



DATE: 10-11-2010  
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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
 DETAILED CURRICULUM REPORT  
 Seattle CAMPUS

REPORT: SR21010-R-01 I  
 PAGE: 60

COLLEGE : C - Arts & Sciences  
 DEPARTMENT: APPLIED MATHEMATICS

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	E	U	N	E	P	N	C			
AMATH 424	MATH BIO SPAT MODS MATHEMATICAL BIOLOGY: SPATIOTEMPORAL MODELS	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	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:	5/29/98	APPROVED:	5/27/98										
AMATH 500	SPEC STDY APPL MATH SPECIAL STUDIES IN APPLIED MATHEMATICS	AUT/1986 - AUT/9999	0.0	12.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:	8/22/95	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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				-ALL U	GRD	E	U N E	P & N C M S N	A S W T P R G	MAX	P	SYS	D	HYPH	M				R	E	
AMATH 506	APPL PROB AND STATS APPLIED PROBABILITY AND STATISTICS COMMENT:CHG TITLES, DESCRIP	AUT/2000 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	STAT 506	STAT 506	.
AMATH 507	CAL VARIATIONS CALCULUS OF VARIATIONS COMMENT:CHG TITLES	AUT/2004 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.
AMATH 509	OPTIMAL CONTROL THEORY OF OPTIMAL CONTROL	SPR/1988 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	MATH 509	MATH 509	.
AMATH 510	COMP BIO & CHEM COMPUTATIONAL BIOLOGY AND CHEMISTRY	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.
AMATH 512	METH OF ENGR ANALYS METHODS OF ENGINEERING ANALYSIS COMMENT:REPLACES AMATH 400	WIN/1998 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	AMATH 512	CHEM E512	.
AMATH 514	NETWORK OPTIMIZIN NETWORKS AND COMBINATORIAL OPTIMIZATION COMMENT:EXTENDED FROM TEMPORARY	AUT/1986 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	MATH 514	MATH 514	.
AMATH 515	FUNDAMNTL OPTIMIZTN FUNDAMENTALS OF OPTIMIZATION	AUT/1999 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	MATH 515	MATH 515 IND E 515	.
AMATH 516	NUMERICAL OPTIMIZTN NUMERICAL OPTIMIZATION	SPR/1986 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	MATH 516	MATH 516	.
AMATH 517	OPTIMIZTN UNCERTNTY OPTIMIZATION UNDER UNCERTAINTY	AUT/1985 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	AMATH 517	MATH 517	.
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	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.
AMATH 522	INTRO MATH BIO INTRODUCTION TO MATHEMATICAL BIOLOGY COMMENT:10-12 PREQ CHG	AUT/2010 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.
AMATH 523	MATH BIO:STOCH MODS MATHEMATICAL BIOLOGY: STOCHASTIC MODELS	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.



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				-ALL U	GRD E								
AMATH 579	INTELLIGENT CONTROL THROUGH LEARNING & OPTIMIZATION	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	AMATH 579 CSE	579	.
				LAST UPDT: 3/15/10		APPROVED: 2/16/10							
AMATH 581	SCIENTIFIC COMPUTING	AUT/2010 - AUT/9999	5.0	.	.	.	.	.	.	.			.
	COMMENT:10-12 PREQ CHG			LAST UPDT: 4/05/10		APPROVED: 1/24/96							
AMATH 582	COMP METH DATA ANLYS	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.			.
	COMPUTATIONAL METHODS FOR DATA ANALYSIS			LAST UPDT: 9/16/09		APPROVED: 9/15/09							
AMATH 583	HI-PERFM SCI COMPG	AUT/2010 - AUT/9999	5.0	.	.	.	.	.	.	.			.
	HIGH-PERFORMANCE SCIENTIFIC COMPUTING			LAST UPDT: 4/05/10		APPROVED: 9/15/09							
	COMMENT:10-12 PREQ CHG												
AMATH 584	APPL LINEAR ALGEBRA	AUT/2002 - AUT/9999	5.0	.	.	.	.	.	.	.	AMATH 584 MATH	584	.
	APPLIED LINEAR ALGEBRA AND INTRODUCTORY NUMERICAL			LAST UPDT: 2/05/10		APPROVED: 6/07/79							
	COMMENT:CHANGE TITLES												
AMATH 585	BOUNDARY VALUE PROBS	AUT/2007 - AUT/9999	5.0	.	.	.	.	.	.	.	AMATH 585 MATH	585	.
	NUMERICAL ANALYSIS OF BOUNDARY VALUE PROBLEMS			LAST UPDT: 2/05/10		APPROVED: 6/07/79							
	COMMENT:CHG PREQS												
AMATH 586	TIME DEPNDT PROBS	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	AMATH 586 MATH	586	.
	NUMERICAL ANALYSIS OF TIME DEPENDENT PROBLEMS			LAST UPDT: 2/05/10		APPROVED: 6/07/79					ATM S	581	.
	COMMENT:CHG JT STATUS												
AMATH 594	SPCL TPCS NUM ANLYS	AUT/1994 - AUT/9999	2.0-03.0	15.0	Y	.	.	.	.	.	MATH 594 MATH	594	.
	SPECIAL TOPICS IN NUMERICAL ANALYSIS			LAST UPDT: 9/22/94		APPROVED: 11/01/84							
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							