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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

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COLLEGE : C - Arts & Sciences
DEPARTMENT: APPLIED MATHEMATICS

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 G	RESPONS COURSE	JOINT COURSES	O M I T
AMATH 301	BEG SCI COMPUTING BEGINNING SCIENTIFIC COMPUTING	AUT/2013 -	AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/20/13 APPROVED: 2/23/96									
COMMENT:EMAIL PREQ CHG														
AMATH 351	DIFF EQUATIONS INTRODUCTION TO DIFFERENTIAL EQUATIONS AND APPLICATIONS	AUT/2013 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 9/17/13									
COMMENT:CHG DESC														
AMATH 352	LINR ALG & NUM ANLY APPLIED LINEAR ALGEBRA AND NUMERICAL ANALYSIS	AUT/2000 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT:12/27/99									
COMMENT:CHANGE COURSE DESCRIPT														
AMATH 353	PARTIAL DIFF EQNS FOURIER ANALYSIS AND PARTIAL DIFFERENTIAL EQUATIONS	SPR/2000 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 1/14/00 APPROVED:10/23/80									
COMMENT:PREREQ CHANGE														
AMATH 383	INTRODUCT MODELING INTRODUCTION TO CONTINUOUS MATHEMATICAL MODELING	SPR/2000 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 1/14/00 APPROVED:12/06/93									
COMMENT:PREREQ CHANGE														
AMATH 401	VEC CAL COMPLEX VAR VECTOR CALCULUS AND COMPLEX VARIABLES	AUT/2013 -	AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 3/20/13 APPROVED: 2/28/94									
COMMENT:CHG PREQ, DESC														
AMATH 402	DYNAMCL SYSTS&CHAOS INTRODUCTION TO DYNAMICAL SYSTEMS AND CHAOS	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 9/14/09 APPROVED: 2/28/94									
COMMENT:CHG DESC														
AMATH 403	METHODS PAR DIFF EQ METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS	AUT/2013 -	AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/20/13									
COMMENT:EMAIL PREQ CHG														
AMATH 422	COMP MODELS BIOLOGY COMPUTATIONAL MODELING OF BIOLOGICAL SYSTEMS	AUT/2013 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 9/17/13 APPROVED: 1/24/96									
COMMENT:CHG DESC														

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AMATH 423	MATH ANLYS BIO MED MATHEMATICAL ANALYSIS IN BIOLOGY AND MEDICINE	SPR/2011 - AUT/9999	3.0		.	.	.	.	.	Y	.	.	.	.
COMMENT:CHG TITLES, DESC					LAST UPDT:12/20/10 APPROVED: 1/24/96									
AMATH 424	MATH BIO SPAT MODS MATHEMATICAL BIOLOGY: SPATIOTEMPORAL MODELS	AUT/2009 - SUM/2014	3.0		.	.	.	.	.	.	.	.	.	.
COMMENT:DROP COURSE					LAST UPDT: 9/17/13 APPROVED: 9/15/09 DROPPED: 9/17/13									
AMATH 460	MATH METHODS FOR QF MATHEMATICAL METHODS FOR QUANTITATIVE FINANCE	SPR/2013 - WIN/2014	3.0		.	.	.	.	.	Y	.	Y	.	.
COMMENT:INITIAL DL, SEE CFRM 460					LAST UPDT: 9/26/13 APPROVED:12/18/12									
AMATH 461	COMP FIN PROB STATS PROBABILITY AND STATISTICS FOR COMPUTATIONAL FINANCE	SUM/2013 - WIN/2014	3.0		.	.	.	.	.	.	.	.	.	.
COMMENT:INITAL DL, SEE CFRM 461					LAST UPDT: 9/26/13 APPROVED: 3/19/13									
AMATH 462	INTRO CMPFIN/FINECN INTRODUCTION TO COMPUTATIONAL FINANCE AND FINANCIAL	SUM/2013 - WIN/2014	5.0		.	.	.	.	.	.	.	.	.	.
COMMENT:WAS AMATH 540, SEE CFRM 462					LAST UPDT: 9/26/13 APPROVED: 4/19/11									
AMATH 463	R PROG FOR QUANTFIN R PROGRAMMING FOR QUANTITATIVE FINANCE	AUT/2013 - WIN/2014	2.0		.	.	.	.	.	.	.	.	.	.
COMMENT:INITIAL DL, SEE CFRM 463					LAST UPDT: 9/26/13 APPROVED: 3/19/13									
AMATH 481	SCIENTIFIC COMPTG SCIENTIFIC COMPUTING	AUT/2013 - AUT/9999	5.0		.	.	.	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 8/20/13 APPROVED: 9/15/09									
AMATH 482	COMP METH DATA ANLY COMPUTATIONAL METHODS FOR DATA ANALYSIS	WIN/2013 - AUT/9999	5.0		.	.	.	.	.	.	.	.	.	.
COMMENT:CHG PREQ					LAST UPDT: 3/19/12 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									

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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	SPR/2011 -	AUT/9999	0.0	24.0 Y	.	.	. . .		.	.	.	.	.
COMMENT:CHG MAX CREDITS					LAST UPDT: 4/18/11		APPROVED: 1/01/86							
AMATH 501	VEC CAL COMPLEX VAR VECTOR CALCULUS AND COMPLEX VARIABLES	AUT/2013 -	AUT/9999	5.0	.	.	.	. . .		.	.	.	.	.
					LAST UPDT: 8/20/13		APPROVED: 9/15/09							
COMMENT:EMAIL PREQ CHG														
AMATH 502	INTRO DYN SYS & CH INTRODUCTION TO DYNAMICAL SYSTEMS AND CHAOS	AUT/2013 -	AUT/9999	5.0	.	.	.	. . .		.	.	.	.	.
					LAST UPDT: 8/20/13		APPROVED: 9/15/09							
COMMENT:EMAIL PREQ CHG														
AMATH 503	METHODS PAR DIFF EQ METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS	AUT/2013 -	AUT/9999	5.0	.	.	.	. . .		.	.	.	.	.
					LAST UPDT: 8/20/13		APPROVED: 9/15/09							
COMMENT:EMAIL PREQ CHG														
AMATH 504	MATHTCL EPIDLG MATHEMATICAL EPIDEMIOLOGY	AUT/2013 -	AUT/9999	5.0	.	.	.	. . .		.	.	.	.	.
					LAST UPDT: 8/20/13		APPROVED:10/01/89							
COMMENT:EMAIL PREQ CHG														
AMATH 505	FLUID DYNAMICS INTRODUCTION TO FLUID DYNAMICS	AUT/2013 -	AUT/9999	4.0	.	.	.	. . .		.	.	AMATH 505 ATM S 505	.	.
					LAST UPDT: 8/08/13		APPROVED:10/05/92		OCEAN 511					
COMMENT:EMAIL PREQ CHG														

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AMATH 506	APPL PROB AND STATS APPLIED PROBABILITY STATISTICS	AUT/2000 -	AUT/9999	4.0	.	.	.	.	.	.	.	STAT 506	STAT 506	.
COMMENT:CHG TITLES, DESCRIP					LAST UPDT: 2/01/00 APPROVED:12/06/91									
AMATH 507	CAL VARIATIONS CALCULUS OF VARIATIONS	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.			.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 8/20/13 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 510	SQL/VBA FOR FINANCE FINANCIAL DATA ACCESS AND ANALYSIS WITH SQL, VBA, AND EXCEL	WIN/2014 -	WIN/2014	4.0	.	.	.	.	.	.	.			.
COMMENT:INITIAL DL, SEE CFRM 510					LAST UPDT: 9/26/13 APPROVED: 3/19/13									
AMATH 512	METH OF ENGR ANALYS METHODS OF ENGINEERING ANALYSIS	AUT/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	CHEM E512	CHEM E512	.
COMMENT:12-14 PREQ CHG					LAST UPDT: 7/23/12 APPROVED: 2/01/88									
AMATH 514	NETWORK OPTIMIZIN NETWORKS AND COMBINATORIAL OPTIMIZATION	AUT/2013 -	AUT/9999	3.0	.	.	.	.	.	.	.	MATH 514	MATH 514	.
COMMENT:CHG DESC, PREQ					LAST UPDT: 8/21/13 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	WIN/2014 -	AUT/9999	5.0	15.0	.	.	.	.	.	.			.
COMMENT:CHG DESC					LAST UPDT:11/20/13 APPROVED: 1/30/92									

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AMATH 522	INTRO MATH BIO INTRODUCTION TO MATHEMATICAL BIOLOGY	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 8/20/13 APPROVED: 9/15/09									
AMATH 523	8ATH ANLYS BIO &MED MATHEMATICAL ANALYSIS IN BIOLOGY AND MEDICINE	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 8/20/13 APPROVED: 9/15/09									
AMATH 524	MATH BIO: SPAT MODS MATHEMATICAL BIOLOGY: SPATIOTEMPORAL MODELS	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 8/20/13 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 CELLULAR DYNAMICS	AUT/2013 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 8/20/13 APPROVED: 6/15/10									
AMATH 532	MATH GENOM MOL MED MATHEMATICS OF GENOME ANALYSIS AND MOLECULAR MODELING	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 8/20/13 APPROVED: 9/20/11									
AMATH 533	MOVEMENT CONTROL NEURAL CONTROL OF MOVEMENT: A COMPUTATIONAL PERSPECTIVE	WIN/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	AMATH 533 CSE 529	.
					LAST UPDT: 1/03/11 APPROVED:12/21/10									
AMATH 534	NEURON DYNAMICS DYNAMICS OF NEURONS AND NETWORKS	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 8/20/13 APPROVED:12/21/10									
AMATH 535	MATH ECOLOGY MATHEMATICAL ECOLOGY	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG					LAST UPDT: 8/20/13 APPROVED:12/31/10									

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COURSE			QUARTER	-ALL U	GRD	E	U N E	L I	E C Q T		
CURRIC	NUM	TITLE	EFFECTIVE QUARTERS	MAX	SYS	D HYPH	M R E	P & N	A S W T P R G	RESPONS	JOINT
			CREDITS							COURSE	COURSES
AMATH	536	SPATIAL MODELS SPATIAL MODELS IN ECOLOGY AND EPIDEMIOLOGY	AUT/2013 - AUT/9999 5.0	.	.	.	.	.	.	.	.
		COMMENT:EMAIL PREQ CHG		LAST UPDT:	8/20/13	APPROVED:	11/15/11				
AMATH	540	COMPFIN CAP MARKETS CAPITAL MARKETS AND DATA FOR COMPUTATIONAL FINANCE	AUT/2013 - WIN/2014 2.0	.	.	.	.	.	.	.	.
		COMMENT:INITIAL DL, SEE CFRM 540		LAST UPDT:	9/26/13	APPROVED:	3/19/13				
AMATH	541	INVESTMENT SCIENCE INVESTMENT SCIENCE	AUT/2011 - WIN/2014 4.0	.	.	.	.	.	.	.	.
		COMMENT:INITIAL DL, SEE CFRM 541		LAST UPDT:	9/26/13	APPROVED:	6/21/11				
AMATH	542	FIN DATA MODELING FINANCIAL DATA MODELING AND ANALYSIS IN R	WIN/2012 - WIN/2014 4.0	.	.	.	.	.	.	.	.
		COMMENT:INITIAL DL, SEE CFRM 542		LAST UPDT:	9/26/13	APPROVED:	9/20/11				
AMATH	543	PORTFOLIO OPT PORTFOLIO OPTIMIZATION AND ASSET MANAGEMENT	SPR/2012 - WIN/2014 4.0	.	.	.	.	.	.	.	.
		COMMENT:INITIAL DL, SEE CFRM 543		LAST UPDT:	9/26/13	APPROVED:	2/28/12				
AMATH	544	OTHER DERIVATIVES OPTIONS AND OTHER DERIVATIVES	AUT/2011 - WIN/2014 4.0	.	.	.	.	.	.	.	.
		COMMENT:INITIAL DL, SEE CFRM 544		LAST UPDT:	9/26/13	APPROVED:	6/21/11				
AMATH	545	FIN RISK MGMT I FINANCIAL RISK MANAGEMENT I	WIN/2012 - WIN/2014 4.0	.	.	.	.	.	.	.	.
		COMMENT:INITIAL DL, SEE CFRM 545		LAST UPDT:	9/26/13	APPROVED:	9/20/11				
AMATH	546	RISK MANAGEMENT FINANCIAL RISK MANAGEMENT II	SPR/2012 - WIN/2014 4.0	.	.	.	.	.	.	.	.
		COMMENT:INITIAL DL, SEE CFRM 546		LAST UPDT:	9/26/13	APPROVED:	2/28/12				
AMATH	547	CREDIT RISK MGMT CREDIT RISK MANAGEMENT	AUT/2012 - WIN/2014 4.0	.	.	.	.	.	.	.	.
		COMMENT:INITIAL DL, SEE CFRM 547		LAST UPDT:	9/26/13	APPROVED:	6/19/12				

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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 & A	E E L C N C W T	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
AMATH 567	APPLIED ANALYSIS APPLIED ANALYSIS	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/20/13									
COMMENT:EMAIL PREQ CHG														
AMATH 568	ADV METHODS ODE ADVANCED METHODS FOR ORDINARY DIFFERENTIAL EQUATIONS	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/20/13 APPROVED: 6/07/79									
COMMENT:EMAIL PREQ CHG														
AMATH 569	ADV METHOD PDE ADVANCED METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/20/13									
COMMENT:EMAIL PREQ CHG														
AMATH 570	ASYM PERT METH ASYMPTOTIC AND PERTURBATION METHODS	AUT/2004 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/29/04 APPROVED: 3/13/97									
COMMENT:CHG TITLES, DESCRIPTION														
AMATH 571	SPECTRAL METHODS SPECTRAL METHODS	WIN/2005 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/29/04 APPROVED: 3/13/97									
COMMENT:CHG TITLES, DESCRIPTION														
AMATH 572	INTRO APP STOCH INTRODUCTION TO APPLIED STOCHASTIC ANALYSIS	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/20/13 APPROVED: 3/13/97									
COMMENT:EMAIL PREQ CHG														
AMATH 573	COH STR, PATRN & F&S COHERENT STRUCTURES, PATTERN FORMATION AND SOLITONS	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/20/13 APPROVED: 3/29/04									
COMMENT:EMAIL PREQ CHG														
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	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/20/13 APPROVED: 2/28/94									
COMMENT:EMAIL PREQ CHG														

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AMATH 579	INTELLIGENT CONTROL INTELLIGENT CONTROL THROUGH LEARNING AND OPTIMIZATION	SPR/2010 - AUT/9999	3.0		.	.		.	.	.	.	AMATH 579 CSE	579	.
					LAST UPDT: 3/15/10		APPROVED: 2/16/10							
AMATH 581	SCIENTIFIC COMPUTING SCIENTIFIC COMPUTING	AUT/2013 - AUT/9999	5.0		.	.		.	.	.	.			.
					LAST UPDT: 8/20/13		APPROVED: 1/24/96							
COMMENT:EMAIL PREQ CHG														
AMATH 582	COMP METH DATA ANLY COMPUTATIONAL METHODS FOR DATA ANALYSIS	AUT/2013 - AUT/9999	5.0		.	.		.	.	.	.			.
					LAST UPDT: 8/20/13		APPROVED: 9/15/09							
COMMENT:EMAIL PREQ CHG														
AMATH 583	HI-PRFM SCI COMPG HIGH-PERFORMANCE SCIENTIFIC COMPUTING	AUT/2013 - AUT/9999	5.0		.	.		.	.	.	.			.
					LAST UPDT: 8/20/13		APPROVED: 9/15/09							
COMMENT:EMAIL PREQ CHG														
AMATH 584	APPL LINEAR ALGEBRA APPLIED LINEAR ALGEBRA AND INTRODUCTORY NUMERICAL ANALYSIS	AUT/2013 - AUT/9999	5.0		.	.		.	.	.	.	AMATH 584 MATH	584	.
					LAST UPDT: 8/20/13		APPROVED: 6/07/79							
COMMENT:EMAIL PREQ CHG														
AMATH 585	BOUNDARY VALUE PROBS NUMERICAL ANALYSIS OF BOUNDARY VALUE PROBLEMS	AUT/2013 - AUT/9999	5.0		.	.		.	.	.	.	AMATH 585 MATH	585	.
					LAST UPDT: 8/20/13		APPROVED: 6/07/79							
COMMENT:EMAIL PREQ CHG														
AMATH 586	TIME DEPNDT PROBS NUMERICAL ANALYSIS OF TIME DEPENDENT PROBLEMS	AUT/2009 - WIN/2014	5.0		.	.		.	.	.	.	AMATH 586 MATH	586	.
					LAST UPDT:10/31/13		APPROVED: 6/07/79							
COMMENT:CHG JT STATUS														
AMATH 586	TIME DEPNDT PROBS NUMERICAL ANALYSIS OF TIME DEPENDENT PROBLEMS	SPR/2014 - AUT/9999	5.0		.	.		.	.	.	.	AMATH 586 MATH	586	.
					LAST UPDT:10/31/13		APPROVED: 6/07/79							
COMMENT:EMAIL PREQ CHG														
AMATH 590	SPECIAL TOPICS SPECIAL TOPICS	AUT/2013 - AUT/9999	1.0-05.0	30.0	.	.		.	.	.	.			.
					LAST UPDT: 6/05/13		APPROVED: 6/04/13							

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E D 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
AMATH 594	SPCL TPCS NUM ANLYS SPECIAL TOPICS IN NUMERICAL ANALYSIS	AUT/1994 -	AUT/9999	2.0-03.0	15.0 Y	.	.	.	.	.	.	MATH 594	MATH 594	.
					LAST UPDT: 9/22/94 APPROVED:11/01/84									
AMATH 595	SPCL TPCS NUM ANLYS SPECIAL TOPICS IN NUMERICAL ANALYSIS	AUT/1994 -	AUT/9999	2.0-03.0	15.0 Y	.	.	.	.	.	.	MATH 595	MATH 595	.
					LAST UPDT: 9/22/94 APPROVED:11/01/84									
AMATH 596	SPEC TPCS NUM ANLYS SPECIAL TOPICS IN NUMERICAL ANALYSIS	AUT/1994 -	AUT/9999	2.0-03.0	15.0 Y	.	.	.	.	.	.	MATH 596	MATH 596	.
					LAST UPDT: 9/22/94 APPROVED:11/01/84									
AMATH 600	INDEPN DNT RSCH/STDY INDEPENDENT RESEARCH OR STUDY	WIN/1977 -	AUT/9999	0.0	999.0	.	CR/NC	.	11	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 6/01/81									
AMATH 700	MASTERS THESIS MASTER'S THESIS	AUT/1976 -	AUT/9999	0.0	999.0	.	CR/NC	.	11	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 6/01/81									
AMATH 800	DOCTORAL DISSERTATN DOCTORAL DISSERTATION	AUT/1976 -	AUT/9999	0.0	999.0	.	CR/NC	.	11	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 6/01/81									

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COURSE			QUARTER	-ALL U	GRD	U N E	L I	E C Q T			
CURRIC	NUM	TITLE	EFFECTIVE QUARTERS	MAX	P	SYS	D HYPH	M R E	A S W T P R G	RESPONS	JOINT
			CREDITS							COURSE	COURSES
CFRM	460	MATH METHODS FOR QF MATHEMATICAL METHODS FOR QUANTITATIVE FINANCE	SPR/2014 - SUM/2016 3.0	.	.	.	.	.	Y . . Y .		
		COMMENT:INITIAL DL, WAS AMATH 460		LAST UPDT:	9/26/13	APPROVED:	12/18/12				
CFRM	460	MATH METHODS FOR QF MATHEMATICAL METHODS FOR QUANTITATIVE FINANCE	AUT/2016 - AUT/9999 3.0	.	.	.	.	.	Y . . Y .		
		COMMENT:END INITIAL DL		LAST UPDT:	9/26/13	APPROVED:	12/18/12				
CFRM	461	COMP FIN PROB STATS PROBABILITY AND STATISTICS FOR COMPUTATIONAL FINANCE	SPR/2014 - AUT/2016 3.0	.	.	.	.	.	.		
		COMMENT:INITIAL DL, WAS AMATH 461		LAST UPDT:	9/26/13	APPROVED:	3/19/13				
CFRM	461	COMP FIN PROB STATS PROBABILITY AND STATISTICS FOR COMPUTATIONAL FINANCE	WIN/2017 - AUT/9999 3.0	.	.	.	.	.	.		
		COMMENT:END INITIAL DL		LAST UPDT:	9/26/13	APPROVED:	3/19/13				
CFRM	462	INTRO CMPFIN/FINECN INTRODUCTION TO COMPUTATIONAL FINANCE AND FINANCIAL	SPR/2014 - AUT/2015 5.0	.	.	.	.	.	.		
		COMMENT:WAS AMATH 462, INITIAL DL		LAST UPDT:	9/26/13	APPROVED:	4/19/11				
CFRM	462	INTRO CMPFIN/FINECN INTRODUCTION TO COMPUTATIONAL FINANCE AND FINANCIAL	WIN/2016 - AUT/9999 5.0	.	.	.	.	.	.		
		COMMENT:END INITIAL DL		LAST UPDT:	9/26/13	APPROVED:	4/19/11				
CFRM	463	R PROG FOR QUANTFIN R PROGRAMMING FOR QUANTITATIVE FINANCE	SPR/2014 - WIN/2017 2.0	.	.	.	.	.	.		
		COMMENT:INITIAL DL, WAS AMATH 463		LAST UPDT:	9/26/13	APPROVED:	3/19/13				
CFRM	463	R PROG FOR QUANTFIN R PROGRAMMING FOR QUANTITATIVE FINANCE	SPR/2017 - AUT/9999 2.0	.	.	.	.	.	.		
		COMMENT:END INITIAL DL		LAST UPDT:	9/26/13	APPROVED:	3/19/13				
CFRM	510	SQL/VBA FOR FINANCE FINANCIAL DATA ACCESS AND ANALYSIS WITH SQL, VBA, AND EXCEL	SPR/2014 - SPR/2017 4.0	.	.	.	.	.	.		
		COMMENT:INITIAL DL, WAS AMATH 510		LAST UPDT:	9/26/13	APPROVED:	3/19/13				

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COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D HYPH	S H F U N E M R E	V L I P & A	L E C N C M S T W T P R G	R E S P O N S E	J O I N T C O U R S E S	M I N I M U M
CFRM 510	SQL/VBA FOR FINANCE FINANCIAL DATA ACCESS AND ANALYSIS WITH SQL, VBA, AND EXCEL	SUM/2017 - AUT/9999	4.0	.		.	.	.	.	.	.	.
				LAST UPDT: 9/26/13		APPROVED: 3/19/13						
COMMENT:END INITIAL DL												
CFRM 540	COMPFIN CAP MARKETS CAPITAL MARKETS AND DATA FOR COMPUTATIONAL FINANCE	SPR/2014 - WIN/2017	2.0	.		.	.	.	.	.	.	.
				LAST UPDT: 9/26/13		APPROVED: 3/19/13						
COMMENT:INITIAL DL, WAS AMATH 540												
CFRM 540	COMPFIN CAP MARKETS CAPITAL MARKETS AND DATA FOR COMPUTATIONAL FINANCE	SPR/2017 - AUT/9999	2.0	.		.	.	.	.	.	.	.
				LAST UPDT: 9/26/13		APPROVED: 3/19/13						
COMMENT:END INITIAL DL												
CFRM 541	INVESTMENT SCIENCE INVESTMENT SCIENCE	SPR/2014 - AUT/9999	4.0	.		.	.	.	.	.	.	.
				LAST UPDT: 9/26/13		APPROVED: 6/21/11						
COMMENT:WAS AMATH 541												
CFRM 542	FIN DATA MODELING FINANCIAL DATA MODELING AND ANALYSIS IN R	SPR/2014 - SPR/2015	4.0	.		.	.	.	.	.	.	.
				LAST UPDT: 9/26/13		APPROVED: 9/20/11						
COMMENT:INITIAL DL, WAS AMATH 542												
CFRM 542	FIN DATA MODELING FINANCIAL DATA MODELING AND ANALYSIS IN R	SUM/2015 - AUT/9999	4.0	.		.	.	.	.	.	.	.
				LAST UPDT: 9/26/13		APPROVED: 9/20/11						
COMMENT:END INITIAL DL												
CFRM 543	PORTFOLIO OPT PORTFOLIO OPTIMIZATION AND ASSET MANAGEMENT	SPR/2014 - SUM/2015	4.0	.		.	.	.	.	.	.	.
				LAST UPDT: 9/26/13		APPROVED: 2/28/12						
COMMENT:INITIAL DL, WAS AMATH 543												
CFRM 543	PORTFOLIO OPT PORTFOLIO OPTIMIZATION AND ASSET MANAGEMENT	AUT/2015 - AUT/9999	4.0	.		.	.	.	.	.	.	.
				LAST UPDT: 9/26/13		APPROVED: 2/28/12						
COMMENT:END INITIAL DL												
CFRM 544	OTHER DERIVATIVES OPTIONS AND OTHER DERIVATIVES	SPR/2014 - AUT/9999	4.0	.		.	.	.	.	.	.	.
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CFRM 545	FIN RISK MGMT I FINANCIAL RISK MANAGEMENT I	SUM/2015 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/26/13 APPROVED: 9/20/11									
COMMENT:END INITIAL DL														
CFRM 546	RISK MANAGEMENT FINANCIAL RISK MANAGEMENT II	SPR/2014 -	SUM/2015	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/26/13 APPROVED: 2/28/12									
COMMENT:INITIAL DL, WAS AMATH 546														
CFRM 546	RISK MANAGEMENT FINANCIAL RISK MANAGEMENT II	AUT/2015 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/26/13 APPROVED: 2/28/12									
COMMENT:END INITIAL DL														
CFRM 547	CREDIT RISK MGMT CREDIT RISK MANAGEMENT	SPR/2014 -	WIN/2016	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/26/13 APPROVED: 6/19/12									
COMMENT:INITIAL DL, WAS AMATH 547														
CFRM 547	CREDIT RISK MGMT CREDIT RISK MANAGEMENT	SPR/2016 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/26/13 APPROVED: 6/19/12									
COMMENT:END INITIAL DL														
CFRM 548	MONTECARLO MTHD FIN MONTE CARLO METHODS IN FINANCE	SPR/2014 -	WIN/2016	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/26/13 APPROVED: 6/19/12									
COMMENT:INITIAL DL, WAS AMATH 548														
CFRM 548	MONTECARLO MTHD FIN MONTE CARLO METHODS IN FINANCE	SPR/2016 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/26/13 APPROVED: 6/19/12									
COMMENT:END INITIAL DL														
CFRM 551	TRADING SYSTEMS INTRODUCTION TO TRADING SYSTEMS	SPR/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/26/13 APPROVED: 4/19/11									
COMMENT:WAS AMATH 551														
CFRM 552	PORTFOLIO PERFORM PORTFOLIO PERFORMANCE ANALYSIS AND BENCHMARKING	SPR/2014 -	AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/26/13 APPROVED: 6/21/11									
COMMENT:END INITIAL DL, WAS AMATH 552														

DATE: 01-21-2014
TIME: 20:10:05

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Seattle CAMPUS

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COLLEGE : C - Arts & Sciences
DEPARTMENT: APPLIED MATHEMATICS

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
CFRM 553	FIN FORCAST METHOD FINANCIAL TIME SERIES	SPR/2014 - SPR/2015	FORECASTING METHODS	2.0	.	.	.	.	.	.	.	.	.	.
COMMENT:INITIAL DL, WAS AMATH 553					LAST UPDT: 9/26/13 APPROVED: 9/20/11									
CFRM 553	FIN FORCAST METHOD FINANCIAL TIME SERIES	SUM/2015 - AUT/9999	FORECASTING METHODS	2.0	.	.	.	.	.	.	.	.	.	.
COMMENT:END INITIAL DL					LAST UPDT: 9/26/13 APPROVED: 9/20/11									
CFRM 554	ENDOW INVEST MGMT ENDOWMENT AND INSTITUTIONAL INVESTMENT MANAGEMENT	SPR/2014 - SUM/2015		2.0	.	.	.	.	.	.	.	.	.	.
COMMENT:INITIAL DL, WAS AMTH 554					LAST UPDT: 9/26/13 APPROVED: 2/28/12									
CFRM 554	ENDOW INVEST MGMT ENDOWMENT AND INSTITUTIONAL INVESTMENT MANAGEMENT	AUT/2015 - AUT/9999		2.0	.	.	.	.	.	.	.	.	.	.
COMMENT:END INITIAL DL					LAST UPDT: 9/26/13 APPROVED: 2/28/12									
CFRM 555	OPTIMIZATN MTHD FIN OPTIMIZATION METHODS IN FINANCE	SPR/2014 - WIN/2016		4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:INITIAL DL, WAS AMATH 555					LAST UPDT: 9/26/13 APPROVED: 6/19/12									
CFRM 555	OPTIMIZATN MTHD FIN OPTIMIZATION METHODS IN FINANCE	SPR/2016 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:END INITIAL DL					LAST UPDT: 9/26/13 APPROVED: 6/19/12									
CFRM 556	COMP FIN STAT MODEL STATISTICAL MODELING FOR COMPUTATION FINANCE	SPR/2014 - WIN/2017		4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:INITIAL DL, WAS AMATH 556					LAST UPDT: 9/26/13 APPROVED: 3/19/13									
CFRM 556	COMP FIN STAT MODEL STATISTICAL MODELING FOR COMPUTATION FINANCE	SPR/2017 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:END INITIAL DL					LAST UPDT: 9/26/13 APPROVED: 3/19/13									
CFRM 557	C++ FINANCIAL SOFTWARE DEVELOPMENT AND INTEGRATION WITH C++	SPR/2014 - SPR/2016		4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:INITIAL DL, WAS AMATH 557					LAST UPDT: 9/26/13 APPROVED:12/18/12									

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DEPARTMENT: APPLIED MATHEMATICS							V L I P A	E C M S N	R T G	O M I T
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX	D GRD E SYS	S H F U N E M R E	P & W T P R G	RESPONS COURSE	JOINT COURSES	
CFRM	557	C++ FINANCIAL SOFTWARE DEVELOPMENT AND INTEGRATION WITH	SUM/2016 - AUT/9999 4.0	.	.	. . .				.
				C++ LAST UPDT:		9/26/13	APPROVED:12/18/12			
COMMENT:END INITIAL DL										
CFRM	558	FIXEDINCOME ANALYTIC FIXED INCOME ANALYTICS AND PORTFOLIO MANAGEMENT	SPR/2014 - WIN/2017 4.0	.	.	. . .				.
				LAST UPDT:		9/26/13	APPROVED: 3/19/13			
COMMENT:INITIAL DL, WAS AMATH 558										
CFRM	558	FIXEDINCOME ANALYTIC FIXED INCOME ANALYTICS AND PORTFOLIO MANAGEMENT	SPR/2017 - AUT/9999 4.0	.	.	. . .				.
				LAST UPDT:		9/26/13	APPROVED: 3/19/13			
COMMENT:END INITIAL DL										
CFRM	559	STOCH CALC-QUAN FIN STOCHASTIC CALCULUS FOR QUANTITATIVE FINANCE	SUM/2014 - AUT/2017 4.0	.	.	. . .				.
				LAST UPDT:		9/26/13	APPROVED: 6/04/13			
COMMENT:INITIAL DL, WAS AMATH 559										
CFRM	559	STOCH CALC-QUAN FIN STOCHASTIC CALCULUS FOR QUANTITATIVE FINANCE	WIN/2018 - AUT/9999 4.0	.	.	. . .				.
				LAST UPDT:		9/26/13	APPROVED: 6/04/13			
COMMENT:END INITIAL DL										
CFRM	560	AS MODELS & EST ACTUARIAL MODELS AND ESTIMATION	SPR/2014 - SUM/2017 4.0	.	.	. . .				.
				LAST UPDT:		10/16/13	APPROVED:10/15/13			
COMMENT:INITIAL DL										
CFRM	560	AS MODELS & EST ACTUARIAL MODELS AND ESTIMATION	AUT/2017 - AUT/9999 4.0	.	.	. . .				.
				LAST UPDT:		10/16/13	APPROVED:10/15/13			
COMMENT:END INITIAL DL										