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 Seattle CAMPUS

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COLLEGE : D - Environment
 DEPARTMENT: AQUA & FISH SCI

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 M S N	A S W T P R G	COURSE	COURSES	M			
FISH 101	WATER AND SOCIETY Water and Society	SPR/2010 - AUT/9999		5.0	.	.	.	.	.	.	.	Y	Y	.	.	.	.	.
				COMMENT:CHG TITLES, DESC		LAST UPDT: 2/10/10												
FISH 161	INTRO BIOL I INTRODUCTION TO BIOLOGY I	SPR/2010 - AUT/9999		5.0	.	.	.	.	.	.	.	.	Y	.	.	.	.	FISH 161 ESRM 161 .
				COMMENT:MOVE COLLEGE		LAST UPDT:12/11/12 APPROVED: 8/19/08												
FISH 162	INTRO BIOL II INTRODUCTION TO BIOLOGY II	SPR/2010 - AUT/9999		5.0	.	.	.	.	.	.	.	.	Y	.	.	.	.	ESRM 162 ESRM 162 .
				COMMENT:MOVE COLLEGE		LAST UPDT:12/11/12 APPROVED: 8/19/08												
FISH 210	FISH RESEARCH MTHDS RESEARCH METHODS IN AQUATIC AND FISHERY SCIENCES	SPR/2010 - AUT/9999		5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				COMMENT:MOVE COLLEGE		LAST UPDT:12/11/12 FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081												
FISH 221	MICROBE ECOL & EVOL Ecology and Evolution of the Microbe	SPR/2010 - AUT/9999		5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				COMMENT:MOVE COLLEGE		LAST UPDT: 7/25/14 APPROVED: 9/20/07												
FISH 230	ECONOMICS FISH&OCN Economics of Fisheries and Oceans	SUM/2014 - AUT/9999		5.0	.	.	.	.	.	.	.	Y	Y	.	Y	.	.	FISH 230 ECON 230 .
				COMMENT:ADD JT STATUS		LAST UPDT: 6/04/14 APPROVED: 2/18/14												
FISH 250	MARINE BIOLOGY Marine Biology	SPR/2010 - AUT/9999		3.0-05.0	5.0	.	.	.	.	Y	.	Y	Y	.	.	.	.	FISH 250 OCEAN 250 .
				COMMENT:MOVE COLLEGE		LAST UPDT: 7/23/15 APPROVED: 2/21/01 FEE TYPE:1 \$75.00 BUDGET:069602 REV OBJ CD:943081												
FISH 260	RECRTNL FISHERIES Recreational Fisheries: Science, Management, and Policy	SPR/2014 - AUT/9999		3.0-05.0	.	.	.	.	.	.	.	Y	Y	.	.	.	.	.
				COMMENT:MOVE COLLEGE		LAST UPDT: 1/22/14 APPROVED: 1/21/14												
FISH 261	REC FISH SEMINAR Recreational Fisheries Seminar	SPR/2017 - AUT/9999		1.0
				COMMENT:MOVE COLLEGE		LAST UPDT:11/29/16 APPROVED:11/15/16												

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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 C M S N	A S W T P R G							
FISH 270	AQUATIC ECOPHYSLGY Aquatic Ecophysiology	AUT/2015 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	FISH 270 OCEAN 270	.	.
				LAST UPDT: 7/23/15		APPROVED:12/16/14					MARBIO 270						
FISH 290	SCI WRITING & COMM Scientific Writing and Communication	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.		.	.
				LAST UPDT: 7/25/14		APPROVED: 3/19/13					COMMENT:14-16 RECOMMENDED CHG						
FISH 296	STUDY ABROAD Study Abroad: Aquatic and Fishery Sciences	SPR/2010 - AUT/9999	1.0-15.0	30.0	.	.	.	.	.	Y	.	.	.		.	.
				LAST UPDT: 2/10/10		APPROVED: 1/31/05					COMMENT:MOVE COLLEGE						
FISH 300	EXPLORE OPPS MARINE Exploring Opportunities in Marine Science	AUT/2015 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	OCEAN 300 MARBIO300	.	.
				LAST UPDT: 7/23/15		APPROVED: 2/18/14					OCEAN 300						
FISH 310	BIOL OF SHELLFISHES Biology of Shellfishes	AUT/2012 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.		.	.
				LAST UPDT: 7/12/12		APPROVED: 9/14/89					COMMENT:12-14 DESC CHG						
FISH 311	BIOLOGY OF FISHES Biology of Fishes	AUT/2012 - AUT/9999	3.0-05.0	5.0	.	.	.	Y	.	Y	.	.	.	FISH 311 BIOL 311	.	.	
				LAST UPDT: 2/11/13		FEE TYPE:1 \$50.00 BUDGET:029357 REV OBJ CD:943081					COMMENT:12-14 DESC CHG						
FISH 312	FISH ECOLOGY Fisheries Ecology	WIN/2017 - AUT/9999	3.0-05.0	.	.	.	.	Y	.	Y	.	.	.		.	.
				LAST UPDT:12/02/16		APPROVED: 9/14/89					FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081						
FISH 323	CONS & MGT AQUA RES Conservation and Management of Aquatic Resources	AUT/2012 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.		.	.
				LAST UPDT: 7/12/12		COMMENT:12-14 DESC CHG											
FISH 324	AQUATIC PHYSIOLOGY Aquatic Animal Physiology and Reproduction	WIN/2017 - AUT/9999	3.0-05.0	5.0	.	.	.	Y	.	Y	.	.	.		.	.
				LAST UPDT:12/02/16		APPROVED: 3/29/93					FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081						

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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				M	S	N	R	I
FISH 328	FOR-FISH INTERACT Forestry-Fisheries Interactions	SPR/2010 -	AUT/9999	4.0	.	.	.	.	Y	.	.	Y	.	.	.	ESRM	328	ESRM	328	.
						LAST UPDT: 6/25/15 APPROVED: 2/23/89														
						FEE TYPE:1 \$48.00 BUDGET:069393 REV OBJ CD:943081														
FISH 330	CLIMATE CHG MAR ECO Climate Change Impacts on Marine Ecosystems	SPR/2010 -	AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	FISH	330	ENVIR	330	.
						LAST UPDT: 2/10/10 APPROVED: 1/15/08														
FISH 340	GENETS & MOLEC ECOL Genetics and Molecular Ecology	SPR/2010 -	AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	FISH	340	BIOL	340	.
						LAST UPDT: 2/10/10 APPROVED: 1/30/03														
FISH 350	MARINE COASTAL ECOL MARINE ECOLOGY OF COASTAL SYSTEMS	WIN/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	FISH	350	SMEA	350	.
						LAST UPDT:12/11/12 APPROVED:10/25/04														
FISH 370	MARINE EVOLN BIOL Marine Evolutionary Biology	SPR/2015 -	AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	FISH	370	OCEAN	370	.
						LAST UPDT: 7/23/15 APPROVED:12/16/14											MARBIO 370			
FISH 404	FISH DISEASES Diseases of Aquatic Animals	SPR/2010 -	AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.					
						LAST UPDT: 7/17/15 APPROVED: 9/14/89														
						FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081														
FISH 415	FISH PHYSIOLOGY FISH PHYSIOLOGY	SPR/2010 -	AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.					
						LAST UPDT: 2/10/10 APPROVED: 5/10/73														
FISH 420	ECOL MARINE FISHES ECOLOGY OF MARINE FISHES	SPR/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.					
						LAST UPDT:12/11/12 APPROVED: 9/17/96														
						COMMENT:EMAIL PREQ CHG														
FISH 423	AQUA INVASION ECOL Aquatic Invasion Ecology	SPR/2010 -	AUT/9999	4.0	Y	.					
						LAST UPDT: 2/10/10 APPROVED: 9/20/07														
						COMMENT:MOVE COLLEGE														

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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		U	E	U	N	E	P	& N	C				M	S	N
FISH 424	BIOL CULT AQ ORG Biology and Culture of Aquatic Organisms	SPR/2010 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 2/10/10		APPROVED: 10/27/05											
FISH 428	STREAM RESTORATION Stream and Watershed Restoration	SPR/2010 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 7/17/15		APPROVED: 11/18/96		FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081									
FISH 437	FISH OCEANOGRAPHY Fisheries Oceanography	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/25/14		APPROVED: 10/30/07		COMMENT:14-16 RECOMMENDED CHG									
FISH 441	ENVIR PHYSIOLOGY Integrative Environmental Physiology	SPR/2010 - AUT/9999	3.0-05.0	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 5/25/12		APPROVED: 9/16/08		COMMENT:MOVE COLLEGE									
FISH 444	CONSERVATION GENET Conservation Genetics	AUT/2012 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 1/31/13		APPROVED: 6/03/71		COMMENT:12-14 DESC CHG, RECOMMENDED									
FISH 447	RIVER ECOL & MNGMT River Ecology and Watershed Management	AUT/2014 - AUT/9999	3.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 7/25/14		APPROVED: 6/21/99		COMMENT:14-16 DESC, REC CHG									
FISH 450	SAL BEHAV LIFE HIST Salmonid Behavior and Life History	SPR/2010 - AUT/9999	3.0-05.0	5.0	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 3/10/15		APPROVED: 6/29/78		COMMENT:MOVE COLLEGE									
FISH 452	SPATIAL INFO TECH Spatial Information Technology in Ecosystem Sciences	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	OCEAN 452	OCEAN 452
				LAST UPDT: 2/10/10		APPROVED: 3/28/01		COMMENT:RECREATED FISH 453 WITH CHGS									
FISH 453	GEOSPTL P'TRN ANLYS Geospatial Pattern Analysis and Geostatistics	SPR/2010 - AUT/9999	3.0	Y	OCEAN 453	OCEAN 453
				LAST UPDT: 7/18/16		APPROVED: 3/28/01											

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
FISH 454	ECOLOGICAL MODELING Ecological Modeling	SPR/2010 - AUT/9999	5.0	Y	.	.	.	FISH 454 Q SCI 454	.	.	
COMMENT:MOVE JT COLLEGE				LAST UPDT: 2/10/10		APPROVED: 1/31/05											
FISH 455	FISH WILDLIFE TOXIC Fish and Wildlife Toxicology	SPR/2010 - AUT/9999	3.0-05.0	.	.	.	.	Y	.	Y	.	.	.	FISH 455 ESRM 457	.	.
COMMENT:MOVE COLLEGE				LAST UPDT:11/02/15		APPROVED: 9/22/97		FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081									
FISH 458	MODEL/ESTIM RES MGT Modeling and Estimation in Conservation and Resource Management	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.	FISH 458 Q SCI 458	.	.
COMMENT:14-16 RECOMMENDED CHG				LAST UPDT: 7/25/14		APPROVED: 5/29/75											
FISH 461	RES ECON MGMT PLCY Resource Economics for Management and Policy	AUT/2015 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.		.	.
				LAST UPDT:12/29/14		APPROVED:12/16/14											
FISH 464	ARCTIC MARINE ECOL Arctic Marine Vertebrate Ecology	WIN/2013 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.		.	.
				LAST UPDT: 1/02/13		APPROVED:10/16/12											
FISH 473	LIMNOLOGY Limnology	AUT/2010 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	FISH 473 BIOL 473	.	.
COMMENT:10-12 PREQ CHG				LAST UPDT:12/29/10													
FISH 474	LIMNOLOGY LAB Limnology Laboratory	SPR/2010 - AUT/9999	2.0	.	.	.	.	Y	.	Y	.	.	.	FISH 474 BIOL 474	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 3/12/15		APPROVED: 3/29/05		FEE TYPE:1 \$125.00 BUDGET:069602 REV OBJ CD:943081									CEE 463
FISH 475	MARINE MAMMALOGY Marine Mammalogy	SPR/2010 - AUT/9999	3.0-05.0	.	.	.	.	Y	.	Y	.	.	.		.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 7/23/15		APPROVED: 5/29/75		FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081									
FISH 477	MARINE BIOL SEMINAR Seminar in Marine Biology	WIN/2011 - AUT/9999	3.0	Y	.	.	.	OCEAN 477 BIOL 477	.	.	
				LAST UPDT: 2/14/11		APPROVED: 9/22/10											OCEAN 477

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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	C	M	S	N				
FISH 478	SUSTAINABLE FISH Topics in Sustainable Fisheries	SPR/2010 - AUT/9999	3.0	9.0	.	.	.	.	.	.	.	.	Y	Y	.	.	.	FISH 478 ENVIR 478	.
				LAST UPDT: 2/10/10 APPROVED:11/30/00												BIOL 478			
COMMENT:MOVE COLLEGE																			
FISH 479	MARINE BIO RESEARCH Research in Marine Biology	SPR/2010 - AUT/9999	1.0-15.0	15.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	FISH 479 BIOL 479	.
				LAST UPDT: 7/23/15 APPROVED:10/21/08												OCEAN 479			
COMMENT:MOVE COLLEGE				FEE TYPE:1 \$90.00 BUDGET:029357 REV OBJ CD:943081															
FISH 480	HUMAN DIM FISH MGMT Human Dimensions of Fishery Management	WIN/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	Y	Y	.	.	.	FISH 480 SMEA 480	.
				LAST UPDT: 9/07/11 APPROVED: 5/01/89															
COMMENT:CHG JT STATUS																			
FISH 489	PEER TEACING AFS Peer Teaching Assistants in Aquatic and Fishery Sciences	SPR/2013 - AUT/9999	1.0-05.0	10.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.		.
				LAST UPDT: 3/21/13 APPROVED: 3/19/13															
FISH 490	AQUATIC MICROBIOL Aquatic Microbiology	SPR/2010 - AUT/9999	3.0-05.0	.	.	.	.	.	.	.	.	.	Y	.	.	.	.	FISH 490 MICROM490	.
				LAST UPDT: 8/05/14															
COMMENT:MOVE COLLEGE																			
FISH 491	RESEARCH IN ALASKA Aquatic Ecological Research in Alaska	SPR/2010 - AUT/9999	12.0	.	.	.	.	.	.	Y	.	.	Y	.	.	.	.		.
				LAST UPDT: 7/23/15 APPROVED: 2/21/01															
COMMENT:MOVE COLLEGE				FEE TYPE:1 \$300.00 BUDGET:069602 REV OBJ CD:943081															
FISH 492	MAR BIRD MAMM Ecology and Conservation of Marine Birds and Mammals	SUM/2015 - AUT/9999	9.0-15.0	15.0	.	.	.	.	.	Y	.	.	Y	.	.	.	.	FHL 492 FHL 492	.
				LAST UPDT: 1/30/15 APPROVED: 2/21/01												MARBIO 492			
COMMENT:CHG TTLS,DESC, JOINT STATUS				FEE TYPE:1 \$150.00 BUDGET:098456 REV OBJ CD:943081															
FISH 493	CAPSTONE PREP Capstone Preparation	SPR/2014 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.		.
				LAST UPDT: 4/16/14 APPROVED: 2/19/08															
COMMENT:CHG DESC, GRADING																			
FISH 494	CAPSTONE PROJECT I Capstone Project I	AUT/2013 - AUT/9999	1.0-09.0	9.0	.	.	12
				LAST UPDT: 3/21/13 APPROVED: 2/21/01															
COMMENT:CHG PREQ																			

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				-ALL U	GRD		E	U N E	P & N	C M S N	A S W T P R G						
FISH 531	AQUATIC FOOD WEBS Aquatic Food Web Processes	SPR/2010 - AUT/9999	4.0
				LAST UPDT: 2/10/10		APPROVED: 1/19/10											
FISH 537	FISH OCEANOGRAPHY Fisheries Oceanography	SPR/2010 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 7/25/14		APPROVED:10/30/07											
FISH 538	FISH ACOUSTICS Fisheries Acoustics	AUT/2013 - AUT/9999	3.0-05.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/13		APPROVED: 4/16/13											
FISH 539	US FISH MGT POL U.S. Fisheries Management and Policy	WIN/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	SMEA 539	SMEA 539	.	.
				LAST UPDT: 7/23/15		APPROVED: 9/17/13											
FISH 541	ENVIR PHYSIOLOGY Integrative Environmental Physiology	SPR/2010 - AUT/9999	3.0-05.0	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 5/25/12		APPROVED: 9/16/08											
FISH 545	APPL POP GENETICS Applied Population Genetics	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 2/10/10		APPROVED: 8/19/08											
FISH 546	BIOINFORMATICS Bioinformatics for Environmental Sciences	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/10/10		APPROVED:10/20/09											
FISH 547	RIVER ECOL & MNGMT River Ecology and Watershed Management	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:14-16 DESC CHG			LAST UPDT: 7/25/14		APPROVED:10/27/89											
FISH 552	INTRO R PROGRAMMING Introduction to R Programming for Natural Scientists	AUT/2011 - AUT/9999	2.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/17/12		APPROVED: 5/17/11											
FISH 553	ADV R PROGRAMMING Advanced R Programming for Natural Scientists	AUT/2013 - AUT/9999	2.0	.	CR/NC
	COMMENT:CHG CREDITS			LAST UPDT: 8/22/13		APPROVED: 5/17/11											

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				-ALL	U		GRD	E	U	N	E	P	&	N			
FISH 554	GRAPHICS IN R Beautiful Graphics in R	WIN/2014 - AUT/9999	2.0
				LAST UPDT: 6/06/13		APPROVED: 6/04/13											
FISH 556	MATH ANALY STK ASSM MATHEMATICAL ANALYSIS FISHERIES STOCK ASSESSMENT	SPR/2010 - AUT/9999	3.0
	COMMENT:MOVE COLLEGE			LAST UPDT: 2/10/10													
FISH 557	EST POP PARAMETERS Estimation of Population Parameters	SPR/2010 - AUT/9999	4.0
	COMMENT:MOVE COLLEGE			LAST UPDT: 2/10/10													
FISH 558	DECISION ANALYSIS Decision Analysis in Natural Resource Management	SPR/2010 - AUT/9999	4.0
	COMMENT:MOVE COLLEGE			LAST UPDT: 2/10/10													
FISH 559	NATURAL RES COMPUTE Numerical Computing for the Natural Resources	SPR/2010 - AUT/9999	5.0
	COMMENT:MOVE COLLEGE			LAST UPDT: 2/10/10		APPROVED: 3/17/09											
FISH 560	MULTIVARIATE STATS Applied Multivariate Statistics for Ecologists	SPR/2010 - AUT/9999	4.0
	COMMENT:MOVE COLLEGE			LAST UPDT: 2/10/10		APPROVED: 8/23/07											
FISH 561	RES ECON MGMT PLCY Resource Economics for Management and Policy	AUT/2015 - AUT/9999	4.0
				LAST UPDT:12/29/14		APPROVED:12/16/14											
FISH 562	ECOSYS BSD MGT Ecosystem Based Fisheries Management	SPR/2015 - AUT/9999	2.0
				LAST UPDT: 2/18/15		APPROVED: 2/18/15											
FISH 563	ECOSYS BSD MGT LAB Ecosystem Based Fisheries Management Laboratory	SPR/2015 - AUT/9999	2.0
				LAST UPDT: 2/18/15		APPROVED: 2/18/15											
FISH 565	MARINE FISH BIOLOGY MARINE FISH BIOLOGY	SPR/2010 - AUT/9999	9.0
	COMMENT:MOVE COLLEGE			LAST UPDT:12/11/12													

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				-ALL	U		GRD	E	U	N	E	P	&	N			
FISH 567	TOPICS ADV ECOLOGY TOPICS IN ADVANCED ECOLOGY	AUT/2012 - AUT/9999	3.0	6.0	BIOL 567	BIOL 567	.
	COMMENT:CHG JT STATUS			LAST UPDT:12/11/12		APPROVED: 9/16/08						SEFS 567					
FISH 578	GR SUSTAINABLE FISH Graduate Topics in Sustainable Fisheries	SPR/2010 - AUT/9999	2.0	6.0	.	CR/NC	.	.	.	.	.	.	.				.
	COMMENT:MOVE COLLEGE			LAST UPDT: 2/10/10		APPROVED:11/30/00											
FISH 581	CASE STUDY METHODS Case Study Research: Design and Methods	WIN/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	SMEA 581	SMEA 581	581	.
	COMMENT:CHG TITLES, DESC			LAST UPDT: 7/23/15		APPROVED:12/07/89											
FISH 582	FISH MGMT CONTEMP FISHERY MANAGEMENT:CONTEMPORARY ISSUES	WIN/2012 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	SMEA 582	SMEA 582	582	.
	COMMENT:CHG JT STATUS			LAST UPDT: 9/07/11		APPROVED:12/07/89											
FISH 600	INDEPNDNT STDY/RSCH Independent Study or Research	SPR/2010 - AUT/9999	0.0	999.0	.	CR/NC	.	11	.	.	.	.	.				.
	COMMENT:MOVE COLLEGE			LAST UPDT: 4/19/10													
FISH 700	MASTERS THESIS Master's Thesis	SPR/2010 - AUT/9999	0.0	999.0	.	CR/NC	.	11	.	.	.	.	.				.
	COMMENT:MOVE COLLEGE			LAST UPDT: 4/19/10													
FISH 800	DOCTORAL DISSERTATN Doctoral Dissertation	SPR/2010 - AUT/9999	0.0	999.0	.	CR/NC	.	11
	COMMENT:MOVE COLLEGE			LAST UPDT: 4/19/10													

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CURRIC	NUM	TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		D	S H F			V	E E W					RESPONS	JOINT	O
						-ALL	U		GRD	E	U		N	E	P	&	N				C	M	S	N	COURSE	COURSES	M
ATM S	101	WEATHER Weather	WIN/2013 -	AUT/9999	5.0	Y
						LAST UPDT: 1/16/13														
COMMENT:END DL																				
ATM S	103	HURRICANE SCIENCE Hurricanes and Thunderstorms: Their Science and Impact	SPR/2014 -	AUT/9999	3.0	Y	Y
						LAST UPDT:11/20/13 APPROVED:11/19/13														
ATM S	111	GLOBAL WARMING Global Warming: Understanding the Issues	AUT/2012 -	AUT/9999	5.0	Y	Y
						LAST UPDT: 6/20/12 APPROVED: 1/15/08														
COMMENT:ADD AOK																				
ATM S	211	CLIMATE CHANGE Climate and Climate Change	AUT/2012 -	AUT/9999	5.0	Y	Y
						LAST UPDT: 9/05/12 APPROVED: 6/30/95														
COMMENT:ADD AOK																				
ATM S	212	AIR POLLUTION Air Pollution: From Urban Smog to the Ozone Hole	AUT/2012 -	AUT/9999	5.0	Y	Y
						LAST UPDT: 9/05/12 APPROVED: 3/29/06														
COMMENT:ADD AOK																				
ATM S	220	EXPLORING ATMOS SCI Exploring the Atmospheric Sciences	WIN/2013 -	AUT/9999	1.0	2.0	.	CR/NC	Y
						LAST UPDT: 7/23/15 APPROVED: 6/21/11														
COMMENT:CHG MAX CREDITS																				
ATM S	290	WEATHER CHALLENGE The Weather Challenge	AUT/2015 -	AUT/9999	1.0	8.0	.	CR/NC	Y
						LAST UPDT: 8/05/15 APPROVED: 3/19/13														
ATM S	301	INTRO TO ATMOSPH SC Introduction to Atmospheric Sciences	AUT/2009 -	AUT/9999	5.0	Y
						LAST UPDT: 8/12/09														
COMMENT:MOVE COLLEGE																				
ATM S	321	SCIENCE OF CLIMATE The Science of Climate	AUT/2009 -	AUT/9999	3.0	Y
						LAST UPDT: 8/12/09														
COMMENT:MOVE COLLEGE																				

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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	M				S	N	COURSE	COURSES	M
ATM S 505	FLUID DYNAMICS Introduction to Fluid Dynamics	AUT/2013 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	AMATH 505	OCEAN 511	.	
	COMMENT:EMAIL PREQ CHG																	AMATH 505			
ATM S 508	GEOCHEMICAL CYCLES Geochemical Cycles	SPR/2010 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	OCEAN 523	CHEM 523	.	
	COMMENT:MOVE JT COLLEGE																	OCEAN 523			
ATM S 509	GEOPHYS FLUID DYN I Geophysical Fluid Dynamics I	SPR/2010 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	OCEAN 512	OCEAN 512	.	
	COMMENT:MOVE JT COLLEGE																				
ATM S 510	PHYSICS OF ICE Physics of Ice	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	ATM S 510	ESS 531	.	
	COMMENT:MOVE COLLEGE																				
ATM S 511	SNOW & ICE ON EARTH Snow and Ice on the Earth's Surface	SPR/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	ESS 532	ESS 532	.	
	COMMENT:CHG TITLES																				
ATM S 512	SNOW & ICE DYNAMICS Dynamics of Snow and Ice Masses	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	ESS 533	ESS 533	.	
	COMMENT:MOVE COLLEGE																				
ATM S 513	STRCTL GLACIOLOGY Structural Glaciology	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	ESS 534	ESS 534	.	
	COMMENT:MOVE COLLEGE																				
ATM S 514	ICE AND CLIMATE Ice and Climate	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	ESS 535	ESS 535	.	
	COMMENT:MOVE COLLEGE																				
ATM S 519	SCIENTIFIC WRITING Scientific Writing and Graphics	AUT/2013 -	AUT/9999	2.0	.	CR/NC	ESS 519	ESS 519	.	
																		OCEAN 518			

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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	C	M	S	N
ATM S 536	STORM DYNAMICS Mesoscale Storm Structure and Dynamics	WIN/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 11/04/16		APPROVED: 3/01/81									
ATM S 542	SYNOPT/MESOSCALE DYN Synoptic and Mesoscale Dynamics	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09		APPROVED: 2/01/81									
ATM S 544	ENSEMBLE PRED SYS Design and Application of Ensemble Prediction Systems	SPR/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG CREDITS			LAST UPDT: 7/23/15		APPROVED: 1/18/11									
ATM S 545	GEN CIRCULTN ATMSPH General Circulation of Atmosphere	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09		APPROVED:10/01/89									
ATM S 547	BOUNDARY LAYER MET Boundary Layer Meteorology	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09											
ATM S 551	STRUCT & ANALYSIS I Atmospheric Structure and Analysis I: Synoptic Scale Systems	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09		APPROVED: 1/30/92									
ATM S 552	OBJECTIVE ANALYSIS Objective Analysis	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09		APPROVED: 9/01/77									
ATM S 553	STRCT & ANALYSIS II ATM STRUCT &ANLYS II:NON-CONVCTV MESOSCLE CIRCULTN	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09		APPROVED:12/01/83									
ATM S 554	PALEOCLIMAT PROXIES Paleoclimate Proxies	SPR/2010 - AUT/9999	3.0	ATM S 554 ESS	554	.
				LAST UPDT: 8/12/09		APPROVED:12/16/08						OCEAN	554		

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				-ALL	U		GRD	E	U	N	E	P	&	N			
ATM S 555	PLANET ATMOS Planetary Atmospheres	AUT/2009 - AUT/9999	3.0	ASTR 555	ASTR 555	.
	COMMENT:MOVE COLLEGE														ESS 581		
ATM S 556	PLANET-SCALE DYNAM Planetary-Scale Dynamics	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.			.
	COMMENT:MOVE COLLEGE																
ATM S 558	ATM CHEMISTRY Atmospheric Chemistry	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.			.
	COMMENT:MOVE COLLEGE																
ATM S 559	CLIMATE MODELING Climate Modeling	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	ATM S 559	OCEAN 558	.
	COMMENT:MOVE JT COLLEGE														ESS 559		
ATM S 560	ATMO/OCEAN INTERACT Atmosphere/Ocean Interactions	SPR/2010 - AUT/9999	3.0	.	CR/NC	.	.	.	.	.	.	.	.	.	ATM S 560	OCEAN 560	.
	COMMENT:MOVE JT COLLEGE																
ATM S 564	ATMOSPHERIC AEROSOL Atmospheric Aerosol and Multiphase Atmospheric Chemistry	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.			.
	COMMENT:MOVE COLLEGE																
ATM S 571	ADV PHYSICAL CLIMAT Advanced Physical Climatology	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.			.
	COMMENT:MOVE COLLEGE																
ATM S 575	LS DYNAM-TROP ATMOS Large Scale Dynamics of the Tropical Atmosphere	AUT/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.			.
	COMMENT:CHG GRADING																
ATM S 581	TIME DEPNDT PROBS Numerical Analysis of Time Dependent Problems	SPR/2014 - AUT/9999	5.0	AMATH 586	MATH 586	.
	COMMENT:EMAIL PREQ CHG														AMATH 586		

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				-ALL U	GRD		E	U N E	P & N	C M S N	A S W T P R G						
ATM S 582	ADV NUMERICAL MODEL Advanced Numerical Modeling of Geophysical Flows	AUT/2009 - AUT/9999	3.0
	COMMENT:MOVE COLLEGE																
ATM S 585	PNW CLIMATE IMPACTS Climate Impacts on the Pacific Northwest	WIN/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	ATM S 585	ENVIR 585	.	.
	COMMENT:CHG JT STATUS													ESS 585	SMEA 585		
ATM S 586	CLIMATE SEMINAR Current Research in Climate Change	SPR/2010 - AUT/9999	2.0	20.0	.	CR/NC	.	.	.	.	.	.	.	ESS 586	ESS 586	.	.
	COMMENT:MOVE JT COLLEGE													OCEAN 586			
ATM S 587	FUND CLIMATE CHANGE Fundamentals of Climate Change	AUT/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	ESS 587	OCEAN 587	.	.
	COMMENT:CHG TITLES, DESC													ESS 587			
ATM S 588	CARBON AND CLIMATE The Global Carbon Cycle and Climate	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	OCEAN 588	ESS 588	.	.
	COMMENT:MOVE JT COLLEGE													OCEAN 588			
ATM S 589	PALEOCLIMATOLOGY Paleoclimatology: Data, Modeling and Theory	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	ESS 589	OCEAN 589	.	.
	COMMENT:MOVE JT COLLEGE													ESS 589			
ATM S 591	SPECIAL TOPICS Special Topics	AUT/2009 - AUT/9999	1.0-04.0	9.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ATM S 593	CLIMATE SEMINAR Climate Science Seminar	SPR/2010 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	ATM S 593	ESS 593	.	.
	COMMENT:MOVE JT COLLEGE													OCEAN 593			
ATM S 596	CLIMATE CAPSTONE Climate Science Capstone Project	SPR/2010 - AUT/9999	1.0-05.0	5.0	ATM S 596	ESS 596	.	.
	COMMENT:MOVE JT COLLEGE													OCEAN 596			

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				-ALL U	GRD		E	U N E	P	& N C M S N	A S W T P R G						
C ENV 110	FOOD & ENVIRONMENT Introduction to Food and the Environment	AUT/2011 - AUT/9999	5.0	Y	Y
				LAST UPDT: 2/15/11		APPROVED: 2/15/11											
C ENV 190	INTRODUCTORY TOPICS Introductory Topics in Environment	AUT/2011 - AUT/9999	1.0-05.0	15.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/22/11		APPROVED: 3/15/11											
C ENV 410	MESA TUTOR WRKSHP MESA Introductory Tutor Training Workshop	AUT/2014 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/14		APPROVED: 4/15/14											
C ENV 420	MESA TUTOR SEMNR MESA Introductory Tutor Training Seminar	AUT/2014 - AUT/9999	1.0-02.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/14		APPROVED: 4/15/14											
C ENV 425	MESA TUTORING MESA Tutoring Practicum	AUT/2014 - AUT/9999	1.0-03.0	15.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/14		APPROVED: 4/15/14											
C ENV 430	MESA ADV TUTOR SEM MESA Advanced Tutor Training Seminar	AUT/2014 - AUT/9999	1.0-02.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/14		APPROVED: 4/15/14											
C ENV 490	SPECIAL TOPICS Special Topics in Environment	WIN/2011 - AUT/9999	1.0-05.0	15.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/19/10		APPROVED:10/19/10											
C ENV 500	COM SCI TO PUBLIC Communicating Science to the Public Effectively	WIN/2013 - AUT/9999	3.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/30/12		APPROVED: 9/18/12											
C ENV 590	SPECIAL TOPICS Special Topics in Environment	WIN/2011 - AUT/9999	1.0-05.0	15.0
				LAST UPDT:10/19/10		APPROVED:10/19/10											

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CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER 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	M				S	N
FHL 101	MAR BIO WEEKEND Introduction to Marine Biology in the San Juan Islands	SPR/2017 - AUT/9999	1.0	Y
				LAST UPDT:12/09/16 APPROVED:11/15/16															
				FEE TYPE:1 \$120.00 BUDGET:068530 REV OBJ CD:943081															
FHL 305	BIOLOGY OF FISHES Biology of Fishes	AUT/2015 - AUT/9999	5.0	Y
				LAST UPDT: 6/05/15 APPROVED: 4/15/14															
				FEE TYPE:1 \$100.00 BUDGET:029357 REV OBJ CD:943081															
FHL 333	SPEC TOPICS MAR SCI Special Topics in Marine Science	SPR/2016 - AUT/9999	3.0-05.0
				LAST UPDT: 3/21/16 APPROVED: 2/16/16															
FHL 375	MAR MAMM SALISH Marine Mammals of the Salish Sea	SPR/2017 - AUT/9999	5.0	Y
				LAST UPDT:12/12/16 APPROVED:11/15/16															
				FEE TYPE:1 \$120.00 BUDGET:068530 REV OBJ CD:943081															
FHL 430	MARINE ZOOLOGY Marine Zoology	AUT/2014 - AUT/9999	5.0	Y	FHL 430 BIOL 430	.	.	.
				LAST UPDT:10/16/15 APPROVED: 6/03/14															
				FEE TYPE:1 \$90.00 BUDGET:068530 REV OBJ CD:943081															
FHL 432	MARINE INVERT ZOOL Marine Invertebrate Zoology	SUM/2015 - AUT/9999	9.0	Y	FHL 432 BIOL 432	.	.	.
				LAST UPDT: 1/30/15 APPROVED: 2/20/15															
				FEE TYPE:1 \$150.00 BUDGET:098456 REV OBJ CD:943081															
FHL 435	RES APPRENTICESHIP Research Apprenticeship in Marine Science	AUT/2015 - AUT/9999	15.0	Y	.	FHL 435 BIOL 435	.	.	.
				LAST UPDT: 9/10/15 APPROVED: 1/20/15															
				MARBIO 435															
FHL 440	MARINE BOTANY Marine Botany	AUT/2014 - AUT/9999	5.0	Y	FHL 440 BIOL 445	.	.	.
				LAST UPDT:10/16/15 APPROVED: 6/03/14															
				FEE TYPE:1 \$90.00 BUDGET:068530 REV OBJ CD:943081															
FHL 446	MAR BOT DIV ECOL Marine Botany: Diversity and Ecology	SUM/2016 - AUT/9999	9.0	Y
				LAST UPDT: 1/22/16 APPROVED: 1/20/15															
				FEE TYPE:1 \$150.00 BUDGET:098456 REV OBJ CD:943081															

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				-ALL U	GRD	E	D	U N E	P & N C M S N	A S W T P R G	A S W T P R G							
FHL 450	SHORE ECOL RES EXP Nearshore Ecology Research Experience	AUT/2015 - AUT/9999	6.0	Y	.	Y	.	.	.	FHL 450	MARBIO450	.		
		COMMENT:CHG JT STATUS		LAST UPDT: 1/21/15				APPROVED: 4/15/14				FEE TYPE:1		\$90.00 BUDGET:029357 REV OBJ CD:943081				
FHL 460	AQUA ANIMAL RES EXP Aquatic Animals Research Experience	AUT/2015 - AUT/9999	6.0	.	.	.	.	Y	.	Y	.	.	.	FHL 460	MARBIO460	.
		COMMENT:CHG JT STATUS		LAST UPDT: 1/21/15				APPROVED: 4/15/14				FEE TYPE:1		\$90.00 BUDGET:029357 REV OBJ CD:943081				
FHL 470	RES IN MARINE BIOL Research in Marine Biology	AUT/2015 - AUT/9999	1.0-15.0	15.0	.	.	.	Y	.	Y	.	.	.	FHL 470	MARBIO470	.		
		COMMENT:CHG JT STATUS		LAST UPDT: 6/10/15				APPROVED: 4/15/14				FEE TYPE:1		\$100.00 BUDGET:029357 REV OBJ CD:943081				
FHL 490	MARINE SCI SEMINAR Marine Sciences Seminar	AUT/2014 - AUT/9999	1.0	3.0	.	.	.	.	.	Y	.	.	.			.
				LAST UPDT: 4/28/14				APPROVED: 4/15/14										
FHL 492	MAR BIRD MAMM Ecology and Conservation of Marine Birds and Mammals	SUM/2015 - AUT/9999	9.0-15.0	15.0	.	.	.	Y	.	Y	.	.	.	FHL 492	FISH 492	.		
				LAST UPDT: 1/30/15				APPROVED:12/16/14				FEE TYPE:1		\$150.00 BUDGET:098456 REV OBJ CD:943081		MARBIO 492		
FHL 528	ADV TPCS FISH BIOL Advanced Topics in Fish Biology	SUM/2015 - AUT/9999	9.0	27.0	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 2/19/15				APPROVED: 2/17/15										
FHL 536	COMP INVERT EMBRYOL Comparative Invertebrate Embryology	SUM/2015 - AUT/9999	9.0	.	.	.	.	Y	.	.	.	.	.	FHL 536	BIOL 536	.
				LAST UPDT: 1/30/15				APPROVED: 1/20/15				FEE TYPE:1		\$150.00 BUDGET:098456 REV OBJ CD:943081				
FHL 548	ADV TPCS EVOL DEVEL Advanced Topics in Evolution and Development	SUM/2015 - AUT/9999	9.0	27.0	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 7/23/15				APPROVED: 2/17/15										
FHL 568	ADV TPC ECOL BIOMCH Advanced Topics in Ecology and Biomechanics	SUM/2015 - AUT/9999	9.0	27.0	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 2/19/15				APPROVED: 2/17/15										
FHL 578	SPEC TOP SCI COMMUN Special Topics in Science Communication	SUM/2017 - AUT/9999	9.0	Y		
				LAST UPDT:11/02/16				APPROVED:10/18/16										

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					-ALL	U		GRD	E	U		N	E	L				I	E	C	Q	T
					MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	COURSE	COURSES	T

FHL 585 ADV TPC NBIO&PHYSIO SUM/2015 - AUT/9999 9.0
Advanced Topics in Neurobiology and Physiology

27.0
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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
ENVIR 100	INTRO ENV STUDIES Introduction to Environmental Studies	WIN/2016 - AUT/9999	5.0	Y	Y
				LAST UPDT:10/22/15		APPROVED: 1/25/06											
ENVIR 103	SOCIETY & THE OCEANS Society and the Oceans	AUT/2012 - AUT/9999	5.0	.	.	.	.	.	.	Y	Y	.	.	.	SMEA 103 JSIS B103	.	
				LAST UPDT:12/15/11		APPROVED:12/21/10											
				COMMENT:CHG JT STATUS													
ENVIR 200	ENVIR COMMUNICATION Communication for Environmental Studies	WIN/2016 - AUT/9999	5.0	.	.	.	.	.	.	Y	Y	.	.	.	.	.	.
				LAST UPDT:10/22/15		APPROVED: 3/29/06											
ENVIR 210	INTRO ENVIR MODEL Introduction to Environmental Modeling	SPR/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	Y	.	Q SCI 210 Q SCI 210	.	
				LAST UPDT:10/01/15		APPROVED:12/30/86											
				COMMENT:CHG CREDITS, DESC													
ENVIR 211	ENVIR JUSTICE Environmental Justice	SPR/2010 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	ANTH 211 ANTH 211	.	
				LAST UPDT: 2/19/15		APPROVED: 9/15/09											
				AES 211													
ENVIR 221	US ENVIRON HIST Environmental History of the United States	SPR/2010 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	HSTAA 221 HSTAA 221	.	
				LAST UPDT: 2/16/10		APPROVED: 2/16/10											
				COMMENT:JOINT WITH HSTAA 221													
ENVIR 235	INTRO ENVIRO ECON Introduction to Environmental Economics	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	Y	Y	.	.	.	ESRM 235 ECON 235	.	
				LAST UPDT: 7/23/15		APPROVED: 2/19/08											
				ESRM 235													
				COMMENT:MOVE COLLEGE													
ENVIR 239	SUSTAINABLE CHOICES Sustainability: Personal Choices, Broad Impacts	AUT/2014 - AUT/9999	3.0-05.0	.	.	.	.	.	.	Y	Y	.	.	.	.	.
				LAST UPDT: 6/04/14		APPROVED: 6/03/14											
ENVIR 240	THE URBAN FARM The Urban Farm	SPR/2014 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.
				LAST UPDT: 2/10/15		APPROVED: 3/18/14											
				FEE TYPE:1 \$30.00 BUDGET:069240 REV OBJ CD:943081													
ENVIR 243	ENVIRONMENTAL ETHICS Environmental Ethics	AUT/2014 - AUT/9999	5.0	Y	Y	.	.	.	PHIL 243 PHIL 243	.	
				LAST UPDT: 8/05/14		APPROVED: 5/17/06											
				COMMENT:14-16 AOK													

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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 C M S N	A S W T P R G						
ENVIR 250	RES METHODS ENV ST Research Methods in Environmental Studies	WIN/2016 - AUT/9999	5.0	.	.	.	. . Y	.	. . Y . . Y .							
				LAST UPDT:10/22/15 APPROVED: 9/15/09 FEE TYPE:1 \$10.00 BUDGET:069240 REV OBJ CD:943081													
ENVIR 260	PUGET ECOSYSTEM THE PUGET SOUND ECOSYSTEM	SPR/2010 - AUT/9999	3.0-05.0	5.0	.	.	. . .	.	. Y Y					OCEAN 260	OCEAN 260	.
				LAST UPDT: 2/10/10 APPROVED:11/21/05 COMMENT:MOVE JT COLLEGE													
ENVIR 280	NAT HIST PUGET SOUND Natural History of the Puget Sound Region	WIN/2016 - AUT/9999	5.0	.	.	.	. . Y	.	. . Y							
				LAST UPDT:11/29/16 APPROVED: 1/17/12 FEE TYPE:1 \$90.00 BUDGET:069240 REV OBJ CD:943081													
ENVIR 295	SPECIAL TOPICS Special Topics in Environmental Studies	WIN/2016 - AUT/9999	1.0-05.0	10.0	.	.	. . .	.	. . . . . . .			
				LAST UPDT:10/22/15 APPROVED:10/20/15													
ENVIR 296	STUDY ABROAD Study Abroad - Environmental Studies	AUT/2009 - AUT/9999	1.0-15.0	15.0	.	.	. . .	.	. . . . . . .			
				LAST UPDT: 8/12/09 APPROVED: 6/13/06 COMMENT:MOVE COLLEGE													
ENVIR 300	ANALYSIS ENV CASES Analysis of Environmental Cases	WIN/2016 - AUT/9999	5.0	.	.	.	. . .	.	. Y Y							
				LAST UPDT:10/22/15 APPROVED: 3/29/06													
ENVIR 313	ENVIR EARTH SCI Environmental Earth Science	AUT/2009 - AUT/9999	5.0	.	.	.	. . Y	.	. . Y					ESS 315	ESS 315	.
				LAST UPDT: 3/21/16 APPROVED: 3/01/76 FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081 COMMENT:MOVE COLLEGE													
ENVIR 320	CHANGING RIVERS Changing Rivers of Puget Sound	SPR/2011 - AUT/9999	5.0	.	.	.	. . Y	.	. . Y					ESS 320	ESS 320	.
				LAST UPDT: 8/05/14 APPROVED:12/21/10 FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081 COMMENT:PENDING													
ENVIR 330	CLIMATE CHG MAR ECO Climate Change Impacts on Marine Ecosystems	SPR/2010 - AUT/9999	5.0 Y					FISH 330	FISH 330	.	
				LAST UPDT: 2/10/10 APPROVED: 1/15/08 COMMENT:MOVE JT COLLEGE													

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				-ALL U	GRD		U N E	P	& N	C	M	S	N	A			
ENVIR 341	ENERGY & ENVIRON Energy and Environment	AUT/2014 - AUT/9999	3.0	CHEM E341 M E 341 .
	COMMENT:CHG RESP DEPT																CHEM E 341
ENVIR 350	INTERNSHIP Internship	AUT/2012 - AUT/9999	1.0-05.0	15.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:12-14 DESC CHG																
ENVIR 360	ENVIR NORM INTL POL Environmental Norms in International Politics	AUT/2012 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	JSIS B350 JSIS B350 .
	COMMENT:CHG JT STATUS																SCAND 350
ENVIR 362	INTRO REST ECOL Introduction to Restoration Ecology	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	ESRM 362 ESRM 362 .
	COMMENT:MOVE COLLEGE																
																	FEE TYPE:1 \$25.00 BUDGET:069393 REV OBJ CD:943081
ENVIR 371	ANTH OF DEVELOP Anthropology of Development	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	ANTH 371 ANTH 371 .
	COMMENT:MOVE COLLEGE																
ENVIR 379	ENVIRON SOCIOLOGY Environmental Sociology	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	ESRM 371 ESRM 371 .
	COMMENT:MOVE COLLEGE																SOC 379
ENVIR 384	GLOBAL ENV POLITICS Global Environmental Politics	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	POL S 384 POL S 384 .
	COMMENT:MOVE COLLEGE																
ENVIR 385	WORLD FOOD POLITCS Political Ecology of the World Food System	SPR/2013 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	POL S 385 POL S 385 .
ENVIR 410	RESOURCE ECOSYSTEMS Growing Stuff: Ecology, Economy, and Culture of Resource-Production Ecosystems	WIN/2017 - AUT/9999	5.0	ANTH 410 ESRM 405 .
																	ANTH 410
																	FEE TYPE:1 \$37.00 BUDGET:069643 REV OBJ CD:943081

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				-ALL U	GRD	E	U N E	P & N C M S N	A S W T P R G	P	S				H	F
ESS 100	DINOSAURS Dinosaurs	AUT/2009 - AUT/9999	2.0
	COMMENT:MOVE COLLEGE															
ESS 101	INTRO TO GEOL SCI Introduction to Geological Sciences	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE															
ESS 102	SPACE&SPACE TRAVEL Space and Space Travel	SPR/2016 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:END INTIAL DL															
ESS 103	MINERALS AND GEMS Minerals and Gems	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE															
ESS 104	PREHISTORIC LIFE Prehistoric Life	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE															
ESS 105	PROCESSES & HAZARDS The Earth: Its Processes and Hazards	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE															
ESS 106	LIVING WITH VOLCANO Living with Volcanoes	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE															
ESS 115	INTRO ASTROBIOLOGY Astrobiology: Life in the Universe	SPR/2010 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE JT COLLEGE															
ESS 119	ESS LAB TOURS Introduction to Laboratories	SPR/2013 - AUT/9999	1.0	3.0	.	CR/NC

OCEAN 115
 ASTR 115
 BIOL 114

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				-ALL U	GRD		E	U N E	P	N	C	M	S	N			
ESS 201	EARTH CLIMATE The Earth System and Climate	AUT/2009 - WIN/2017	5.0	Y
COMMENT:MOVE COLLEGE				LAST UPDT:11/30/16		APPROVED: 6/27/01											
ESS 201	EARTH CLIMATE The Earth System and Climate	SPR/2017 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT:11/30/16		APPROVED: 6/27/01											
ESS 202	EARTHQUAKES Earthquakes	AUT/2012 - AUT/9999	5.0	.	.	.	Y	.	Y	Y	.	.	.	.	.	.	.
COMMENT:ADD AOK				LAST UPDT: 9/18/12		APPROVED: 3/13/97		FEE TYPE:1 \$15.00 BUDGET:069340 REV OBJ CD:943081									
ESS 203	GLACIERS/GLBL CHNGE Glaciers and Global Change	WIN/2013 - AUT/9999	5.0	.	.	.	Y	.	Y	Y	.	.	.	.	.	.	.
COMMENT:CHG AOK, DESC				LAST UPDT: 8/14/14		APPROVED: 9/28/98		FEE TYPE:1 \$12.00 BUDGET:069340 REV OBJ CD:943081									
ESS 204	PALEOBI MASS EXTNCT The Paleobiology and Geobiology of Mass Extinctions	WIN/2015 - AUT/9999	3.0-04.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT:11/19/14		APPROVED:11/18/14											
ESS 205	ACCESS TO SPACE Access to Space	AUT/2009 - AUT/9999	5.0	.	.	.	Y	.	Y	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/06/12		APPROVED: 2/26/03		FEE TYPE:1 \$32.00 BUDGET:069340 REV OBJ CD:943081									
ESS 209	INTERDISC FIELD SEM Interdisciplinary Earth Sciences Field Seminar	AUT/2009 - AUT/9999	3.0-12.0	12.0	.	.	.	.	.	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 7/13/05											
ESS 210	PHYSICAL GEOLOGY Physical Geology	AUT/2009 - WIN/2017	5.0	.	.	.	Y	.	Y	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 1/05/17		APPROVED: 1/01/82		FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081									
ESS 210	PHYSICAL GEOLOGY Physical Geology	SPR/2017 - AUT/9999	5.0	.	.	.	Y	.	Y	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 1/05/17		APPROVED: 1/01/82		FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081									

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				-ALL	U	GRD	E	U	N	E	P	N	C	M	S			
ESS 211	PHYS PROC EARTH Physical Processes of the Earth	WIN/2014 - WIN/2017	5.0	Y	.	.	Y
				LAST UPDT: 1/05/17 APPROVED: 3/17/97 FEE TYPE:1 \$26.00 BUDGET:069340 REV OBJ CD:943081 COMMENT:EMAIL PREQ CHG														
ESS 211	PHYS PROC EARTH Physical Processes of the Earth	SPR/2017 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 1/05/17 APPROVED: 3/17/97 FEE TYPE:1 \$26.00 BUDGET:069340 REV OBJ CD:943081														
ESS 212	EARTH MATERIALS Earth Materials and Processes	WIN/2014 - WIN/2017	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 1/05/17 APPROVED: 9/22/97 FEE TYPE:1 \$75.00 BUDGET:069340 REV OBJ CD:943081 COMMENT:EMAIL PREQ CHG														
ESS 212	EARTH MATERIALS Earth Materials and Processes	SPR/2017 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 1/05/17 APPROVED: 9/22/97 FEE TYPE:1 \$75.00 BUDGET:069340 REV OBJ CD:943081														
ESS 213	EVOLUTION OF EARTH Evolution of the Earth	SPR/2015 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 2/18/15 APPROVED: 9/22/97 FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081 COMMENT:EMAIL PREQ CHG														
ESS 230	RIVERS AND BEACHES Rivers and Beaches	SPR/2010 - AUT/9999	3.0-05.0	.	.	.	.	Y	.	.	Y	.	.	.	.	ESS 230	OCEAN 230	.
				LAST UPDT: 8/06/12 APPROVED: 4/28/03 FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081 COMMENT:MOVE JT COLLEGE														
ESS 290	SPECIAL TOPICS Special Topics	WIN/2017 - AUT/9999	1.0-10.0	20.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 6/13/16 APPROVED: 6/07/16														
ESS 301	GEOL OF NORTHWEST Geology of the Northwest	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 8/06/12 FEE TYPE:1 \$25.00 BUDGET:069340 REV OBJ CD:943081 COMMENT:MOVE COLLEGE														
ESS 302	GREAT ICE AGE Great Ice Age	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 8/06/12 APPROVED:10/01/85 FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081 COMMENT:MOVE COLLEGE														

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				-ALL	U		GRD	E	U	N	E	P	&	N			
ESS 303	GEOLOGIC HAZARDS GEOLOGIC HAZARDS	AUT/2009 - AUT/9999	5.0
				LAST UPDT:12/11/12		APPROVED:12/06/91											
				COMMENT:MOVE COLLEGE													
ESS 304	NW VOLC AND GLAC Volcanoes and Glaciers of the Pacific Northwest	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 8/06/12		APPROVED:12/01/83											
				FEE TYPE:1		\$39.00		BUDGET:069340		REV OBJ CD:943081							
ESS 305	GEOL NATIONAL PARKS Geology of the National Parks	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 8/06/12		APPROVED:12/01/89											
				FEE TYPE:1		\$30.00		BUDGET:069340		REV OBJ CD:943081							
ESS 306	PLANETARY GEOLOGY Planetary Geology	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 8/12/09		APPROVED:12/10/90											
				COMMENT:MOVE COLLEGE													
ESS 310	EARTH SCI MATH Mathematical Methods in the Earth Sciences	AUT/2012 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 9/05/12		APPROVED: 8/21/12											
ESS 311	GEOMECHANICS Geomechanics	WIN/2017 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 5/11/16		APPROVED: 2/25/98											
				FEE TYPE:1		\$10.00		BUDGET:069340		REV OBJ CD:943081							
ESS 312	GEOCHEMISTRY Geochemistry	AUT/2016 - WIN/2017	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 1/05/17		APPROVED: 2/25/98											
ESS 312	GEOCHEMISTRY Geochemistry	SPR/2017 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 1/05/17		APPROVED: 2/25/98											
ESS 313	GEOBIOLOGY Geobiology	WIN/2017 - WIN/2017	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT:11/30/16		APPROVED: 2/25/98											
				FEE TYPE:1		\$40.00		BUDGET:069340		REV OBJ CD:943081							

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				-ALL U	GRD		U N E	P	N	C	M	S	N				
ESS 313	GEOBIOLOGY Geobiology	SPR/2017 - AUT/9999	5.0	Y	.	.	Y
				LAST UPDT:11/30/16 APPROVED: 2/25/98 FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081													
ESS 314	GEOPHYSICS Geophysics	AUT/2016 - WIN/2017	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 1/13/17 APPROVED:10/29/03													
ESS 314	GEOPHYSICS Geophysics	SPR/2017 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 1/13/17 APPROVED:10/29/03													
ESS 315	ENVIR EARTH SCI Environmental Earth Science	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	ESS 315 ENVIR 313	.
				LAST UPDT: 8/06/12 APPROVED: 3/01/76 COMMENT:MOVE COLLEGE FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081													
ESS 320	CHANGING RIVERS Changing Rivers of Puget Sound	SPR/2011 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	ESS 320 ENVIR 320	.
				LAST UPDT: 8/05/14 APPROVED:12/21/10 COMMENT: DING FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081 AIS 320													
ESS 326	GEOMORPHOLOGY Geomorphology	AUT/2012 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 9/28/12 APPROVED: 2/25/98 COMMENT:CHG PREQ FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081													
ESS 345	MINERAL DEPOSITS The Environment of Fuel and Mineral Deposits	SPR/2012 - AUT/9999	3.0	.	.	.	.	Y	.	.	Y	Y	.	.	.	.	.
				LAST UPDT: 8/06/12 APPROVED: 9/24/01 COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081													
ESS 400	FIELD GEOLOGY Field Geology	AUT/2009 - AUT/9999	12.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 8/12/09 APPROVED: 3/01/89 COMMENT:MOVE COLLEGE													
ESS 401	REGIONAL GEOL PNW Regional Geology of the Pacific Northwest	AUT/2009 - AUT/9999	3.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 8/06/12 APPROVED: 5/20/96 COMMENT:MOVE COLLEGE FEE TYPE:1 \$45.00 BUDGET:069340 REV OBJ CD:943081													

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				-ALL U	GRD		U N E	P	& N C M S N	A S W T P R G							
ESS 435	GLACIAL PERIGLACIAL Glacial-Periglacial Geomorphology NW	SPR/2017 - AUT/9999	3.0	Y
				LAST UPDT: 1/13/17		APPROVED:12/21/10											
ESS 437	MINERALOGY Mineralogy	AUT/2009 - WIN/2017	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 1/05/17		APPROVED:10/26/99											
				COMMENT:MOVE COLLEGE													
ESS 437	MINERALOGY Mineralogy	SPR/2017 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 1/05/17		APPROVED:10/26/99											
ESS 439	PETRG/PETRL IGN RCK Petrology of Igneous Rocks	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 8/12/09													
				COMMENT:MOVE COLLEGE													
ESS 440	PETRO/PETRL META RK Petrography and Petrology of Metamorphic Rocks	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 8/12/09													
				COMMENT:MOVE COLLEGE													
ESS 441	PETRG/PETRL SED RCK Petrology and Petrography of Sedimentary Rocks	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 8/12/09		APPROVED:12/01/81											
				COMMENT:MOVE COLLEGE													
ESS 445	GEOL OF ORE DEPOSIT Geology of Ore Deposits	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 8/06/12		APPROVED: 6/01/77											
				COMMENT:MOVE COLLEGE													
				FEE TYPE:1		\$50.00 BUDGET:069340 REV OBJ CD:943081											
ESS 447	ENGINEERING GEOLOGY Engineering Geology: Methods and Application	AUT/2013 - AUT/9999	4.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/20/13		APPROVED: 2/28/12											
				FEE TYPE:1		\$40.00 BUDGET:069340 REV OBJ CD:943081											
ESS 449	BIOL FIELD METHODS Intensive Field Experience in Biology	SUM/2015 - AUT/9999	3.0-05.0	.	.	.	.	Y	.	Y	.	.	.	.	BIOL 475	BIOL 475	.
				LAST UPDT: 6/04/15		APPROVED:12/21/10											
				FEE TYPE:1		\$120.00 BUDGET:069377 REV OBJ CD:943081											
				COMMENT:CHG CREDITS													

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				-ALL U	GRD	E	U N E	P & N C M S N	A S W T P R G	P	S Y S				D H Y P H	M R E						
ESS 459	ENV ISOTOPE GEOCHEM Environmental Isotope Geology	AUT/2009 - AUT/9999	3.0	
				LAST UPDT: 8/12/09		APPROVED:10/01/74																
ESS 460	COSMOGENIC NUCLIDES Cosmogenic Nuclides in Geomorphology	AUT/2009 - AUT/9999	3.0	
				LAST UPDT: 8/12/09		APPROVED: 3/29/04																
ESS 461	GEOLOGICAL TIME Geological Time	AUT/2009 - AUT/9999	3.0	
				LAST UPDT: 8/12/09		APPROVED: 3/27/95																
ESS 462	VOLCANIC PROCESSES Volcanic Processes	SPR/2014 - AUT/9999	4.0	
				LAST UPDT:12/12/13		APPROVED: 6/01/99																
ESS 463	STRUCTURE TECTONICS Structure and Tectonics	WIN/2013 - WIN/2017	5.0	
				LAST UPDT:11/30/16		APPROVED: 2/25/98																
				FEE TYPE:1		\$150.00 BUDGET:069340		REV OBJ CD:943081														
ESS 463	STRUCTURE TECTONICS Structure and Tectonics	SPR/2017 - AUT/9999	5.0	
				LAST UPDT:11/30/16		APPROVED: 2/25/98																
				FEE TYPE:1		\$150.00 BUDGET:069340		REV OBJ CD:943081														
ESS 464	GEODYNAMICS GEODYNAMICS	AUT/2012 - AUT/9999	4.0	
				LAST UPDT: 9/06/12		APPROVED: 2/28/94																
ESS 465	SEIS & EARTHQKE ENGR Seismology and Earthquake Engineering	AUT/2012 - AUT/9999	3.0	CEE 431	CEE 431	.
				LAST UPDT: 3/21/16		APPROVED:12/01/99																
ESS 466	APPLIED SEISMOLOGY APPLIED SEISMOLOGY	AUT/2009 - AUT/9999	2.0
				LAST UPDT: 8/12/09		APPROVED: 1/01/88																

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				-ALL	U	GRD	E	U	N	E	P	& N	C	M	S			
ESS 508	GREAT GEOL ISSUES Great Geological Issues	AUT/2009 - AUT/9999	3.0
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09				APPROVED: 3/29/06										
ESS 509	APPL FIELD MTHDS I Field Methods in Applied Geology I	WIN/2014 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.
	COMMENT:ADD FEE			LAST UPDT: 9/05/13				APPROVED: 4/16/13				FEE TYPE:1 \$500.00 BUDGET:069340 REV OBJ CD:943081						
ESS 510	APPL FIELD MTHDS II Field Methods in Applied Geology II	WIN/2014 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.
	COMMENT:ADD FEE			LAST UPDT: 9/05/13				APPROVED: 4/16/13				FEE TYPE:1 \$500.00 BUDGET:069340 REV OBJ CD:943081						
ESS 511	CONTINUUM MECHANICS Geophysical Continuum Mechanics	AUT/2010 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG CREDITS			LAST UPDT: 3/15/10				APPROVED: 1/24/95										
ESS 512	INTRO SEISMOLOGY Seismology	AUT/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG TITLES, DESC, PREQ			LAST UPDT:12/20/10				APPROVED: 1/24/95										
ESS 513	THE EARTH Geophysics: The Earth	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09				APPROVED: 1/24/95										
ESS 514	FLUIDS Geophysics: Fluids	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09				APPROVED: 1/24/95										
ESS 515	SPACE Geophysics: Space	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09				APPROVED: 1/24/95										
ESS 516	THE ATMOSPHERE Geophysics: The Atmosphere	AUT/2009 - AUT/9999	3.0
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09				APPROVED: 1/24/95										

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COLLEGE : D - Environment
 DEPARTMENT: EARTH AND SPACE SCIENCES

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			
ESS 550	EMAG & POTEN FIELDS Electromagnetic and Potential Field Methods	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE																	
ESS 551	MINERAL PHYSICS Mineral Physics	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE																	
ESS 552	SOLUTION GEOCHEM SOLUTION GEOCHEMISTRY	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE																	
ESS 553	ELEC BEAM ANALYSIS Electron Beam Microanalysis	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE																	
ESS 554	PALEOCLIMAT PROXIES Paleoclimate Proxies	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	ATM S 554	ATM S 554	.
OCEAN 554																	
ESS 555	PHYS CHEM EARTH Physics and Chemistry of the Earth's Interior	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE																	
ESS 556	PHYSICAL PETROLOGY PHYSICAL PETROLOGY	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE																	
ESS 557	VERTE PALEO Vertebrate Paleontology	WIN/2014 - AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.	.	BIOL 557	BIOL 557	.
COMMENT:CHG FEE																	
FEE TYPE:1 \$50.00 BUDGET:069377 REV OBJ CD:943081																	
ESS 558	GRAD PALEOBIO RES Introduction to Graduate Research in Paleobiology	AUT/2012 - AUT/9999	1.0	.	CR/NC	BIOL 555	BIOL 555	.

LAST UPDT: 8/23/12 APPROVED: 6/19/12

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COLLEGE : D - Environment
 DEPARTMENT: EARTH AND SPACE SCIENCES

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		U	N	E	P	& N	C	M	S				N	
ESS 583	SOLAR SYSTEM ORIGIN Origin of the Solar System	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	ASTR 557	ASTR 557	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09		APPROVED: 9/01/77													
ESS 585	PNW CLIMATE IMPACTS Climate Impacts on the Pacific Northwest	WIN/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	ATM S 585	ATM S 585	.
	COMMENT:CHG JT STATUS			LAST UPDT: 9/07/11		APPROVED: 1/30/03		ENVIR 585		SMEA 585									
ESS 586	CLIMATE SEMINAR Current Research in Climate Change	SPR/2010 - AUT/9999	2.0	20.0	.	CR/NC	.	.	.	.	.	.	ESS 586	ATM S 586	.	
	COMMENT:MOVE JT COLLEGE			LAST UPDT: 2/10/10		APPROVED: 2/25/02		OCEAN 586											
ESS 587	FUND CLIMATE CHANGE Fundamentals of Climate Change	AUT/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	ESS 587	ATM S 587	.	
	COMMENT:CHG TITLES, DESC			LAST UPDT: 3/21/13		APPROVED: 2/25/02		OCEAN 587											
ESS 588	CARBON AND CLIMATE The Global Carbon Cycle and Climate	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	OCEAN 588	ATM S 588	.	
	COMMENT:MOVE JT COLLEGE			LAST UPDT: 2/10/10		APPROVED: 2/25/02		OCEAN 588											
ESS 589	PALEOCLIMATOLOGY Paleoclimatology: Data, Modeling, and Theory	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	ESS 589	ATM S 589	.	
	COMMENT:MOVE JT COLLEGE			LAST UPDT: 2/10/10		APPROVED: 2/25/02		OCEAN 589											
ESS 590	SPECIAL TOPICS Special Topics	AUT/2009 - AUT/9999	2.0-10.0	20.0	Y	.	.	.	.	.	.	.			.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09		APPROVED: 9/27/91													
ESS 592	PROF PRACTICE SEM Professional Practice in Applied Geosciences	AUT/2013 - AUT/9999	1.0	3.0	.	.	.	.	Y	.	.	.			.
	COMMENT:ADD FEE			LAST UPDT: 8/20/13		APPROVED: 8/21/12		FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081											
ESS 593	CLIMATE SEMINAR Climate Science Seminar	SPR/2010 - AUT/9999	1.0	.	CR/NC	ATM S 593	ATM S 593	.				
	COMMENT:MOVE JT COLLEGE			LAST UPDT: 2/10/10		APPROVED:12/16/08		OCEAN 593											

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COLLEGE : D - Environment
 DEPARTMENT: OCEANOGRAPHY

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	M	S	N	R	I
						MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	COURSE	COURSES	T	
OCEAN	215	OCEAN DATA ANALYSIS Methods of Oceanographic Data Analysis	SPR/2015 -	AUT/9999	4.0	
						LAST UPDT: 4/13/15 APPROVED: 2/17/15																		
OCEAN	220	INTRO FIELD OCEAN Introduction to Field Oceanography	SPR/2011 -	AUT/9999	3.0-05.0	Y	.	.	Y	.	.	.	Y	
						LAST UPDT: 7/23/15 APPROVED:10/05/73																		
						COMMENT:CHG DESC FEE TYPE:1 \$50.00 BUDGET:099670 REV OBJ CD:943081																		
OCEAN	230	RIVERS AND BEACHES Rivers and Beaches	SPR/2010 -	AUT/9999	3.0-05.0	Y	.	.	Y	ESS	230	ESS	230	.
						LAST UPDT: 7/23/15 APPROVED: 4/28/03																		
						COMMENT:MOVE COLLEGE FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081																		
OCEAN	235	ARCTIC CHANGE Arctic Change	SPR/2014 -	AUT/9999	2.0-03.0	Y	.	.	Y
						LAST UPDT: 2/19/15 APPROVED: 2/15/11																		
						COMMENT:WAS OCEAN 122, CHG CREDITS																		
OCEAN	240	SPEC TOPICS OCEAN Special Topics in Oceanography	WIN/2017 -	AUT/9999	1.0-05.0	9.0	.	.	.	Y	.	.	Y
						LAST UPDT: 8/25/16 APPROVED: 9/17/96																		
						FEE TYPE:1 \$50.00 BUDGET:069670 REV OBJ CD:943081																		
OCEAN	250	MARINE BIOLOGY Marine Biology	SPR/2010 -	AUT/9999	3.0-05.0	5.0	.	.	.	Y	.	.	Y	Y	FISH	250	BIOL	250	.
						LAST UPDT: 7/23/15 APPROVED: 2/21/01																		
						COMMENT:MOVE COLLEGE FEE TYPE:1 \$75.00 BUDGET:069602 REV OBJ CD:943081																		
OCEAN	260	PUGET ECOSYSTEM THE PUGET SOUND ECOSYSTEM	SPR/2010 -	AUT/9999	3.0-05.0	5.0	.	.	.	Y	.	.	Y	Y	OCEAN	260	ENVIR	260	.
						LAST UPDT: 8/06/12 APPROVED:11/21/05																		
						COMMENT:MOVE COLLEGE FEE TYPE:1 \$50.00 BUDGET:750364 REV OBJ CD:943081																		
OCEAN	261	INTRO OCEAN TECH Introduction to Ocean Technololgy	SPR/2015 -	AUT/9999	2.0	Y
						LAST UPDT: 2/18/15 APPROVED: 2/17/15																		
OCEAN	270	AQUATIC ECOPHYSLGY Aquatic Ecophysiology	AUT/2015 -	AUT/9999	5.0	Y	FISH	270	MARBIO270	.	.
						LAST UPDT: 7/23/15 APPROVED:12/16/14																		
						FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081																		

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COLLEGE : D - Environment
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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 C	M S N	A S W T P R G					
OCEAN 285	FLUID MECH & WAVES Physics Across Oceanography: Fluid Mechanics and Waves	WIN/2016 - AUT/9999	3.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 7/18/16 APPROVED:11/18/14 FEE TYPE:1 \$20.00 BUDGET:099670 REV OBJ CD:943081													
OCEAN 286	FLUID MECH&WAVES LAB Physics Across Oceanography: Fluid Mechanics and Waves Laboratory	WIN/2016 - AUT/9999	2.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT:12/10/15 APPROVED:11/17/15													
OCEAN 295	MARINE ORG CHEM Chemistry of Marine Organic Carbon	SPR/2015 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.
				LAST UPDT:11/18/15 APPROVED: 6/02/15 FEE TYPE:1 \$50.00 BUDGET:099670 REV OBJ CD:943081													
OCEAN 300	EXPLORE OPPTS MARINE Exploring Opportunities in Marine Science	AUT/2015 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	OCEAN 300 FISH	300	.
				LAST UPDT: 7/23/15 APPROVED: 2/18/14 MARBIO 300													
OCEAN 320	COASTAL OCEAN Coastal Oceanography	WIN/2017 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT:10/25/16 APPROVED: 1/19/16													
OCEAN 330	MARINE BIOGEOCHEM Marine Biogeochemical Cycles	WIN/2016 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT:11/20/15 APPROVED:11/17/15													
OCEAN 340	INTERDISC TPC OCEAN Interdisciplinary Topics in Oceanography	WIN/2017 - AUT/9999	1.0-05.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT:10/25/16 APPROVED:10/18/16													
OCEAN 350	STR & PRCS MAR ORG STRUCTURE AND PROCOESS IN MARINE ORGANISMS	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT:10/07/13 APPROVED: 1/31/05 COMMENT:MOVE COLLEGE													
OCEAN 351	FND OCEAN SENSORS Foundations of Ocean Sensors	WIN/2016 - AUT/9999	3.0	.	.	.	.	Y	.	Y	.	Y	.	.	.	.	.
				LAST UPDT: 6/09/16 FEE TYPE:1 \$75.00 BUDGET:099670 REV OBJ CD:943081													
OCEAN 355	BIG BANG-BLU PLANET From Big Bang to the Blue Planet	SPR/2010 - AUT/9999	3.0	Y
				LAST UPDT: 2/10/10 APPROVED: 9/16/08 COMMENT:MOVE COLLEGE													

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COLLEGE : D - Environment
 DEPARTMENT: OCEANOGRAPHY

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		U N E	P	& N C M S N	A S W T P R G							
OCEAN 361	OC TECH I SENSORS Ocean Technology I: Introduction to Underwater Observational Sensor Design and Build	SPR/2015 - AUT/9999	2.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 2/18/15 APPROVED: 2/17/15													
OCEAN 365	SUSTAINABILITY SCI Practicing Sustainability Science	SPR/2010 - AUT/9999	8.0	.	.	.	.	.	.	Y	Y	.	.	.	.	.	.
				LAST UPDT: 2/10/10 APPROVED: 6/13/06													
				COMMENT:MOVE COLLEGE													
OCEAN 370	MARINE EVOLN BIOL Marine Evolutionary Biology	SPR/2015 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	FISH 370	MARBIO370	.
				LAST UPDT: 7/23/15 APPROVED:12/16/14													
				FISH 370													
OCEAN 400	CHEMICAL OCEAN Chemical Oceanography	SPR/2010 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 2/10/10													
				COMMENT:MOVE COLLEGE													
OCEAN 401	SPEC TOP CHEM OCEAN Special Topics in Chemical Oceanography	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 2/10/10 APPROVED: 3/28/01													
				COMMENT:MOVE COLLEGE													
OCEAN 409	MARINE POLLUTION Marine Pollution	WIN/2015 - AUT/9999	3.0	.	.	.	.	.	.	Y	Y	.	.	.	.	.	.
				LAST UPDT:11/19/14 APPROVED:11/18/14													
OCEAN 410	MAR GEOL AND GEOPHY Marine Geology and Geophysics	AUT/2010 - AUT/9999	4.0	.	.	.	.	Y	.	Y	.	.	.	.	OCEAN 410	ESS 410	.
				LAST UPDT: 7/23/15													
				COMMENT:CHG PREQ, DESC FEE TYPE:1 \$50.00 BUDGET:099670 REV OBJ CD:943081													
OCEAN 411	SPEC TOP GEO/GPHYS Special Topics in Marine Geology and Geophysics	SUM/2011 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 3/29/11 APPROVED: 3/28/01													
				COMMENT:UWCR COMMITTE REMOVE QSR													
OCEAN 412	SEIS EXPLR & STRAT Seismic Exploration and Stratigraphy	SPR/2010 - WIN/2017	5.0	.	.	.	.	.	.	Y	.	.	.	.	ESS 467	ESS 467	.
				LAST UPDT: 1/12/17 APPROVED:12/01/89													
OCEAN 412	SEIS EXPLR & STRAT Seismic Exploration and Stratigraphy	SPR/2017 - AUT/9999	5.0	Y	ESS 467	ESS 467	.
				LAST UPDT: 1/12/17 APPROVED:12/01/89													

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COLLEGE : D - Environment
 DEPARTMENT: OCEANOGRAPHY

COURSE CURRIC NUM	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 MAX	GRD P		GRD SYS	E D	U M	N R	E E	P A	& S	N W				C T	M P	S R	G G
OCEAN 420	PHYS PROC OCEAN Physical Processes in the Ocean	WIN/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
	COMMENT:CHG PREQ																
OCEAN 421	SPEC TOP PHYS OCEAN Special Topics in Physical Oceanography	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
OCEAN 422	OCEAN DYNAMICS OCEAN DYNAMICS	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
OCEAN 423	OCEAN CIRC & CLIMATE Ocean Circulation and Climate	AUT/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
OCEAN 430	BIO OCEAN Biological Oceanography	AUT/2011 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
	COMMENT:CHG DESC																
OCEAN 431	SPEC TOP BIOL OCEAN Special Topics in Biological Oceanography	AUT/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
	COMMENT:CHG DESC, PREQ																
OCEAN 443	SNR THESIS PROPOSAL Undergraduate Thesis: Proposal	WIN/2013 - WIN/2017	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
	COMMENT:CHG TITLES, DESC																
OCEAN 443	SNR THESIS PROPOSAL Undergraduate Thesis: Proposal	SPR/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
OCEAN 444	SNR THESIS RESEARCH Undergraduate Thesis: Research	WIN/2013 - AUT/9999	2.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	.

LAST UPDT:10/15/15 APPROVED:10/16/12
 FEE TYPE:1 \$400.00 BUDGET:099670 REV OBJ CD:943081

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COLLEGE : D - Environment
 DEPARTMENT: OCEANOGRAPHY

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	M	S	N	COURSE	COURSES	I
OCEAN	500	CURRENT PROBS OCEAN Current Problems in Oceanography	SPR/2010 -	AUT/9999	1.0	10.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
		COMMENT:MOVE COLLEGE, 5/13 RETRO MAX																	
OCEAN	501	ESTUARINE CIRC/MIX ESTUARINE CIRCULATION AND MIXING	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		COMMENT:MOVE COLLEGE																	
OCEAN	502	SPATIAL INFO TECH Spatial Information Technology in Ecosystem Sciences	AUT/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	OCEAN 502	FISH 502	.
OCEAN	503	GEOSP TL PTRN ANLYS Geospatial Pattern Analysis and Geostatistics	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	OCEAN 503	FISH 503	.
OCEAN	506	INTERDISCIPL OCEAN Interdisciplinary Seminar in Oceanography	SPR/2010 -	AUT/9999	1.0-03.0	12.0	.	.	.	.	.	.	.	.	.	.	.	.	.
		COMMENT:MOVE COLLEGE																	
OCEAN	507	PUGET SOUND OCEANOLOG Puget Sound and Estuarine Oceanography	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
OCEAN	508	THE CHANGING ARCTIC The Changing Arctic Ocean	WIN/2013 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
OCEAN	509	SEMINAR Seminar	SPR/2010 -	AUT/9999	1.0	30.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
		COMMENT:MOVE COLLEGE, 5/13 RETRO MAX																	
OCEAN	510	PHYSICS OCEAN CIRC Physics of Ocean Circulation	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		COMMENT:MOVE COLLEGE																	
OCEAN	511	FLUID DYNAMICS Introduction to Fluid Dynamics	AUT/2013 -	AUT/9999	4.0	AMATH 505	ATM S 505	.
		COMMENT:EMAIL PREQ CHG															AMATH 505		

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COLLEGE : D - Environment
DEPARTMENT: SCIENCE FOR TEACHERS

CURRIC NUM	COURSE TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		D	S H F			V L R					RESPONS COURSE	JOINT COURSES	O M I T
					-ALL	U		GRD	E	U	N	E	P	&	N			
SCI T 501	OBS SCI EXPT DESIGN Observational Science and Experimental Design for Teachers	AUT/2014 -	AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 4/18/14 APPROVED: 3/18/14																		
SCI T 502	DATA ANALYSIS VIS Data Analysis and Visualization for Teachers	WIN/2015 -	AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 4/18/14 APPROVED: 3/18/14																		
SCI T 503	SCI COMM FOR TEACH Science Communication for Teachers	SPR/2015 -	AUT/9999	2.0	
LAST UPDT: 4/18/14 APPROVED: 3/18/14																		

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COLLEGE : D - Environment
 DEPARTMENT: ENVIR & FOREST SCIENCES

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				-ALL U	GRD		E	U N E	P	& N C M S N	A S W T P R G								
BSE 392	BIORESOURC TRNSPRT Bioresource Transport Phenomena	WIN/2016 - AUT/9999	5.0		
				LAST UPDT: 9/08/15		APPROVED: 3/18/14													
BSE 399	UNDERGRAD INTERNSHIP Undergraduate Internship	AUT/2010 - AUT/9999	1.0-05.0	15.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 6/16/10		APPROVED: 4/28/04													
				COMMENT:WAS PSE 399															
BSE 406	NAT PROD CHEMISTRY Natural Products Chemistry	WIN/2016 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/08/15		APPROVED: 3/29/93													
BSE 420	BSE ENGR I Bioresource Engineering I	WIN/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/14/11		APPROVED: 3/29/93													
				COMMENT:CHG TTL, CRDTS, HRS															
BSE 421	BSE ENGR 2 Bioresource Engineering II	SPR/2015 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/26/15		APPROVED: 3/29/93													
				COMMENT:EMAIL PREQ CHG															
BSE 422	BIORESOURC ENGR 3 Bioresource Engineering III	SPR/2011 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/17/11		APPROVED: 3/29/93													
				COMMENT:EMAIL PREQ CHG															
BSE 426	BIORESOURCES LAB Bioresource Laboratory	SPR/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/06/15		APPROVED: 3/29/93													
				COMMENT:EMAIL PREQ CHG															
				FEE TYPE:1		\$156.00		BUDGET:069393		REV OBJ CD:943081									
BSE 430	PAPERMAKING PROC Papermaking Processes	AUT/2015 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/08/15		APPROVED: 3/29/93													
				FEE TYPE:1		\$10.00		BUDGET:069393		REV OBJ CD:943081									
BSE 436	PULP & PAPER LAB II Pulp and Paper Laboratory II	AUT/2010 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/19/12		APPROVED: 3/29/93													
				COMMENT:WAS PSE 479, CHG CREDITS		FEE TYPE:1		\$115.00		BUDGET:069393		REV OBJ CD:943081							

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COLLEGE : D - Environment
 DEPARTMENT: ENVIR & FOREST SCIENCES

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				-ALL	U	GRD	E	U	N	E	P	&	N	C	M			
BSE 479	PULP & PAPER LAB II PULP AND PAPER LABORATORY II	AUT/2010 - AUT/9999	3.0	.	.	.	Y	
	COMMENT:WAS PSE 479			LAST UPDT: 9/19/12 APPROVED: 3/29/93 FEE TYPE:1 \$115.00 BUDGET:069393 REV OBJ CD:943081														
BSE 480	BIORESOURCE DSGN I Bioresource Design I	AUT/2010 - AUT/9999	4.0	.	.	.	.	.	Y	Y	.	.	.	.	.	.	.
	COMMENT:WAS PSE 482, CHG TL,CRD,PR,DS			LAST UPDT: 6/16/10 APPROVED: 3/29/93														
BSE 481	BIORESOURCE DSGN II Bioresource Design II	AUT/2010 - AUT/9999	5.0	.	.	.	.	.	Y	Y	.	.	.	.	.	.	.
	COMMENT:WAS PSE 487, CHG TTL, PRQ			LAST UPDT:10/12/10 APPROVED: 2/03/99														
BSE 488	POLYMER CHEMISTRY POLYMER CHEMISTRY	AUT/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS PSE 488			LAST UPDT: 6/16/10 APPROVED: 3/29/93														
BSE 489	FOREIGN STUDY Foreign Study	AUT/2010 - AUT/9999	1.0-05.0	15.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS PSE 489			LAST UPDT: 6/16/10 APPROVED: 4/28/04														
BSE 490	SPECIAL TOPICS Special Topics	AUT/2010 - AUT/9999	1.0-05.0	15.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS PSE 490, CHG DESC			LAST UPDT: 6/16/10 APPROVED: 3/29/93														
BSE 491	UNDERGRAD STUDIES UNDERGRADUATE STUDIES	AUT/2010 - AUT/9999	1.0-05.0	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS PSE 491			LAST UPDT: 6/16/10 APPROVED: 3/29/93														
BSE 492	UNDERGRAD STUDIES UNDERGRADUATE STUDIES	AUT/2010 - AUT/9999	1.0-05.0	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:WAS PSE 492			LAST UPDT: 6/16/10 APPROVED: 3/29/93														
BSE 497	PLP & PPR INTERN Pulp and Paper Internship	AUT/2011 - AUT/9999	1.0	3.0	Y	
	COMMENT:CHG CREDITS			LAST UPDT: 9/19/12 APPROVED: 3/29/93														

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COLLEGE : D - Environment
DEPARTMENT: ENVIR & FOREST SCIENCES

CURRIC NUM	COURSE TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		D	S H F			V L R					RESPONS	JOINT	I
					-ALL	U		GRD	E	U	N	E	P	&	N				C	M	S	N	COURSE	COURSES	T

BSE	499	UNDERGRAD RESEARCH	AUT/2010 - AUT/9999	1.0-05.0	15.0	.	.	.	.	.	.	.	.	.	.	.	.	.
		Undergraduate Research																

LAST UPDT: 6/16/10 APPROVED: 4/28/04

COMMENT:WAS PSE 499

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COLLEGE : D - Environment
 DEPARTMENT: ENVIR & FOREST SCIENCES

CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L R	E E W	RESPONS COURSE	JOINT COURSES	O M I T
				-ALL U	GRD		U N E	P & N	C M S N					
ESRM 100	ENVIRONMENTAL SCI Introduction to Environmental Science	AUT/2009 - AUT/9999	5.0	.	.	.	. . Y	.	. Y Y					
COMMENT:CHG COLLEGE				LAST UPDT:10/09/14 APPROVED:11/18/96 FEE TYPE:1 \$20.00 BUDGET:069393 REV OBJ CD:943081										
ESRM 101	FORESTS AND SOCIETY Forests and Society	AUT/2009 - AUT/9999	5.0	.	.	.	. . Y	.	. Y Y					
COMMENT:CHG COLLEGE				LAST UPDT: 9/19/12 APPROVED: 4/28/04 FEE TYPE:1 \$15.00 BUDGET:069393 REV OBJ CD:943081										
ESRM 150	WILDLIFE MOD WORLD Wildlife in the Modern World	AUT/2009 - AUT/9999	5.0	.	.	.	. . Y	.	. Y Y					
COMMENT:CHG COLLEGE				LAST UPDT: 9/19/12 APPROVED: 6/12/97 FEE TYPE:1 \$20.00 BUDGET:069393 REV OBJ CD:943081										
ESRM 161	INTRO BIOL I INTRODUCTION TO BIOLOGY I	SPR/2010 - AUT/9999	5.0	.	.	.	. . .	.	. . Y	FISH 161	FISH 161	161	.	
COMMENT:CHG JT COLLEGE				LAST UPDT: 2/10/10 APPROVED: 8/19/08										
ESRM 162	INTRO BIOL II INTRODUCTION TO BIOLOGY II	SPR/2010 - AUT/9999	5.0	.	.	.	. . .	.	. . Y	ESRM 162	FISH 162	162	.	
COMMENT:MOVE JT COLLEGE				LAST UPDT: 2/10/10 APPROVED: 8/19/08										
ESRM 190	SPECIAL TOPICS Special Topics	SPR/2012 - AUT/9999	1.0-05.0	10.0	.	.	. . .	.	. . Y					
COMMENT:3-10-14 REMOVE FEE				LAST UPDT: 7/25/14 APPROVED:12/21/10										
ESRM 200	SOC & ENVIRONMENTS Society and Sustainable Environments	AUT/2009 - AUT/9999	5.0	.	.	.	. . Y	.	. Y Y					
COMMENT:MOVE COLLEGE				LAST UPDT: 7/23/15 APPROVED: 4/28/04 FEE TYPE:1 \$30.00 BUDGET:069393 REV OBJ CD:943081										
ESRM 201	PAC NW ECOSYSTEMS Sustaining Pacific Northwest Ecosystems	AUT/2009 - AUT/9999	5.0	.	.	.	. . Y	.	. Y Y					
COMMENT:MOVE COLLEGE				LAST UPDT: 7/23/15 APPROVED: 4/28/04 FEE TYPE:1 \$75.00 BUDGET:069393 REV OBJ CD:943081										
ESRM 210	SOILS Introductory Soils	AUT/2011 - AUT/9999	5.0	.	.	.	. . Y	.	. . Y					
COMMENT:CHG CREDITS				LAST UPDT: 2/11/13 APPROVED:11/20/86 FEE TYPE:1 \$23.00 BUDGET:069393 REV OBJ CD:943081										

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COLLEGE : D - Environment
DEPARTMENT: ENVIR & FOREST SCIENCES

COURSE	CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	CREDITS	V L E E W												RESPONS	JOINT	O
						OVER D	D	S H F	L I	E C Q T	P & N C M S N	A S W T P R G	COURSE	COURSES	M					
ESRM	411	PLANT PROPAGATION Plant Propagation: Principles and Practice	AUT/2009 - AUT/9999		3.0	.	.		.	. Y	.	. Y	.	.	.	.	.	.
						LAST UPDT: 9/19/12 APPROVED: 3/29/05														
						FEE TYPE:1 \$40.00 BUDGET:069393 REV OBJ CD:943081														
ESRM	412	NATIVE PLANT PROD Native Plant Production	SPR/2010 - AUT/9999		3.0	.	.		.	. Y	.	. Y	.	.	.	.	.
						LAST UPDT: 9/19/12 APPROVED: 1/31/05														
						FEE TYPE:1 \$31.00 BUDGET:069393 REV OBJ CD:943081														
ESRM	413	SOIL GENESIS CLASS Soil Genesis and Classification	AUT/2009 - AUT/9999		5.0	.	.		.	. Y	.	. Y	.	.	.	.	.
						LAST UPDT: 9/19/12 APPROVED:10/27/93														
						FEE TYPE:1 \$173.00 BUDGET:069393 REV OBJ CD:943081														
ESRM	414	F SOIL FERT & CHEM Forest Soil Fertility and Chemistry	AUT/2009 - AUT/9999		3.0	.	.		.	.	.	. Y	.	.	.	.	.
						LAST UPDT:10/12/09 APPROVED:10/23/78														
						COMMENT:MOVE COLLEGE														
ESRM	415	PLANT INVASIONS Biology, Ecology, and Management of Plant Invasions	AUT/2011 - AUT/9999		5.0	.	.		.	.	.	. Y	.	.	.	.	.
						LAST UPDT: 3/09/11 APPROVED: 8/24/05														
						COMMENT:EMAIL PREQ CHG														
ESRM	416	FIELD SURVEY SOILS Field Survey of Wildland Soils	AUT/2009 - AUT/9999		3.0	.	.		.	. Y	.	. Y	.	.	.	.	.
						LAST UPDT:10/26/16 APPROVED:12/15/94														
						FEE TYPE:1 \$130.00 BUDGET:069393 REV OBJ CD:943081														
ESRM	420	WILDLAND FIRE MGT Wildland Fire Management	SPR/2014 - AUT/9999		5.0	.	.		.	. Y	.	. Y	.	.	.	.	.
						LAST UPDT: 1/09/14 APPROVED: 3/29/05														
						FEE TYPE:1 \$109.00 BUDGET:069393 REV OBJ CD:943081														
ESRM	423	INT TRADE MKT ENVIR International Trade, Marketing, and the Environment	AUT/2009 - AUT/9999		3.0	.	.		.	. Y	.	. Y	.	.	.	.	.
						LAST UPDT: 7/25/14 APPROVED: 2/28/94														
						FEE TYPE:1 \$30.00 BUDGET:069393 REV OBJ CD:943081														
ESRM	425	ECOSYSTEM MGMT Ecosystem Management	AUT/2016 - AUT/9999		5.0	.	.		.	. Y	.	. Y	.	.	.	.	.
						LAST UPDT: 5/09/16 APPROVED: 5/26/94														
						FEE TYPE:1 \$432.00 BUDGET:069393 REV OBJ CD:943081														

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COLLEGE : D - Environment
 DEPARTMENT: ENVIR & FOREST SCIENCES

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				M	S	N
ESRM 456	BIOL & CONS BIRDS Biology and Conservation of Birds	AUT/2009 - AUT/9999	3.0	Y
COMMENT:EMAIL PREQ CHG - MOVE COLLEGE				LAST UPDT:10/12/09		APPROVED: 3/29/93												
ESRM 457	FISH WILDLIFE TOXIC Fish and Wildlife Toxicology	SPR/2010 - AUT/9999	3.0-05.0	.	.	.	.	Y	.	Y	.	.	.	FISH 455	FISH 455	455	.
COMMENT:MOVE JT COLLEGE				LAST UPDT:11/02/15		APPROVED: 9/22/97		FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081										
ESRM 458	MGMT ENDANGERED SPE Management of Endangered, Threatened, and Sensitive Species	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT:10/12/09		APPROVED: 2/25/98												
ESRM 459	WILDLF CONS IN NW Wildlife Conservation in Northwest Ecosystems	SPR/2014 - AUT/9999	3.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.
COMMENT:CHG FEE				LAST UPDT: 1/09/14		APPROVED:12/06/93		FEE TYPE:1 \$558.00 BUDGET:069393 REV OBJ CD:943081										
ESRM 460	PWR PRIV & PRSERV Power, Privilege, and Preservation	AUT/2015 - AUT/9999	5.0	.	.	.	.	.	.	Y	Y	.	.	ENVIR 460	ENVIR 460	460	.
COMMENT:MOVE COLLEGE				LAST UPDT: 9/16/15		APPROVED: 4/15/18												
ESRM 461	FOR MGT ECONOMICS Forest Management and Economics	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	Y	Y	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT:10/14/09		APPROVED: 1/01/87												
ESRM 462	RESTORATION ECOL 1 Restoration Ecology Capstone: Introduction	SUM/2014 - SUM/2017	2.0	.	.	13	.	Y	.	Y	.	.	.	ESRM 462	TESC 462	462	.	
COMMENT:CHANGE JT DEPT				LAST UPDT:12/22/16		APPROVED: 8/23/00		FEE TYPE:1 \$44.00 BUDGET:069393 REV OBJ CD:943081										
ESRM 462	RESTORATION ECOL 1 Restoration Ecology Capstone: Introduction	AUT/2017 - AUT/9999	2.0	.	.	13	.	Y	.	Y	.	.	.	ESRM 462	BES 462	462	.	
COMMENT:CHANGE JT DEPT				LAST UPDT:12/22/16		APPROVED: 8/23/00		FEE TYPE:1 \$44.00 BUDGET:069393 REV OBJ CD:943081										
ESRM 463	RESTORATION ECOL 2 Restoration Ecology Capstone: Proposal and Plan	SUM/2014 - SUM/2017	3.0	.	.	23	.	Y	.	Y	.	.	.	ESRM 463	TESC 463	463	.	
COMMENT:CHANGE JT DEPT				LAST UPDT:12/22/16		APPROVED: 8/23/00		FEE TYPE:1 \$42.00 BUDGET:069393 REV OBJ CD:943081										

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COLLEGE : D - Environment
 DEPARTMENT: ENVIR & FOREST SCIENCES

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 M S N	A S W T P R G	P	SYS	D HYPH	M R E				A S W T P R G
ESRM 463	RESTORATION ECOL 2 Restoration Ecology Capstone: Proposal and Plan	AUT/2017 - AUT/9999	3.0	.	.	23	.	.	Y	.	.	Y	.	.	.	ESRM 463 T BIOL463	.
				LAST UPDT: 1/10/17 APPROVED: 8/23/00													
				FEE TYPE:1 \$42.00 BUDGET:069393 REV OBJ CD:943081													
ESRM 464	RESTORATION ECOL 3 Restoration Ecology Capstone: Field Site Restoration	SUM/2014 - SUM/2017	5.0	.	.	33	.	.	Y	.	.	Y	.	.	.	ESRM 464 TESC 464	.
				LAST UPDT:12/22/16 APPROVED: 8/23/00													
				COMMENT:CHANGE JT DEPT FEE TYPE:1 \$44.00 BUDGET:069393 REV OBJ CD:943081													
ESRM 465	ECON OF CONSERV Economics of Conservation	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	Y	Y	.	.	.	.
				LAST UPDT:10/14/09													
				COMMENT:MOVE COLLEGE													
ESRM 468	FOREST OPERATIONS Forest Operations	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
				LAST UPDT:11/07/14													
				COMMENT:MOVE COLLEGE FEE TYPE:1 \$52.00 BUDGET:069393 REV OBJ CD:943081													
ESRM 470	NAT RES POL & PLAN Natural Resource Policy and Planning	WIN/2014 - AUT/9999	5.0	.	.	.	.	.	Y	.	.	Y	Y	.	.	Y	.
				LAST UPDT:11/04/13 APPROVED: 3/01/88													
				COMMENT:CHG FEE FEE TYPE:1 \$11.00 BUDGET:069393 REV OBJ CD:943081													
ESRM 471	URBAN FOR LANDSCAPE URBAN FOREST LANDSCAPES	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	Y	.	.	Y	.	.	.	.	.
				LAST UPDT: 2/07/14 APPROVED: 3/29/05													
				COMMENT:MOVE COLLEGE FEE TYPE:1 \$30.00 BUDGET:069393 REV OBJ CD:943081													
ESRM 472	WETLAND ECOLOGY Wetland Ecology and Management	AUT/2010 - AUT/9999	5.0	.	.	.	.	.	Y	.	.	Y	.	.	.	.	.
				LAST UPDT: 9/22/14 APPROVED: 3/28/91													
				COMMENT:10-12 REC PREQ CHG FEE TYPE:1 \$35.00 BUDGET:069393 REV OBJ CD:943081													
ESRM 473	N AMER RESTORATION Restoration in North America	WIN/2012 - AUT/9999	5.0	.	.	.	.	.	Y	.	.	Y	.	.	.	.	.
				LAST UPDT: 9/19/12 APPROVED: 9/19/94													
				COMMENT:CHG TITLES, DESC FEE TYPE:1 \$35.00 BUDGET:069393 REV OBJ CD:943081													
ESRM 474	ECOLOGICAL ENG Restoration Problem Solving: Ecological Engineering	AUT/2014 - AUT/9999	5.0
				LAST UPDT: 2/19/14 APPROVED: 2/18/14													
				COMMENT:400-500													

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COLLEGE : D - Environment
 DEPARTMENT: ENVIR & FOREST SCIENCES

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 M S N	A S W T P R G	P	SYS	D HYPH	M R E				A S W T P R G	
SEFS 500	GRAD ORIENT SEMINAR Graduate Orientation Seminar	AUT/2014 - AUT/9999	1.0
COMMENT:14-16 DESC CHG				LAST UPDT: 7/25/14 APPROVED: 9/27/93														
SEFS 501	COMMUNITY ECOLOGY Forest Ecosystems - Community Ecology	AUT/2012 - AUT/9999	5.0	Y
COMMENT:WAS CFR 501				LAST UPDT: 9/19/12 APPROVED: 5/23/05 FEE TYPE:1 \$160.00 BUDGET:069393 REV OBJ CD:943081														
SEFS 502	ANLYS TECH COM ECOL Analytical Techniques for Community Ecology	WIN/2013 - AUT/9999	4.0
COMMENT:CHG CREDITS				LAST UPDT: 5/02/14 APPROVED:12/06/93														
SEFS 503	ISSUES RESTOR & HORT Current Issues in Restoration Ecology and Environmental Horticulture	AUT/2012 - AUT/9999	1.0	10.0	.	CR/NC
COMMENT:WAS CFR 503				LAST UPDT:12/14/11 APPROVED: 3/25/05														
SEFS 504	RECH PROC FOR RES Research Processes in Forest Resources	AUT/2012 - AUT/9999	4.0
COMMENT:WAS CFR 504				LAST UPDT:12/14/11 APPROVED: 5/25/05														
SEFS 505	PULP PAPER &BIOPROD Introduction to Pulp, Paper, and Bioproducts	AUT/2012 - AUT/9999	3.0
COMMENT:WAS CFR 505				LAST UPDT:12/14/11 APPROVED: 5/23/05														
SEFS 507	SOIL LAND USE PROB Soils and Land Use Problems	WIN/2014 - AUT/9999	4.0	Y
COMMENT:CHG FEE				LAST UPDT:11/04/13 APPROVED:10/05/92 FEE TYPE:1 \$50.00 BUDGET:069393 REV OBJ CD:943081														
SEFS 509	ANALYS RSRCH PROBLM Analysis of Research Problems	AUT/2012 - AUT/9999	3.0
COMMENT:WAS CFFR 509				LAST UPDT:12/14/11 APPROVED: 8/24/05														
SEFS 510	GD STDYS FOR SOILS Graduate Studies in Forest Soils	WIN/2013 - AUT/9999	1.0-05.0	15.0	Y
COMMENT:CHG FEE				LAST UPDT:12/27/12 APPROVED: 3/29/93 FEE TYPE:1 \$55.00 BUDGET:069393 REV OBJ CD:943081														

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COLLEGE : D - Environment
 DEPARTMENT: ENVIR & FOREST SCIENCES

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	M S N	A S W T P R G					
SEFS 524	CURR TOP PHYTOREMEDIATION Current Topics in Phytoremediation	SPR/2017 - AUT/9999	2.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/15/16		APPROVED:12/13/16											
SEFS 525	ADV WILDLAND HYDROLOGY Advanced Wildland Hydrology	WIN/2014 - AUT/9999	4.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/04/13		APPROVED:11/18/88											
				COMMENT:CHG FEE		FEE TYPE:1		\$46.00 BUDGET:069393 REV OBJ CD:943081									
SEFS 526	ADV SILVICULTURE SEM Seminar in Advanced Silviculture	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/14/11		APPROVED: 3/29/06											
				COMMENT:WAS CFR 526													
SEFS 527	ECOSYSTEMS SEMINAR Ecosystems Seminar	AUT/2012 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/14/11		APPROVED:10/22/87											
				COMMENT:WAS CFR 527													
SEFS 528	INTNL FORESTRY International Forestry	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/25/14													
				COMMENT:WAS CFR 528													
SEFS 529	SEFS SEMINAR School of Environmental and Forest Sciences Seminar	AUT/2013 - AUT/9999	1.0	6.0	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/21/13		APPROVED: 9/22/97											
				COMMENT:DROP JT STATUS, CHG TTL, DESC													
SEFS 530	INTRO REST ECOL Introduction to Restoration Ecology	AUT/2015 - AUT/9999	3.0-05.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/18/15		APPROVED: 3/17/15											
SEFS 533	AIRBORNE LIDAR Airborne Lidar for Remote Sensing of Vegetation and Geomorphology	SPR/2016 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/01/16		APPROVED: 1/19/16											
SEFS 535	FIRE ECOLOGY Fire Ecology	AUT/2013 - AUT/9999	4.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/14/14		APPROVED: 5/25/05											
				COMMENT:CHG CREDITS, 3/14 FEE		FEE TYPE:1		\$126.00 BUDGET:069393 REV OBJ CD:943081									

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COLLEGE : D - Environment
 DEPARTMENT: ENVIR & FOREST SCIENCES

CURRIC NUM	COURSE TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D				S H F				L I E C Q T				RESPONS	JOINT	O M I T
					-ALL	U	GRD	E	U	N	E	P	& N	C	M	S			
SEFS 540	OPTIMIZATION TECH Optimization Techniques for Natural Resources	AUT/2012 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				COMMENT:WAS CRF 540	LAST UPDT:12/14/11				APPROVED: 2/15/11										
SEFS 541	ADV LANDSCAPE ECOL Advanced Landscape Ecology	WIN/2013 -	AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				COMMENT:CHG DESC	LAST UPDT: 7/25/14				APPROVED:11/20/07				FEE TYPE:1 \$140.00 BUDGET:069393 REV OBJ CD:943081						
SEFS 545	PRINCIP FOR ENTOMOL PRINCIPLES OF FOREST ENTOMOLOGY	AUT/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				COMMENT:WAS CFR 545	LAST UPDT:12/11/12				APPROVED: 6/01/89										
SEFS 549	URBAN HORT SEMINAR Urban Horticulture Seminar	AUT/2012 -	AUT/9999	1.0	6.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				COMMENT:WAS CFR 549	LAST UPDT:12/14/11				APPROVED: 6/23/89										
SEFS 550	GRADUATE SEMINAR Graduate Seminar	AUT/2012 -	AUT/9999	2.0-05.0	10.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				COMMENT:WAS CFR 550	LAST UPDT: 5/29/12				APPROVED: 9/19/94										
SEFS 554	WILDLIFE SEMINAR Wildlife Seminar	AUT/2012 -	AUT/9999	1.0-02.0	10.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
				COMMENT:WAS CFR 554	LAST UPDT:12/14/11				APPROVED: 5/25/05										
SEFS 561	PUBLIC PRES URBHORT Public Presentation in Urban Horticulture	AUT/2012 -	AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				COMMENT:WAS CFR 561	LAST UPDT:12/14/11				APPROVED: 5/25/05										
SEFS 564	ADV FOR BIOMETRY Advanced Forest Biometry	AUT/2012 -	AUT/9999	3.0-05.0	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				COMMENT:WAS CFR 564	LAST UPDT:12/14/11														
SEFS 567	TOPICS ADV ECOLOGY Topics in Advanced Ecology	AUT/2012 -	AUT/9999	3.0	6.0	BIOL 567	BIOL 567	.
				COMMENT:WAS CFR 567	LAST UPDT:12/14/11				APPROVED: 9/16/08				FISH 567						

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COLLEGE : D - Environment
 DEPARTMENT: ENVIR & FOREST SCIENCES

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				-ALL	U		GRD	E	U	N	E	P	&	N			
SEFS 570	SEM ENVIR SOC Seminar in Environmenal Sociology	AUT/2012 - AUT/9999	3.0	SEFS 570 SOC	570	.	
COMMENT:WAS CFR 570				LAST UPDT:11/19/14													
SEFS 571	RES POL ADMIN Resource Policy and Administration	AUT/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	SEFS 571 PUBPOL592		.
COMMENT:WAS CFR 573				LAST UPDT:11/03/15 APPROVED: 9/18/85													
SEFS 573	ENV RES PLAN FOREST ENVIRONMENTAL RESOURCE PLANNING	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.			.
COMMENT:WAS CFR 574				LAST UPDT:12/14/11													
SEFS 574	ECOLOGICAL ENG Restoration Problem Solving: Ecological Engineering	AUT/2014 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.			.
COMMENT:400-500				LAST UPDT: 2/19/14 APPROVED: 2/18/14													
SEFS 580	ADV URBAN ECOLOGY Advanced Urban Ecology	AUT/2014 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	SEFS 580 URBDP 548		.
COMMENT:14-16 CHG JT STATUS				LAST UPDT: 8/18/14 APPROVED:12/21/01													
SEFS 590	GRADUATE STUDIES Graduate Studies	AUT/2012 - AUT/9999	1.0-05.0	10.0	.	.	.	.	.	Y	.	.	.			.
COMMENT:WAS CFR 590				LAST UPDT: 9/19/12 APPROVED: 3/29/93 FEE TYPE:1 \$432.00 BUDGET:069393 REV OBJ CD:943081													
SEFS 591	SM IN RSRCE POL MGT Seminar in Resource Policy and Management	AUT/2016 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.	PUBPOL591 PUBPOL591		.
COMMENT:WAS CFR 591				LAST UPDT:11/03/15 APPROVED: 2/25/00													
SEFS 592	ENV POLICY PROCESS Environmental Policy Processes	AUT/2016 - AUT/9999	3.0-04.0	.	.	.	.	.	.	.	.	.	.	PUBPOL590 PUBPOL590		.
COMMENT:WAS CFR 592				LAST UPDT:11/03/15 APPROVED: 7/01/91													
SEFS 595	TEACHING PRACTICUM Graduate Teaching Practicum	AUT/2012 - AUT/9999	1.0-05.0	5.0	.	CR/NC	.	.	.	.	.	.	.			.
COMMENT:WAS CFR 595				LAST UPDT:12/14/11 APPROVED: 5/25/05													

