422	CTMP NUCL/PART PHYS CONTEMPORARY NUCLEAR PHYSICS COMMENT:CHG ABBR TITLE	AUT/2009 - AUT/9999	3.0										Y						.
					LAST UPDT: 8/17/09															
PHYS	423	CONTEMP COND MATTER CONTEMPORARY CONDENSED MATTER PHYSICS COMMENT:CHG TITLES	SPR/2009 - AUT/9999	3.0										Y						.
					LAST UPDT: 1/21/09															
PHYS	424	MATHEMATICL PHYSICS MATHEMATICAL PHYSICS	AUT/1973 - AUT/9999	3.0										Y						.
					LAST UPDT: 4/28/09															
PHYS	425	MATHMATICL PHYSICS MATHEMATICAL PHYSICS	WIN/1974 - AUT/9999	3.0										Y						.
					LAST UPDT: 4/28/09															
PHYS	426	MATHEMATICL PHYSICS MATHEMATICAL PHYSICS	SPR/1974 - AUT/9999	3.0										Y						.
					LAST UPDT: 4/28/09															
PHYS	427	APPL OF PHYSICS APPLICATIONS OF PHYSICS	WIN/1971 - AUT/9999	1.0-03.0	12.0	Y								Y						.
					LAST UPDT: 9/06/06				APPROVED: 7/16/70											

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COURSE	NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER	OVER	D	D	S	H	F	L	I	E	C	Q	T	R	S	J	M	
CURRIC					CREDITS	-ALL	U	GRD	E	U	N	P	&	N	C	M	S	N	RESPONS	JOINT	I	
						MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	COURSE	COURSES	T	
PHYS	428	SEL TOPICS IN PHYS SELECTED TOPICS IN PHYSICS	SUM/1995	- AUT/9999	1.0-05.0	12.0	Y							Y								
						LAST	UPDT:	3/27/95						APPROVED:	7/01/70							
PHYS	429	BIOPHYSICS BIOPHYSICS	SPR/2008	- AUT/9999	3.0																	
						LAST	UPDT:	6/25/07						APPROVED:	6/20/07							
PHYS	431	MODERN PHYSICS LAB MODERN PHYSICS LABORATORY	AUT/1971	- AUT/9999	3.0								Y		Y							
						LAST	UPDT:	3/21/07														
						FEE TYPE:	1	\$50.00	BUDGET:	069372				REV	OBJ	CD:	943081					
PHYS	432	MODERN PHYSICS LAB MODERN PHYSICS LABORATORY	WIN/1973	- AUT/9999	3.0								Y		Y							
						LAST	UPDT:	2/01/10														
						FEE TYPE:	1	\$50.00	BUDGET:	069372				REV	OBJ	CD:	943081					
PHYS	433	MODERN PHYSICS LAB MODERN PHYSICS LABORATORY	SPR/2003	- AUT/9999	3.0								Y		Y							
						LAST	UPDT:	7/23/04														
		COMMENT:EMAIL PREREQ CHANGE				FEE TYPE:	1	\$50.00	BUDGET:	069372				REV	OBJ	CD:	943081					
PHYS	434	COMPT PHYS MEAS APPLICATION OF COMPUTERS TO PHYSICAL MEASUREMENT	AUT/2003	- AUT/9999	3.0								Y		Y							
						LAST	UPDT:	7/23/04						APPROVED:	3/01/75							
		COMMENT:E-MAIL PREREQ CHANGE				FEE TYPE:	1	\$50.00	BUDGET:	069372				REV	OBJ	CD:	943081					
PHYS	436	NONLINEAR DYNAMICS NONLINEAR DYNAMICS AND CHAOS	SPR/1995	- AUT/9999	4.0									Y								
						LAST	UPDT:	2/14/95						APPROVED:	12/16/94							
PHYS	441	QUANTUM PHYSICS QUANTUM PHYSICS	AUT/1978	- AUT/9999	4.0									Y								
						LAST	UPDT:	3/09/94						APPROVED:	7/01/78							
PHYS	451	WOMEN/ETHNICS SEM ISSUES FOR ETHNIC MINORITIES AND WOMEN IN SCIENCE	SPR/2000	- AUT/9999	3.0-05.0									Y					WOMEN	485	WOMEN	485
						LAST	UPDT:	3/28/00						APPROVED:	3/28/00							
PHYS	460	WATER IN ENVIRONMNT WATER IN THE ENVIRONMENT	AUT/2009	- AUT/9999	3.0									Y					ESS	424	ATM S	460
						LAST	UPDT:	8/1														

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COURSE	NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER	OVER	D	D	S	H	F	P	I	E	C	Q	T
CURRIC					CREDITS	-ALL	U	GRD	E	U	N	A	S	N	M	S	N
						MAX	P	SYS	D	HYPH	M	R	E	T	P	R	G
PHYS	491	INDEP RESEARCH INDEPENDENT RESERACH	AUT/1993	- AUT/9999	1.0-03.0	3.0	Y										Y
						LAST	UPDT:	4/11/94	APPROVED:	3/29/93							
PHYS	492	INDEP RESEARCH INDEPENDENT RESERACH	AUT/1993	- AUT/9999	1.0-03.0	3.0	Y										
						LAST	UPDT:	4/11/94	APPROVED:	3/29/93							
PHYS	493	INDEP RESEARCH INDEPENDENT RESERACH	AUT/1993	- AUT/9999	1.0-03.0	3.0	Y										
						LAST	UPDT:	4/11/94	APPROVED:	3/29/93							
PHYS	494	SEM CURRENT PROBS SEMINAR ON CURRENT PROBLEMS IN PHYSICS COMMENT:CHG CREDITS	SPR/2003	- AUT/9999	1.0	3.0	Y							Y			Y
						LAST	UPDT:	2/05/03	APPROVED:	3/29/93							
PHYS	495	SEM CURRENT PROBS SEMINAR ON CURRENT PROBLEMS IN PHYSICS COMMENT:CHG CREDITS	SPR/2003	- AUT/9999	1.0	3.0	Y							Y			
						LAST	UPDT:	2/05/03	APPROVED:	3/29/93							
PHYS	496	SEM CURRENT PROBS SEMINAR ON CURRENT PROBLEMS IN PHYSICS COMMENT:CHG CREDITS	SPR/2003	- AUT/9999	1.0	3.0	Y							Y			
						LAST	UPDT:	2/05/03	APPROVED:	3/29/93							
PHYS	499	UNDERGRAD RESEARCH UNDERGRADUATE RESEARCH	AUT/2010	- AUT/9999	1.0-06.0	18.0		CR/NC									
						LAST	UPDT:	9/21/10	APPROVED:	9/21/10							
PHYS	501	TEACHING PHYSICS TUTORIALS IN TEACHING PHYSICS	AUT/1995	- AUT/9999	1.0	2.0	Y	CR/NC									
						LAST	UPDT:	6/02/95	APPROVED:	3/29/93							
PHYS	502	TEACHING PHYSICS TUTORIALS IN TEACHING PHYSICS	AUT/1995	- AUT/9999	1.0	2.0	Y	CR/NC									
						LAST	UPDT:	6/02/95	APPROVED:	3/29/93							
PHYS	503	TEACHING PHYSICS TUTORIALS IN TEACHING PHYSICS	AUT/1995	- AUT/9999	1.0	2.0	Y	CR/NC									
						LAST	UPDT:	6/02/95	APPROVED:	3/29/93							
PHYS	505	MECHANICS MECHANICS	AUT/1996	- AUT/9999	3.0												
						LAST	UPDT:	3/19/96	APPROVED:	12/01/81							
PHYS	506	NUMERICAL METHODS NUMERICAL METHODS	AUT/1996	- AUT/9999	3.0												
						LAST	UPDT:	3/19/96	APPROVED:	12/01/81							
PHYS	507	PHYS GROUP THEORY PHYSICAL APPLICATIONS OF GROUP THEORY	SPR/1984	- AUT/9999	3.0												
						LAST	UPDT:	0/00/00	APPROVED:	6/01/83							

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CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER	D	D	S	H	F	V	L	E	E	W	RESPONS	JOINT	O				
						-ALL	U	GRD	E	U	N	P	I	N	C	M							
						MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G			I
PHYS	511	CONTEMPORARY PHYSIC TOPICS IN CONTEMPORARY PHYSICS	WIN/1997	- AUT/9999	3.0	9.0	.															.	
						LAST UPDT: 6/11/96		APPROVED: 2/23/96															.
PHYS	513	ELECTRMAG & RELTVTY ELECTROMAGNETISM AND RELATIVITY	AUT/1968	- AUT/9999	4.0	.	.															.	
						LAST UPDT: 0/00/00																	.
PHYS	514	ELECTRMAG & RELTVTY ELECTROMAGNETISM AND RELATIVITY	WIN/1996	- AUT/9999	3.0	.	.															.	
						LAST UPDT: 9/06/06																	.
PHYS	515	ELECTRMAG & RELTVTY ELECTROMAGNETISM AND RELATIVITY	SPR/1971	- AUT/9999	4.0	.	.															.	
						LAST UPDT:11/18/92																	.
PHYS	517	QUANTUM MECHANICS QUANTUM MECHANICS COMMENT:CHANGE DESCRIPTION	AUT/1998	- AUT/9999	4.0	.	.															.	
						LAST UPDT: 2/27/98																	.
PHYS	518	QUANTUM MECHANICS QUANTUM MECHANICS COMMENT:CHANGE DESCRIPTION	AUT/1998	- AUT/9999	4.0	.	.															.	
						LAST UPDT: 2/27/98																	.
PHYS	519	QUANTUM MECHANICS QUANTUM MECHANICS COMMENT:CHANGE DESCRIPTION	AUT/1998	- AUT/9999	4.0	.	.															.	
						LAST UPDT: 2/27/98																	.
PHYS	520	ADV QM-INTRO QFT ADV QUANTAM MECH-INTRO TO QUANTAM FIELD THEORY COMMENT:CHG CREDITS	AUT/2002	- AUT/9999	4.0	.	.															.	
						LAST UPDT: 3/05/02		APPROVED:10/05/92															.
PHYS	521	ADV QM-INTRO QFT ADV QUANTUM MECHANIC-INTRO TO QUANTUM FIELD THEORY	WIN/1993	- AUT/9999	3.0	.	.															.	
						LAST UPDT:11/19/92		APPROVED:10/05/92															.
PHYS	522	INTRO MODERN QFT ADVANCED QUANTUM MECHANICS:INTROD TO MODERN QFT	SUM/1997	- AUT/9999	3.0	.	CR/NC	.														.	
						LAST UPDT: 1/31/97		APPROVED:10/05/92															.
PHYS	524	THERMO & STAT MECH THERMODYNAMICS AND STATISTICAL MECHANICS	WIN/1996	- AUT/9999	4.0	.	.															.	
						LAST UPDT: 8/28/96																	.
PHYS	525	STATISTICAL MECH STATISTICAL MECHANICS	AUT/1996	- AUT/9999	3.0	.	.															.	
						LAST UPDT: 3/19/96																	.
PHYS	527	CURRENT PROBS PHYS CURRENT PROBLEMS IN PHYSICS	AUT/1992	- AUT/9999	1.0	.	CR/NC	.														.	
						LAST UPDT:12/15/92		APPROVED: 5/29/92															.

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COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS			MAX P	SYS	D HYPH	M R E	L I A S W T P R G	E E N C M S N	Q T	RESPONS COURSE	JOINT COURSES				
PHYS	528	CURRENT PROBS PHYS CURRENT PROBLEMS IN PHYSICS	WIN/1993 - AUT/9999	1.0						CR/NC								.
					LAST UPDT:	12/15/92			APPROVED:	5/29/92	.	.	.					.
PHYS	529	CURRENT PROBS PHYS CURRENT PROBLEMS IN PHYSICS	AUT/1969 - AUT/9999	1.0														.
					LAST UPDT:	1/06/93					.	.	.	.	.	.	.	.
PHYS	530	LASER PHYSICS LASER PHYSICS COMMENT:WAS PHYS 580	SPR/1994 - AUT/9999	4.0														.
					LAST UPDT:	9/06/06			APPROVED:	12/06/93	.	.	.					.
PHYS	532	LIQ CRYSTAL DEVICES LIQUID CRYSTAL DEVICES COMMENT:WAS PHYS 582	SPR/1994 - AUT/9999	4.0														.
					LAST UPDT:	9/06/06			APPROVED:	12/06/93	.	.	.					.
PHYS	536	INTRO ACOUSTICS/DSP INTRODUCTION TO ACOUSTICS AND DIGITAL SIGNAL PROCES	AUT/2004 - AUT/9999	4.0														.
					LAST UPDT:	11/19/04			APPROVED:	8/20/04	.	.	.					.
PHYS	541	APPL OF QUANT PHYS APPLICATIONS OF QUANTUM PHYSICS	SPR/1979 - AUT/9999	4.0														.
					LAST UPDT:	0/00/00			APPROVED:	7/01/78	.	.	.					.
PHYS	542	NUMERICAL METHODS NUMERICAL METHODS IN PHYSICS COMMENT:CHANGE CAT DATA AND PREREQ	WIN/1999 - AUT/9999	4.0														.
					LAST UPDT:	6/25/98			APPROVED:	5/01/81	.	.	.					.
PHYS	543	ELECTROMAG THEORY ELECTROMAGNETIC THEORY	WIN/1999 - AUT/9999	4.0														.
					LAST UPDT:	9/10/99			APPROVED:	4/01/82	.	.	.					.
PHYS	544	APP ELECTMAG THY APPLICATIONS OF ELECTROMAGNETIC THEORY COMMENT:ALSO CHANGE CAT DATA	WIN/1999 - AUT/9999	4.0														.
					LAST UPDT:	6/25/98			APPROVED:	12/01/80	.	.	.					.
PHYS	545	CONTEMPORARY OPTICS CONTEMPORARY OPTICS	AUT/1979 - AUT/9999	4.0														.
					LAST UPDT:	0/00/00			APPROVED:	6/01/79	.	.	.					.
PHYS	546	CONDNSD MATTER PHYS CONDENSED-MATTER PHYSICS COMMENT:CHANGE CAT DATA	WIN/1999 - AUT/9999	4.0														.
					LAST UPDT:	6/25/98			APPROVED:	10/01/79	.	.	.					.
PHYS	547	RESEARCH ELECTRNIC ELECTRONICS FOR PHYSICS RESEARCH	SPR/1980 - AUT/9999	4.0														.
					LAST UPDT:	0/00/00			APPROVED:	10/01/79	.	.	.					.
PHYS	549	LOW TEMP PHYSICS LOW TEMPERATURE PHYSICS AND CRYOGENETICS	SPR/1982 - AUT/9999	4.0														.
					LAST UPDT:	0/00/00			APPROVED:	6/01/81	.	.	.					.

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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
PHYS	550	ATOMIC PHYSICS ATOMIC PHYSICS	WIN/1973 -	AUT/9999	3.0										
						LAST UPDT:	9/06/06								
PHYS	551	ATOMIC PHYSICS ATOMIC PHYSICS	SPR/1973 -	AUT/9999	3.0										
						LAST UPDT:	9/06/06	APPROVED:	8/31/72						
PHYS	552	COSMIC RAY PHYSICS INTRODUCTION TO COSMIC RAY PHYSICS	SUM/1997 -	AUT/9999	3.0										
						LAST UPDT:	9/06/06	APPROVED:	1/21/71						
PHYS	554	NUCLEAR ASTROPHYSIC NUCLEAR ASTROPHYSICS	AUT/1998 -	AUT/9999	3.0								PHYS 554	ASTR 510	
						LAST UPDT:	2/27/98	APPROVED:	2/25/98						
PHYS	555	COSMOL/PART ASTRPHY COSMOLOGY AND PARTICLE ASTROPHYSICS COMMENT:DROP JOINT STATUS	SPR/2009 -	AUT/9999	3.0										
						LAST UPDT:	5/19/08								
PHYS	557	HIGH ENERGY PHYSICS HIGH ENERGY PHYSICS COMMENT:CHANGE DESCRIPTION	AUT/1998 -	AUT/9999	3.0										
						LAST UPDT:	2/27/98	APPROVED:	5/01/71						
PHYS	558	HIGH ENERGY PHYSICS HIGH ENERGY PHYSICS COMMENT:CHANGE DESCRIPTION	AUT/1998 -	AUT/9999	3.0										
						LAST UPDT:	2/27/98	APPROVED:	5/01/71						
PHYS	559	HIGH ENERGY PHYSICS HIGH ENERGY PHYSICS COMMENT:CHANGE DESCRIPTION	AUT/1998 -	AUT/9999	3.0										
						LAST UPDT:	2/27/98	APPROVED:	5/01/71						
PHYS	560	THRTCL NUCLEAR PHYS THEORETICAL NUCLEAR PHYSICS	AUT/1975 -	AUT/9999	3.0										
						LAST UPDT:	0/00/00								
PHYS	561	THRTCL NUCLEAR PHYS THEORETICAL NUCLEAR PHYSICS	WIN/1980 -	AUT/9999	3.0										
						LAST UPDT:	0/00/00								
PHYS	564	GENERAL RELATIVITY GENERAL RELATIVITY	WIN/1969 -	AUT/9999	3.0										
						LAST UPDT:	0/00/00								
PHYS	565	GENERAL RELATIVITY GENERAL RELATIVITY	SPR/1978 -	AUT/9999	3.0										
						LAST UPDT:	0/00/00								
PHYS	567	THEORY OF SOLIDS THEORY OF SOLIDS COMMENT:CHANGE PREREQUISITE,DESCRIPTI	AUT/1998 -	AUT/9999	3.0										
						LAST UPDT:	2/27/98	APPROVED:	2/25/98						

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CURRIC	COURSE NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	MAX P	P	SYS	D HYPH	M R E	A S	W T P R G					
PHYS	583	SEM REL ASTROPHYS SEMINAR IN RELATIVISTIC ASTROPHYSICS COMMENT:CHANGE CREDITS	WIN/2002 - AUT/9999	1.0-03.0	20.0 Y	CR/NC .		LAST UPDT: 9/25/01	APPROVED:12/06/93	.	.	.				.
PHYS	584	SMNR ATOMIC PHYS SEMINAR IN RECENT DEVELOPMENTS IN ATOMIC PHYSICS COMMENT:CHANGE TITLES	WIN/2004 - AUT/9999	1.0-03.0	20.0 Y	CR/NC .		LAST UPDT: 8/12/03	APPROVED:12/06/93	.	.	.				.
PHYS	585	SMNR EXP NUC PHYS SEMINAR IN EXPERIMENTAL NUCLEAR PHYSICS COMMENT:CHANGE CREDITS	WIN/2002 - AUT/9999	1.0-03.0	20.0 Y	CR/NC .		LAST UPDT: 9/25/01	APPROVED:12/06/93	.	.	.				.
PHYS	586	SMNR CONDENSED MATT SEMINAR IN CONDENSED MATTER PHYSICS COMMENT:CHANGE CREDITS	WIN/2002 - AUT/9999	1.0-03.0	20.0 Y	CR/NC .		LAST UPDT: 9/25/01	APPROVED:12/01/77	.	.	.				.
PHYS	587	SMNR NUCLEAR THEORY SEMINAR IN NUCLEAR THEORY COMMENT:CHANGE CREDITS	WIN/2002 - AUT/9999	1.0-03.0	20.0 Y	CR/NC .		LAST UPDT: 9/25/01	APPROVED:12/01/77	.	.	.				.
PHYS	588	PRTCL ASTROPHYS SEM PARTICLE ASTROPHYSICS SEMINAR COMMENT:CHANGE CREDITS	WIN/2002 - AUT/9999	1.0-03.0	20.0 Y	CR/NC .		LAST UPDT: 9/25/01	APPROVED:12/01/77	.	.	.				.
PHYS	589	SEM PRB PHYSICS ED SEMINAR IN PROBLEMS OF PHYSICS EDUCATION COMMENT:CHANGE CREDITS	WIN/2002 - AUT/9999	1.0-03.0	20.0 Y	CR/NC .		LAST UPDT: 9/25/01	APPROVED:12/01/77	.	.	.				.
PHYS	590	SMNR STAT PHYSICS SEMINAR IN STATISTICAL PHYSICS COMMENT:CHANGE CREDITS	WIN/2002 - AUT/9999	1.0-03.0	20.0 Y	CR/NC .		LAST UPDT: 9/25/01	APPROVED:12/06/93	.	.	.				.
PHYS	600	INDEPNONT STDY/RSCH INDEPENDENT STUDY OR RESEARCH	SPR/1977 - AUT/9999	0.0	999.0 .	CR/NC .	11	LAST UPDT: 4/19/10	.	.	.					.
PHYS	800	DOCTORAL DISSERTATN DOCTORAL DISSERTATION	SPR/1977 - AUT/9999	0.0	999.0 .	CR/NC .	11	LAST UPDT: 4/19/10	.	.	.					.