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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

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COLLEGE : C - Arts & Sciences
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CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D D S H F L I E C Q T										RESPONS COURSE	JOINT COURSES	O M I T
						-ALL U	GRD	E	HYPH	UNE	P & N	A S	W T	P R	G			
AMATH	301	BEG SCI COMPUTING BEGINNING SCIENTIFIC COMPUTING COMMENT:CHG DESC, PREQ	AUT/2008 - AUT/9999		4.0								Y					.
						LAST UPDT:	5/19/08			APPROVED:	2/23/96							
AMATH	351	DIFF EQUATIONS INTRODUCTION TO DIFFERENTIAL EQUATIONS AND APPL...	AUT/2002 - AUT/9999		3.0								Y					.
		COMMENT:CHANGE PREREQUISITE				LAST UPDT:	3/04/02											
AMATH	352	LINR ALG & NUM ONLY APPLIED LINEAR ALGEBRA AND NUMERICAL ANALYSIS COMMENT:CHANGE COURSE DESCRIPT	AUT/2000 - AUT/9999		3.0								Y					.
						LAST UPDT:	12/27/99											
AMATH	353	PARTIAL DIFF EQNS FOURIER ANALYSIS AND PARTIAL DIFFERENTIAL EQUATION COMMENT:PREREQ CHANGE	SPR/2000 - AUT/9999		3.0								Y					.
						LAST UPDT:	1/14/00			APPROVED:	10/23/80							
AMATH	383	INTRODUCT MODELING INTRODUCTION TO CONTINUOUS MATHEMATICAL MODELING COMMENT:PREREQ CHANGE	SPR/2000 - AUT/9999		3.0								Y					.
						LAST UPDT:	1/14/00			APPROVED:	12/06/93							
AMATH	401	VEC CAL COMPLEX VAR VECTOR CALCULUS AND COMPLEX VARIABLES COMMENT:CHG DESC	AUT/2009 - SUM/2011		4.0								Y					.
						LAST UPDT:	11/16/10			APPROVED:	2/28/94							
AMATH	401	VEC CAL COMPLEX VAR VECTOR CALCULUS AND COMPLEX VARIABLES COMMENT:CHG CREDITS	AUT/2011 - AUT/9999		4.0								Y					.
						LAST UPDT:	11/16/10			APPROVED:	2/28/94							
AMATH	402	DYNAMCL SYSTS&CHAOS INTRODUCTION TO DYNAMICAL SYSTEMS AND CHAOS COMMENT:CHG DESC	AUT/2009 - AUT/9999		4.0								Y					.
						LAST UPDT:	9/14/09			APPROVED:	2/28/94							
AMATH	403	METHODS PAR DIFF EQ METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS COMMENT:CHG DESC	AUT/2009 - AUT/9999		4.0								Y					.
						LAST UPDT:	9/14/09											
AMATH	422	COMP MODELS BIOLOGY COMPUTATIONAL MODELING OF BIOLOGICAL SYSTEMS COMMENT:CHG TITLES, DESC	SPR/2011 - AUT/9999		3.0								Y					.
						LAST UPDT:	11/16/10			APPROVED:	1/24/96							
AMATH	423	MATH ANALYS BIO MED MATHEMATICAL ANALYSIS IN BIOLOGY AND MEDICINE COMMENT:CHG TITLES, DESC	SPR/2011 - AUT/9999		3.0								Y					.
						LAST UPDT:	12/20/10			APPROVED:	1/24/96							

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AMATH 424	MATH BIO SPAT MODS MATHEMATICAL BIOLOGY:	AUT/2009 - AUT/9999	3.0		LAST UPDT: 9/16/09			APPROVED: 9/15/09	.	.	.			.
AMATH 481	SCIENTIFIC COMPTG SCIENTIFIC COMPUTING	AUT/2009 - AUT/9999	5.0		LAST UPDT: 9/16/09			APPROVED: 9/15/09	.	.	.			.
AMATH 482	COMP METH DATA ANLY COMPUTATIONAL METHODS FOR DATA ANALYSIS	AUT/2009 - AUT/9999	5.0		LAST UPDT: 9/16/09			APPROVED: 9/15/09	.	.	.			.
AMATH 483	HI-PRFM SCI COMPG HIGH-PERFORMANCE SCIENTIFIC COMPUTING	AUT/2009 - AUT/9999	5.0		LAST UPDT: 9/16/09			APPROVED: 9/15/09	.	.	.			.
AMATH 490	SPECIAL TOPICS SPECIAL TOPICS	AUT/1999 - AUT/9999	1.0-05.0	15.0	LAST UPDT: 5/04/00			APPROVED: 2/22/99	.	.	.			.
AMATH 498	SR PROJECT/THESIS SENIOR PROJECT OR THESIS	WIN/1999 - AUT/9999	1.0-06.0	6.0	LAST UPDT: 5/29/98			APPROVED: 5/27/98	.	.	.			.
AMATH 499	READING/RESEARCH UNDERGRADUATE READING AND RESEARCH	WIN/1999 - AUT/9999	1.0-06.0	6.0	LAST UPDT: 5/29/98	CR/NC		APPROVED: 5/27/98	.	.	.			.
AMATH 500	SPEC STDY APPL MATH SPECIAL STUDIES IN APPLIED MATHEMATICS COMMENT:CHG MAX CREDITS	SPR/2011 - AUT/9999	0.0	24.0 Y	LAST UPDT: 4/18/11			APPROVED: 1/01/86	.	.	.			.
AMATH 501	VEC CAL COMPLEX VAR VECTOR CALCULUS AND COMPLEX VARIABLES COMMENT:10-12 PREQ CHG	AUT/2010 - AUT/9999	5.0		LAST UPDT: 4/05/10			APPROVED: 9/15/09	.	.	.			.
AMATH 502	INTRO DYN SYS & CH INTRODUCTION TO DYNAMICAL SYSTEMS AND CHAOS COMMENT:10-12 PREQ CHG	AUT/2010 - AUT/9999	5.0		LAST UPDT: 4/05/10			APPROVED: 9/15/09	.	.	.			.
AMATH 503	METHODS PAR DIFF EQ METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS COMMENT:10-12 PREQ CHG	AUT/2010 - AUT/9999	5.0		LAST UPDT: 4/05/10			APPROVED: 9/15/09	.	.	.			.
AMATH 504	MATHTCL EPIDLGY MATHEMATICAL EPIDEMIOLOGY COMMENT:CHG TTL,DESC,PREQ,CREDITS	WIN/2010 - AUT/9999	5.0		LAST UPDT: 5/20/09			APPROVED:10/01/89	.	.	.			.
AMATH 505	FLUID DYNAMICS INTRODUCTION TO FLUID DYNAMICS COMMENT:MOVE JT COLLEGE	SPR/2010 - AUT/9999	4.0		LAST UPDT: 2/10/10			APPROVED:10/05/92	.	.	.	AMATH 505 ATM S 505 OCEAN 511		.

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COURSE						QUARTER		OVER D		D		S H F		V L I		E E W						M		
CURRIC	NUM	TITLE	EFFECTIVE	QUARTERS	CREDITS	-ALL	U	GRD	E	HYPH	M	R	E	P	&	N	C	M	S	N	RESPONS	JOINT	I	
						MAX	P	SYS	D					A	S	T	P	R	G	COURSE	COURSES	T		
AMATH	506	APPL PROB AND STATS APPLIED PROBABILITY AND STATISTICS COMMENT:CHG TITLES, DESCRIP	AUT/2000 - AUT/9999		4.0															STAT	506	STAT	506	.
						LAST	UPDT:	2/01/00						APPROVED:	12/06/91									.
AMATH	507	CAL VARIATIONS CALCULUS OF VARIATIONS COMMENT:CHG TITLES	AUT/2004 - AUT/9999		5.0																			.
						LAST	UPDT:	3/29/04						APPROVED:	12/01/83									.
AMATH	509	OPTIMAL CONTROL THEORY OF OPTIMAL CONTROL	SPR/1988 - AUT/9999		3.0															MATH	509	MATH	509	.
						LAST	UPDT:	8/30/94						APPROVED:	5/30/86									.
AMATH	512	METH OF ENGR ANALYS METHODS OF ENGINEERING ANALYSIS COMMENT:REPLACES AMATH 400	WIN/1998 - SUM/2011		3.0															AMATH	512	CHEM	E512	.
						LAST	UPDT:	5/19/11						APPROVED:	2/01/88									.
AMATH	512	METH OF ENGR ANALYS METHODS OF ENGINEERING ANALYSIS COMMENT:CHG RESP DEPT	AUT/2011 - AUT/9999		3.0															CHEM	E512	CHEM	E512	.
						LAST	UPDT:	5/19/11						APPROVED:	2/01/88									.
AMATH	514	NETWORK OPTIMIZIN NETWORKS AND COMBINATORIAL OPTIMIZATION COMMENT:EXTENDED FROM TEMPORARY	AUT/1986 - AUT/9999		3.0															MATH	514	MATH	514	.
						LAST	UPDT:	11/01/99						APPROVED:	5/30/86									.
AMATH	515	FUNDAMNTL OPTIMIZTN FUNDAMENTALS OF OPTIMIZATION	AUT/1999 - AUT/9999		5.0															MATH	515	MATH	515	.
						LAST	UPDT:	11/03/99						APPROVED:	3/28/94						IND	E	515	.
AMATH	516	NUMERICAL OPTIMIZTN NUMERICAL OPTIMIZATION	SPR/1986 - AUT/9999		3.0															MATH	516	MATH	516	.
						LAST	UPDT:	8/30/94						APPROVED:	5/30/86									.
AMATH	517	OPTIMIZTN UNCERTNTY OPTIMIZATION UNDER UNCERTAINTY	AUT/1985 - AUT/9999		3.0															AMATH	517	MATH	517	.
						LAST	UPDT:	8/30/94						APPROVED:	6/01/85									.
AMATH	521	SPEC TOPICS MATH BIO SPECIAL TOPICS IN MATHEMATICAL BIOLOGY COMMENT:CHG TITLES, CREDITS, MAX, DESC	AUT/2000 - AUT/9999		5.0																			.
						15.0								LAST	UPDT:	2/29/00				APPROVED:	1/30/92			.
AMATH	522	INTRO MATH BIO INTRODUCTION TO MATHEMATICAL BIOLOGY COMMENT:10-12 PREQ CHG	AUT/2010 - AUT/9999		5.0																			.
						LAST	UPDT:	4/05/10						APPROVED:	9/15/09									.
AMATH	523	MATH ANALYS BIO &MED MATHEMATICAL ANALYSIS IN BIOLOGY AND MEDICINE COMMENT:CHG TITLES, DESC	SPR/2011 - AUT/9999		5.0																			.
						LAST	UPDT:	2/10/11						APPROVED:	9/15/09									.

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COURSE		TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		D	S	H	F	V	L	E	E	W	R					
CURRIC	NUM					MAX	P													GRD	HY	PH
																		COURSE	COURSES			
AMATH	524	MATH BIO: SPAT MODS MATHEMATICAL BIOLOGY: SPATIOTEMPORAL MODELS COMMENT:10-12 PREQ CHG	AUT/2010 -	AUT/9999	5.0																	
						LAST	UPDT:	4/05/10			APPROVED:	9/15/09										
AMATH	525	MATH ANLYS BIO &MED MATHEMATICAL ANALYSIS IN BIOLOGY AND MEDICINE	SPR/2011 -	AUT/9999	5.0																	
						LAST	UPDT:	2/10/11			APPROVED:	12/21/10										
AMATH	531	THEORY CELL DYNAM MATHEMATICAL THEORY OF CELLUAR DYNAMICS	AUT/2010 -	AUT/9999	3.0																	
						LAST	UPDT:	6/16/10			APPROVED:	6/15/10										
AMATH	533	MOVEMENT CONTROL NEURAL CONTROL OF MOVEMENT: A COMPUTATIONAL PERSPE	WIN/2011 -	AUT/9999	3.0													AMATH 533 CSE	529			
						LAST	UPDT:	1/03/11			APPROVED:	12/21/10										
AMATH	535	MATH ECOLOGY MATHEMATICAL ECOLOGY	SPR/2011 -	AUT/9999	5.0																	
						LAST	UPDT:	2/02/11			APPROVED:	12/31/10										
AMATH	540	INTRO CMPFIN/FINECN INTRO TO COMPUTATIONAL FINANCE & FIN ECONOMETRICS	SUM/2011 -	AUT/9999	5.0																	
						LAST	UPDT:	5/03/11			APPROVED:	4/19/11										
AMATH	551	TRADING SYSTEMS FOUNDATIONS OF TRADING SYSTEMS	SUM/2011 -	AUT/9999	3.0																	
						LAST	UPDT:	5/03/11			APPROVED:	4/19/11										
AMATH	552	PORTFOLIO PERFORM PORTFOLIO PERFORMANCE ANALYSIS AND BENCHMARKING	AUT/2011 -	AUT/9999	2.0																	
						LAST	UPDT:	6/22/11			APPROVED:	6/21/11										
AMATH	567	APPLIED ANALYSIS APPLIED ANALYSIS COMMENT:CHG TITLES, DESC	AUT/2009 -	AUT/9999	5.0																	
						LAST	UPDT:	9/29/09														
AMATH	568	ADV METHODS ODE ADVANCED METHODS FOR ORDINARY DIFFERENTIAL EQUATIO COMMENT:CHANGE TITLES	WIN/2005 -	AUT/9999	5.0																	
						LAST	UPDT:	2/05/10			APPROVED:	6/07/79										
AMATH	569	ADV METHOD PDE ADVANCED METHODS FOR PARTIAL DIFFERENTIAL EQUATION COMMENT:CHANGE TITLES	SUM/2005 -	AUT/9999	5.0																	
						LAST	UPDT:	3/29/04														
AMATH	570	ASYM PERT METH ASYMPTOTIC AND PERTURBATION COMMENT:CHG TITLES, DESCRIPTION	AUT/2004 -	AUT/9999	5.0																	
						LAST	UPDT:	3/29/04			APPROVED:	3/13/97										
AMATH	571	SPECTRAL METHODS SPECTRAL METHODS COMMENT:CHG TITLES, DESCRIPTION	WIN/2005 -	AUT/9999	5.0																	
						LAST	UPDT:	3/29/04			APPROVED:	3/13/97										

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AMATH 572	INTRO APP STOCH INTRODUCTION TO APPLIED STOCHASTIC ANALYSIS COMMENT:CHG TITLES, DESCRIP, PREREQ	SUM/2005 - AUT/9999	5.0		LAST UPDT: 3/29/04			APPROVED: 3/13/97						.
AMATH 573	COH STR, PATRN & F&S COHERENT STRUCTURES, PATTERN FORMATION & SOLITONS COMMENT:CHG TITLES, DESC	AUT/2009 - AUT/9999	5.0		LAST UPDT: 4/20/09			APPROVED: 3/29/04						.
AMATH 574	CNSRV LAW/FINIT VOL CONSERVATION LAWS AND FINITE VOLUME METHODS	WIN/2005 - AUT/9999	5.0		LAST UPDT:11/04/04			APPROVED:10/25/04						.
AMATH 575	DYNAMICAL SYSTEMS DYNAMICAL SYSTEMS COMMENT:WAS AMATH 574;CHG TITLE,CR	WIN/2005 - AUT/9999	5.0		LAST UPDT:11/01/04			APPROVED: 2/28/94						.
AMATH 579	INTELLIGENT CONTROL INTELLIGENT CONTROL THROUGH LEARNING &OPTIMIZATION	SPR/2010 - AUT/9999	3.0		LAST UPDT: 3/15/10			APPROVED: 2/16/10				AMATH 579 CSE	579	.
AMATH 581	SCIENTIFIC COMPUTING SCIENTIFIC COMPUTING COMMENT:10-12 PREQ CHG	AUT/2010 - AUT/9999	5.0		LAST UPDT: 4/05/10			APPROVED: 1/24/96						.
AMATH 582	COMP METH DATA ANLY COMPUTATIONAL METHODS FOR DATA ANAYLSIS	AUT/2009 - AUT/9999	5.0		LAST UPDT: 9/16/09			APPROVED: 9/15/09						.
AMATH 583	HI-PRFM SCI COMPG HIGH-PERFORMANCE SCIENTIFIC COMPUTING COMMENT:10-12 PREQ CHG	AUT/2010 - AUT/9999	5.0		LAST UPDT: 4/05/10			APPROVED: 9/15/09						.
AMATH 584	APPL LINEAR ALGEBRA APPLIED LINEAR ALGEBRA AND INTRODUCTORY NUMERICAL COMMENT:CHANGE TITLES	AUT/2002 - AUT/9999	5.0		LAST UPDT: 2/05/10			APPROVED: 6/07/79				AMATH 584 MATH	584	.
AMATH 585	BOUNDARY VALUE PROBS NUMERICAL ANALYSIS OF BOUNDARY VALUE PROBLEMS COMMENT:CHG PREQS	AUT/2007 - AUT/9999	5.0		LAST UPDT: 2/05/10			APPROVED: 6/07/79				AMATH 585 MATH	585	.
AMATH 586	TIME DEPNDT PROBS NUMERICAL ANALYSIS OF TIME DEPENDENT PROBLEMS COMMENT:CHG JT STATUS	AUT/2009 - AUT/9999	5.0		LAST UPDT: 2/05/10			APPROVED: 6/07/79				AMATH 586 MATH ATM S	586 581	.
AMATH 594	SPCL TPCS NUM ANLYS SPECIAL TOPICS IN NUMERICAL ANALYSIS	AUT/1994 - AUT/9999	2.0-03.0	15.0 Y	LAST UPDT: 9/22/94			APPROVED:11/01/84				MATH 594 MATH	594	.

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CURRIC	NUM				TITLE	-ALL U	GRD E	U N E	L I				L E C Q T	P & N C M S N
					MAX P	SYS D	HYPH M R E	A S W T P R G		COURSE	COURSES	M I T		
AMATH	595	SPCL TPCS NUM ANLYS	AUT/1994 - AUT/9999	2.0-03.0	15.0 Y	.	.	.	.	MATH	595	MATH	595	.
		SPECIAL TOPICS IN NUMERICAL ANALYSIS			LAST UPDT: 9/22/94		APPROVED: 11/01/84							
AMATH	596	SPEC TPCS NUM ANLYS	AUT/1994 - AUT/9999	2.0-03.0	15.0 Y	.	.	.	.	MATH	596	MATH	596	.
		SPECIAL TOPICS IN NUMERICAL ANALYSIS			LAST UPDT: 9/22/94		APPROVED: 11/01/84							
AMATH	600	INDEPN DNT RSCH/STDY	WIN/1977 - AUT/9999	0.0	999.0 . CR/NC . 11	.	.	.	.					.
		INDEPENDENT RESEARCH OR STUDY			LAST UPDT: 4/19/10		APPROVED: 6/01/81							
AMATH	700	MASTERS THESIS	AUT/1976 - AUT/9999	0.0	999.0 . CR/NC . 11	.	.	.	.					.
		MASTERS THESIS			LAST UPDT: 4/19/10		APPROVED: 6/01/81							
AMATH	800	DOCTORAL DISSERTATN	AUT/1976 - AUT/9999	0.0	999.0 . CR/NC . 11	.	.	.	.					.
		DOCTORAL DISSERTATION			LAST UPDT: 4/19/10		APPROVED: 6/01/81							