







DATE: 04-11-2016  
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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
 DETAILED CURRICULUM REPORT  
 Seattle CAMPUS

REPORT: SR21010-R-01 K  
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COLLEGE : C - Arts & Sciences  
 DEPARTMENT: APPLIED MATHEMATICS

CURRIC NUM	COURSE TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		D	S H F			V L E E W					RESPONS	JOINT	O	
					-ALL	U		GRD	E	U	N	E	P	&	N				C
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 518	OPTIMAL CONTROL Theory of Optimal Control	AUT/2016 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	MATH 518	MATH 518	.	
					LAST UPDT:10/22/15		APPROVED: 6/27/85												
AMATH 521	SPEC TOPICS MATH BIO Special Topics in Mathematical Biology	WIN/2014 -	AUT/9999	5.0	15.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT:11/20/13		APPROVED: 1/30/92												
					COMMENT:CHG DESC														
AMATH 522	COMP MODELS BIOLOGY Computational Modeling of Biological Systems	SPR/2016 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 2/29/16		APPROVED: 9/15/09												
AMATH 523	MATH ANLYS BIO &MED Mathematical Analysis in Biology and Medicine	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 1/23/15		APPROVED: 9/15/09												
					COMMENT:EMAIL PREQ CHG														
AMATH 524	MATH BIO: SPAT MODS Mathematical Biology: Spatiotemporal Models	AUT/2014 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 2/13/14		APPROVED: 9/15/09												
					COMMENT:EMAIL PREQ CHG														
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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 1/07/15		APPROVED: 6/15/10												
					COMMENT:EMAIL PREQ CHG														
AMATH 532	MATH GENOM MOL MED Mathematics of Genome Analysis and Molecular Modeling	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
					LAST UPDT: 8/20/13		APPROVED: 9/20/11												
					COMMENT:EMAIL PREQ CHG														
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												

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				-ALL U	GRD		U	N	E	P	& N	C	M	S			
AMATH 534	NEURON DYNAMICS Dynamics of Neurons and Networks	SPR/2016 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/30/15		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											
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 567	APPL COMPLEX ANYLS Applied Complex Analysis	AUT/2015 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/23/15													
AMATH 568	ADV METHODS ODE Advanced Methods for Ordinary Differential Equations	WIN/2015 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG DESC			LAST UPDT:12/16/14		APPROVED: 6/07/79											
AMATH 569	ADV METHOD PDE Advanced Methods for Partial Differential Equations	AUT/2013 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 8/20/13													
AMATH 570	APPRX SPECTRL MTHDS Approximation Theory and Spectral Methods	AUT/2015 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/23/15		APPROVED: 3/13/97											
AMATH 571	INTELLIGENT CONTROL Intelligent Control through Learning and Optimization	WIN/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	AMATH 571 CSE	579	.
				LAST UPDT: 2/26/16		APPROVED: 2/16/10											
AMATH 572	INTRO APP STOCH Introduction to Applied Stochastic Analysis	AUT/2013 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 8/20/13		APPROVED: 3/13/97											
AMATH 573	COH STR, PATRN & F&S Coherent Structures, Pattern Formation and Solitons	AUT/2013 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 8/20/13		APPROVED: 3/29/04											

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				-ALL U	GRD		U N E	P	& N C	M S N	A S W T P R G						
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													
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	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	.	.	.	.	.	.	.	.	.	.	.	ATM S 581	.
				LAST UPDT: 6/05/13		APPROVED: 6/04/13											

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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			
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: 3/22/16		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: 3/22/16		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: 3/22/16		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 601	INTERNSHIP Internship	AUT/2015 - AUT/9999	1.0-10.0	30.0	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 3/18/15		APPROVED: 3/17/15											
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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				-ALL U	GRD		U N E	P & A	N C M S N	E C Q T							
CFRM 546	RISK MANAGEMENT Financial Risk Management II	WIN/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 11/19/15		APPROVED: 2/28/12											
CFRM 547	CREDIT RISK MGMT Credit Risk Management	SPR/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:END INITIAL DL			LAST UPDT: 2/26/16		APPROVED: 6/19/12											
CFRM 548	MONTECARLO MTHD FIN Monte Carlo Methods in Finance	SPR/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:END INITIAL DL			LAST UPDT: 9/26/13		APPROVED: 6/19/12											
CFRM 551	TRADING SYSTEMS Introduction to Trading Systems	SPR/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS AMATH 551, PERM DL			LAST UPDT: 3/07/14		APPROVED: 4/19/11											
CFRM 552	PORTFOLIO PERFORM Portfolio Performance Analysis and Benchmarking	SUM/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:PERM DL; CHNG CREDITS			LAST UPDT: 3/19/14		APPROVED: 6/21/11											
CFRM 553	FIN FORCAST METHOD Financial Time Series Forecasting Methods	SUM/2015 - AUT/9999	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	WIN/2016 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 11/19/15		APPROVED: 2/28/12											
CFRM 555	OPTIMIZATN MTHD FIN Optimization Methods in Finance	SPR/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:END INITIAL DL			LAST UPDT: 2/26/16		APPROVED: 6/19/12											
CFRM 556	COMP FIN STAT MODEL Statistical Modeling for Computational Finance	SPR/2014 - WIN/2017	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:INITIAL DL, WAS AMATH 556			LAST UPDT: 9/26/13		APPROVED: 3/19/13											

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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
CFRM 556	COMP FIN STAT MODEL Statistical Modeling for Computational 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														.	
CFRM 557	C++ Financial Software Development and Integration with C++	SUM/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:END INITIAL DL			LAST UPDT: 9/26/13 APPROVED:12/18/12														.	
CFRM 558	FIXEDINCOME ANALYTIC Fixed Income Analytics and Portfolio Management	SPR/2014 - WIN/2017	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:INITIAL DL, WAS AMATH 558			LAST UPDT: 9/26/13 APPROVED: 3/19/13														.	
CFRM 558	FIXEDINCOME ANALYTIC Fixed Income Analytics and Portfolio Management	SPR/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:END INITIAL DL			LAST UPDT: 9/26/13 APPROVED: 3/19/13														.	
CFRM 559	STOCH CALC-QUAN FIN Stochastic Calculus for Quantitative Finance	SUM/2014 - AUT/2017	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:INITIAL DL, WAS AMATH 559			LAST UPDT: 2/11/14 APPROVED: 6/04/13														.	
CFRM 559	STOCH CALC-QUAN FIN Stochastic Calculus for Quantitative Finance	WIN/2018 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:END INITIAL DL			LAST UPDT: 2/11/14 APPROVED: 6/04/13														.	
CFRM 560	AS MODELS & EST Actuarial Models and Estimation	SPR/2014 - SUM/2017	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:INITIAL DL			LAST UPDT:10/16/13 APPROVED:10/15/13														.	
CFRM 560	AS MODELS & EST Actuarial Models and Estimation	AUT/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:END INITIAL DL			LAST UPDT:10/16/13 APPROVED:10/15/13														.	

