

DATE: 04-11-2016
TIME: 20:10:04

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 946

COLLEGE : D - Environment
DEPARTMENT: AQUA & FISH SCI

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	M R E	P & A	N S W	C T P	M S R	S N G				
FISH 101	WATER AND SOCIETY Water and Society	SPR/2010 - AUT/9999	5.0	.	.	.	.	.	Y	Y	.	.	.	.
				LAST UPDT: 2/10/10													
				COMMENT:CHG TITLES, DESC													
FISH 161	INTRO BIOL I INTRODUCTION TO BIOLOGY I	SPR/2010 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	FISH 161	ESRM 161	.
				LAST UPDT:12/11/12 APPROVED: 8/19/08													
				COMMENT:MOVE COLLEGE													
FISH 162	INTRO BIOL II INTRODUCTION TO BIOLOGY II	SPR/2010 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	ESRM 162	ESRM 162	.
				LAST UPDT:12/11/12 APPROVED: 8/19/08													
				COMMENT:MOVE COLLEGE													
FISH 210	FISH RESEARCH MTHDS RESEARCH METHODS IN AQUATIC AND FISHERY SCIENCES	SPR/2010 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.			
				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	.	.	.			
				LAST UPDT: 7/25/14 APPROVED: 9/20/07													
				COMMENT:MOVE COLLEGE													
FISH 230	ECONOMICS FISH&OCN Economics of Fisheries and Oceans	SUM/2014 - AUT/9999	5.0	.	.	.	.	.	.	Y	Y	.	Y	.	FISH 230	ECON 230	.
				LAST UPDT: 6/04/14 APPROVED: 2/18/14													
				COMMENT:ADD JT STATUS													
FISH 250	MARINE BIOLOGY Marine Biology	SPR/2010 - AUT/9999	3.0-05.0	5.0	.	.	.	.	Y	.	Y	Y	.	.	FISH 250	OCEAN 250	.
				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	.	.	.			
				LAST UPDT: 1/22/14 APPROVED: 1/21/14													
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													

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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 290	SCI WRITING & COMM Scientific Writing and Communication	AUT/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 RECOMMENDED CHG				LAST UPDT: 7/25/14		APPROVED: 3/19/13											
FISH 296	STUDY ABROAD Study Abroad: Aquatic and Fishery Sciences	SPR/2010 - AUT/9999	1.0-15.0	30.0	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 2/10/10		APPROVED: 1/31/05											
FISH 300	EXPLORE OPPS MARINE Exploring Opportunities in Marine Science	AUT/2015 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	OCEAN 300	MARBIO300	.	.
COMMENT:12-14 DESC CHG				LAST UPDT: 7/23/15		APPROVED: 2/18/14											
FISH 310	BIOL OF SHELLFISHES Biology of Shellfishes	AUT/2012 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:12-14 DESC CHG				LAST UPDT: 7/12/12		APPROVED: 9/14/89											
FISH 311	BIOLOGY OF FISHES Biology of Fishes	AUT/2012 - AUT/9999	3.0-05.0	5.0	.	.	.	.	.	Y	.	.	Y	.	.	FISH 311	BIOL 311
COMMENT:12-14 DESC CHG				LAST UPDT: 2/11/13		FEE TYPE:1 \$50.00		BUDGET:029357		REV OBJ CD:943081							
FISH 312	FISH ECOLOGY Fisheries Ecology	AUT/2012 - AUT/9999	3.0-05.0	.	.	.	.	.	.	Y	.	.	Y	.	.	.	.
COMMENT:12-14 PREQ CHG				LAST UPDT: 7/23/15		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	.	.	.	.
COMMENT:12-14 DESC CHG				LAST UPDT: 7/12/12													
FISH 324	AQUATIC PHYSIOLOGY Aquatic Animal Physiology and Reproduction	AUT/2012 - AUT/9999	3.0-05.0	5.0	.	.	.	.	.	Y	.	.	Y	.	.	.	.
COMMENT:12-14 PREQ CHG				LAST UPDT: 7/17/15		APPROVED: 3/29/93		FEE TYPE:1 \$50.00		BUDGET:069602		REV OBJ CD:943081					
FISH 328	FOR-FISH INTERACT Forestry-Fisheries Interactions	SPR/2010 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	Y	.	.	ESRM 328	ESRM 328
COMMENT:MOVE COLLEGE				LAST UPDT: 6/25/15		APPROVED: 2/23/89		FEE TYPE:1 \$48.00		BUDGET:069393		REV OBJ CD:943081					

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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 330	CLIMATE CHG MAR ECO Climate Change Impacts on Marine Ecosystems	SPR/2010 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	FISH 330 ENVIR 330	.	.
COMMENT:MOVE COLLEGE				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	.	.
COMMENT:MOVE COLLEGE				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	.	.
COMMENT:CHG JT STATUS				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	.	.
															MARBIO 370	.	
FISH 404	FISH DISEASES Diseases of Aquatic Animals	SPR/2010 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				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	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				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	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG				LAST UPDT:12/11/12		APPROVED: 9/17/96											
FISH 423	AQUA INVASION ECOL Aquatic Invasion Ecology	SPR/2010 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	Y	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 2/10/10		APPROVED: 9/20/07											
FISH 424	BIOL CULT AQ ORG Biology and Culture of Aquatic Organisms	SPR/2010 - AUT/9999	5.0	Y	
COMMENT:MOVE COLLEGE				LAST UPDT: 2/10/10		APPROVED:10/27/05											

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				-ALL U	GRD		U	N	E	P	& N	C	M	S			
FISH 428	STREAM RESTORATION Stream and Watershed Restoration	SPR/2010 - AUT/9999	5.0	Y	.	.	Y
COMMENT:MOVE COLLEGE				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	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:14-16 RECOMMENDED CHG				LAST UPDT: 7/25/14 APPROVED:10/30/07													
FISH 441	ENVIR PHYSIOLOGY Integrative Environmental Physiology	SPR/2010 - AUT/9999	3.0-05.0	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 5/25/12 APPROVED: 9/16/08													
FISH 444	CONSERVATION GENET Conservation Genetics	AUT/2012 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
COMMENT:12-14 DESC CHG, RECOMMENDED				LAST UPDT: 1/31/13 APPROVED: 6/03/71													
FISH 447	RIVER ECOL & MNGMT River Ecology and Watershed Management	AUT/2014 - AUT/9999	3.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
COMMENT:14-16 DESC, REC CHG				LAST UPDT: 7/25/14 APPROVED: 6/21/99 FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081													
FISH 450	SAL BEHAV LIFE HIST Salmonid Behavior and Life History	SPR/2010 - AUT/9999	3.0-05.0	5.0	.	.	.	Y	.	.	Y	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 3/10/15 APPROVED: 6/29/78 FEE TYPE:1 \$125.00 BUDGET:069602 REV OBJ CD:943081													
FISH 452	SPATIAL INFO TECH Spatial Information Technology in Ecosystem Sciences	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	OCEAN 452	OCEAN 452	.
COMMENT:RECREATED FISH 453 WITH CHGS				LAST UPDT: 2/10/10 APPROVED: 3/28/01													
FISH 453	GEOSP TL PTRN ANLYS Geospatial Pattern Analysis and Geostatistics	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	OCEAN 453	OCEAN 453	.
COMMENT:MOVE JT COLLEGE				LAST UPDT: 3/22/16 APPROVED: 3/28/01													
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													

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					-ALL	U		GRD	E	U	N	E	P	&	N			
FISH 455	FISH WILDLIFE TOXIC Fish and Wildlife Toxicology	SPR/2010 -	AUT/9999	3.0-05.0	Y	.	Y	.	.	.	FISH 455	ESRM	457	.
					LAST UPDT:11/02/15 APPROVED: 9/22/97 COMMENT:MOVE COLLEGE 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	.
					LAST UPDT: 7/25/14 APPROVED: 5/29/75 COMMENT:14-16 RECOMMENDED CHG													
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	.
					LAST UPDT:12/29/10 COMMENT:10-12 PREQ CHG													
FISH 474	LIMNOLOGY LAB Limnology Laboratory	SPR/2010 -	AUT/9999	2.0	.	.	.	.	Y	.	Y	.	.	.	FISH 474	BIOL	474	.
					LAST UPDT: 3/12/15 APPROVED: 3/29/05 COMMENT:MOVE COLLEGE FEE TYPE:1 \$125.00 BUDGET:069602 REV OBJ CD:943081													
FISH 475	MARINE MAMMALOGY Marine Mammalogy	SPR/2010 -	AUT/9999	3.0-05.0	.	.	.	.	Y	.	Y	.	.	.				.
					LAST UPDT: 7/23/15 APPROVED: 5/29/75 COMMENT:MOVE COLLEGE 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													
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 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 N E	P & A	N C	M S	N	Q T					
ATM S 492	METEOR/CLMTLGY READ Readings in Meteorology or Climatology	AUT/2009 - AUT/9999	0.0	15.0	. CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ATM S 493	MTR/CLMTL SPEC PROB SPEC PROBLMS IN METEOROLOGY/CLIMATOLOGY	AUT/2009 - AUT/9999	0.0		. CR/NC	.	.	.	.	Y	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ATM S 497	INTERNSHIP Undergraduate Internship	SPR/2014 - AUT/9999	1.0-05.0	30.0	. CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
ATM S 499	UNDERGRAD RESEARCH Undergraduate Independent Research	SPR/2014 - AUT/9999	1.0-05.0	30.0	. CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
ATM S 501	ATMOS PHYS & CHEM Fundamentals of Physics and Chemistry of the Atmosphere	AUT/2009 - AUT/9999	5.0		.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ATM S 502	INTRO SYNOPTIC MET Introduction to Synoptic Meteorology	AUT/2009 - AUT/9999	3.0		.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ATM S 503	ATMOS MOTIONS I Atmospheric Motions I	AUT/2009 - AUT/9999	3.0		.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ATM S 504	ATMOS MOTIONS II Atmospheric Motions II	AUT/2009 - AUT/9999	5.0		.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
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		.

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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 542	SYNOP/MESOSCALE DYN Synoptic and Mesoscale Dynamics	AUT/2009 - AUT/9999	3.0
	COMMENT:MOVE COLLEGE																
ATM S 544	ENSEMBLE PRED SYS Design and Application of Ensemble Prediction Systems	SPR/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG CREDITS																
ATM S 545	GEN CIRCULTN ATMSPH General Circulation of Atmosphere	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ATM S 547	BOUNDARY LAYER MET Boundary Layer Meteorology	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ATM S 551	STRUCT & ANALYSIS I Atmospheric Structure and Analysis I: Synoptic Scale Systems	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ATM S 552	OBJECTIVE ANALYSIS Objective Analysis	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ATM S 553	STRCT & ANALYSIS II ATM STRUCT &ANLYS II:NON-CONVCTV MESOSCLE CIRCULTN	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ATM S 554	PALEOCLIMAT PROXIES Paleoclimate Proxies	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	ATM S 554 ESS	554	.	.
															OCEAN	554	.
ATM S 555	PLANET ATMOS Planetary Atmospheres	AUT/2009 - AUT/9999	3.0	ASTR 555 ASTR	555	.	.
	COMMENT:MOVE COLLEGE														ESS	581	.

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				-ALL U	GRD		U N E	P	N	C	M	S	N				
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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				-ALL U	GRD		U N E	P	& N C M S N	A	S	W	T	P			
FHL 305	BIOLOGY OF FISHES Biology of Fishes	AUT/2015 - AUT/9999	5.0	Y	.	.	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 430	MARINE ZOOLOGY Marine Zoology	AUT/2014 - AUT/9999	5.0	.	.	.	.	Y	.	.	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	.	.	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	.	.	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	.	.	Y	.	.	.	.	.
				LAST UPDT: 1/22/16 APPROVED: 1/20/15 FEE TYPE:1 \$150.00 BUDGET:098456 REV OBJ CD:943081													
FHL 450	SHORE ECOL RES EXP Nearshore Ecology Research Experience	AUT/2015 - AUT/9999	6.0	.	.	.	.	Y	.	.	Y	.	.	.	FHL 450 MARBIO450	.	
				LAST UPDT: 1/21/15 APPROVED: 4/15/14 COMMENT:CHG JT STATUS 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	.	
				LAST UPDT: 1/21/15 APPROVED: 4/15/14 COMMENT:CHG JT STATUS FEE TYPE:1 \$90.00 BUDGET:029357 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	I
					MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	COURSE	COURSES	T
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	.
					LAST UPDT: 6/10/15 APPROVED: 4/15/14 FEE TYPE:1 \$100.00 BUDGET:029357 REV OBJ CD:943081 COMMENT:CHG JT STATUS																	
FHL 490	MARINE SCI SEMINAR Marine Sciences Seminar	AUT/2014 -	AUT/9999	1.0	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	FHL		.
					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	.	.	.	.	.	.	.	.	.	.	.	.	.	FHL		.
					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 539	MARINE ALGAE Marine Algae	SUM/2015 -	SPR/2016	9.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	FHL 539	BIOL 539	.	
					LAST UPDT: 1/22/16 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	.	.	.	.	.	.	.	.	.	.	.	.	.	FHL		.
					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	.	.	.	.	.	.	.	.	.	.	.	.	.	FHL		.
					LAST UPDT: 2/19/15 APPROVED: 2/17/15																	
FHL 585	ADV TPC NBIO&PHYSIO Advanced Topics in Neurobiology and Physiology	SUM/2015 -	AUT/9999	9.0	27.0	FHL		.	
					LAST UPDT: 2/19/15 APPROVED: 2/17/15																	

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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

Q SCI 499 RESEARCH EXPERIENCE SPR/2010 - AUT/9999 1.0-15.0 15.0 Y CR/NC

Research Experience

LAST UPDT: 2/04/10 APPROVED: 6/28/73

COMMENT:MOVE COLLEGE

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				-ALL U	GRD		U N E	P	& N C M S N	A	S	W	T	P			
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											
				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 & A	N S W	C M T	E C P	Q S R	S N 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:10/22/15 APPROVED: 1/17/12 FEE TYPE:1 \$85.00 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													
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 MAX	GRD P						
ENVIR 341	ENERGY & ENVIRON Energy and Environment	AUT/2014 - AUT/9999	3.0 Y		CHEM E341 M E	341 .	
	COMMENT:CHG RESP DEPT							LAST UPDT: 2/19/14 APPROVED: 1/24/94		CHEM E 341	
ENVIR 350	INTERNSHIP Internship	AUT/2012 - AUT/9999	1.0-05.0	15.0	.	CR/NC .	. . . . .			.
	COMMENT:12-14 DESC CHG							LAST UPDT: 7/12/12 APPROVED:12/30/98			
ENVIR 360	ENVIR NORM INTL POL Environmental Norms in International Politics	AUT/2012 - AUT/9999	5.0	.	.	. . .	. Y		JSIS B350 JSIS B350	. .
	COMMENT:CHG JT STATUS							LAST UPDT:12/15/11 APPROVED: 8/24/05		SCAND 350	
ENVIR 362	INTRO REST ECOL Introduction to Restoration Ecology	AUT/2009 - AUT/9999	5.0	.	.	. . Y	. Y Y		ESRM 362 ESRM 362	. .
	COMMENT:MOVE COLLEGE							LAST UPDT: 7/23/15 APPROVED: 1/31/01 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	.	.	. . .	. Y		ANTH 371 ANTH 371	. .
	COMMENT:MOVE COLLEGE							LAST UPDT: 8/12/09 APPROVED: 2/25/00			
ENVIR 379	ENVIRON SOCIOLOGY Environmental Sociology	AUT/2009 - AUT/9999	5.0	.	.	. . .	. Y Y		ESRM 371 ESRM 371	. .
	COMMENT:MOVE COLLEGE							LAST UPDT: 8/12/09 APPROVED:11/01/86		SOC 379	
ENVIR 384	GLOBAL ENV POLITICS Global Environmental Politics	AUT/2009 - AUT/9999	5.0	.	.	. . .	. Y		POL S 384 POL S 384	. .
	COMMENT:MOVE COLLEGE							LAST UPDT: 8/12/09 APPROVED:10/27/05			
ENVIR 385	WORLD FOOD POLITCS Political Ecology of the World Food System	SPR/2013 - AUT/9999	5.0	.	.	. . .	. Y Y		POL S 385 POL S 385	. .
								LAST UPDT: 2/14/13 APPROVED: 1/15/13			
ENVIR 410	RESOURCE ECOSYSTEMS Growing Stuff: Ecology, Economy, and Culture of Resource-Production Ecosystems	SUM/2014 - AUT/9999	5.0	.	.	. . Y	. Y		ANTH 410 ESRM 405	. .
								LAST UPDT:11/18/15 APPROVED: 6/03/14 FEE TYPE:1 \$37.00 BUDGET:069643 REV OBJ CD:943081		ANTH 410	

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				-ALL U	P								
ENVIR 492	CAPSTONE SYNTHESIS Environmental Studies Capstone: Synthesis and Communication	WIN/2016 - AUT/9999	3.0	.	.	22
				LAST UPDT:10/22/15 APPROVED: 2/22/99									
ENVIR 495	ADVANCED TOPICS Advanced Topics in Environmental Studies	SPR/2012 - AUT/9999	1.0-05.0	15.0	.	.	.	.	Y	.	.	.	.
	COMMENT:WAS ENVIR 450; CHG TTL, DESC			FEE TYPE:1 \$37.00 BUDGET:069240 REV OBJ CD:943081 LAST UPDT: 2/18/15 APPROVED:12/30/98									
ENVIR 496	ADV STUDY ABROAD Study Abroad - Advanced Environmental Studies	AUT/2009 - AUT/9999	1.0-15.0	15.0	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09 APPROVED: 8/08/06									
ENVIR 497	ENVIR STUDIES SEMR Seminar in Environmental Studies	AUT/2012 - AUT/9999	1.0-03.0	6.0	.	CR/NC	.	.	.	.	.	.	.
	COMMENT:12-14 DESC CHG			LAST UPDT: 7/12/12 APPROVED:10/25/06									
ENVIR 498	INDEPENDENT STUDY Independent Study	AUT/2012 - AUT/9999	1.0-05.0	15.0	.	.	.	.	.	.	.	.	.
	COMMENT:12-14 DESC CHG			LAST UPDT: 7/12/12 APPROVED:12/30/98									
ENVIR 499	UNDERGRAD RESEARCH Undergraduate Research	AUT/2009 - AUT/9999	1.0-15.0	15.0	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09 APPROVED:10/25/06									
ENVIR 500	SEMINAR IN ENVIR ST Graduate Seminar in Environmental Studies	AUT/2012 - AUT/9999	1.0-05.0	15.0	.	.	.	.	Y	.	.	.	.
	COMMENT:12-14 DESC CHG			FEE TYPE:1 \$50.00 BUDGET:069240 REV OBJ CD:943081 LAST UPDT: 7/23/15 APPROVED:12/30/98									
ENVIR 501	GRAD SEM ENVIR MGT Graduate Seminar in Environmental Management	AUT/2009 - AUT/9999	1.0-05.0	15.0	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09 APPROVED: 9/25/02									
ENVIR 502	BUS STRAT NAT ENVIR Business Strategy and the Natural Environment	AUT/2009 - AUT/9999	4.0
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09 APPROVED:10/25/04									

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COLLEGE : D - Environment
 DEPARTMENT: EARTH AND SPACE SCIENCES

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				-ALL U	GRD	E	D	U N E	M R E	P & A	N S W	C M T	E C P	Q S R	G			
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	D	U	N	E	P	N				C	M
ESS 201	EARTH CLIMATE The Earth Syste and Climate	AUT/2009 -	AUT/9999	5.0	Y	
						LAST UPDT: 8/12/09		APPROVED: 6/27/01											
				COMMENT:MOVE COLLEGE															
ESS 202	EARTHQUAKES Earthquakes	AUT/2012 -	AUT/9999	5.0	Y	.	Y	Y	
						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	
						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	
						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	
						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	
						LAST UPDT: 8/12/09		APPROVED: 7/13/05											
				COMMENT:MOVE COLLEGE															
ESS 210	PHYSICAL GEOLOGY Physical Geology	AUT/2009 -	AUT/9999	5.0	Y	.	Y	Y	
						LAST UPDT: 8/06/12		APPROVED: 1/01/82											
						FEE TYPE:1		\$20.00		BUDGET:069340		REV OBJ CD:943081							
ESS 211	PHYS PROC EARTH Physical Processes of the Earth	WIN/2014 -	AUT/9999	5.0	Y	.	Y	Y	
						LAST UPDT: 5/16/13		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 -	AUT/9999	5.0	Y	.	Y	Y	
						LAST UPDT: 5/16/13		APPROVED: 9/22/97											
						FEE TYPE:1		\$75.00		BUDGET:069340		REV OBJ CD:943081							
				COMMENT:EMAIL PREQ CHG															

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				-ALL	U	GRD	E	U	N	E	P	N	C	M	S				N	
ESS 320	CHANGING RIVERS Changing Rivers of Puget Sound	SPR/2011 - AUT/9999	5.0	Y	.	.	Y	.	.	.	ESS 320	ENVIR 320	.			
	COMMENT: DING			LAST UPDT: 8/05/14 APPROVED:12/21/10 FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081																
ESS 326	GEOMORPHOLOGY Geomorphology	AUT/2012 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.						
	COMMENT:CHG PREQ			LAST UPDT: 9/28/12 APPROVED: 2/25/98 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	.	.	.						
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 8/06/12 APPROVED: 9/24/01 FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081																
ESS 400	FIELD GEOLOGY Field Geology	AUT/2009 - AUT/9999	12.0	.	.	.	.	.	.	.	Y	.	.	.						
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09 APPROVED: 3/01/89																
ESS 401	REGIONAL GEOL PNW Regional Geology of the Pacific Northwest	AUT/2009 - AUT/9999	3.0	.	.	.	.	Y	.	.	Y	.	.	.						
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/06/12 APPROVED: 5/20/96 FEE TYPE:1 \$45.00 BUDGET:069340 REV OBJ CD:943081																
ESS 402	INTL FIELD GEOLOGY International Field Geology	AUT/2009 - AUT/9999	3.0-12.0	12.0	.	.	.	.	.	.	Y	.	.	.						
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09 APPROVED:12/01/99																
ESS 403	GLOBAL TECTONICS Global Tectonics	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.						
	COMMENT:CHG TTL,CRDT,DSC, COLLEGE			LAST UPDT: 8/12/09 APPROVED: 1/28/00																
ESS 406	EARTH SCI FOR TEACH Earth Sciences for Middle and High School Science Teachers: Solid Earth	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.						
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09 APPROVED: 2/25/02																
ESS 408	GREAT ISSUES Great Geological Issues	AUT/2009 - AUT/9999	3.0	Y	.	.	.						
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09 APPROVED: 3/29/06																

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				-ALL	U	GRD	E	U	N	E	P	&	N	C	M				S	N
ESS 421	INTRO REMOT SENSING Introduction to Geological Remote Sensing	AUT/2009 - AUT/9999	4.0
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 6/01/81														
ESS 422	SPECTRL REMOTE SENS Intermediate Spectral Remote Sensing	AUT/2009 - AUT/9999	4.0
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 9/20/99														
ESS 424	WATER IN ENVIRONMNT Water in the Environment	AUT/2009 - AUT/9999	3.0	ESS 424	ATM S 460	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 9/06/12		APPROVED: 2/25/00														
ESS 425	TECTONIC GEOMORPH Tectonic Geomorphology	SPR/2016 - AUT/9999	3.0
				LAST UPDT: 11/19/15		APPROVED: 11/17/15														
ESS 426	FLUVIAL GEOMORPH Fluvial Geomorphology	AUT/2012 - AUT/9999	5.0
COMMENT:CHG PREQ				LAST UPDT: 9/28/12		APPROVED: 1/01/79														
				FEE TYPE:1		\$40.00 BUDGET:069340		REV OBJ CD:943081												
ESS 427	HILLSLOPE GEOMORPH Hillslope Geomorphology	AUT/2013 - AUT/9999	5.0
COMMENT:ADD FEE				LAST UPDT: 8/20/13		APPROVED: 1/01/79														
				FEE TYPE:1		\$40.00 BUDGET:069340		REV OBJ CD:943081												
ESS 428	LANDSCAPE EVOLUTION LANDSCAPE EVOLUTION	AUT/2009 - AUT/9999	5.0
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 2/25/98														
ESS 431	PRINS OF GLACIOLOGY Principles of Glaciology	AUT/2012 - AUT/9999	4.0
COMMENT:UPDATE PREQ				LAST UPDT: 9/28/12		APPROVED: 6/01/89														
				FEE TYPE:1		\$17.00 BUDGET:069340		REV OBJ CD:943081												
ESS 432	GLACIAL GEOLOGY Glacial Geology	AUT/2009 - AUT/9999	5.0
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 12/01/79														

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				RESPONS COURSE	JOINT COURSES	O M I T													
ESS 433	ENV OF GLACIAL AGES Environmental Change in the Glacial Ages	AUT/2010 - AUT/9999	5.0	Y
	COMMENT:CHG CREDITS, DROP JT STATUS			LAST UPDT: 4/19/10 APPROVED:12/01/85															
ESS 435	GLACIAL PERIGLACIAL Glacial-Periglacial Geomorphology NW	SPR/2011 - AUT/9999	3.0	Y
				LAST UPDT:12/21/10 APPROVED:12/21/10															
ESS 437	MINERALOGY Mineralogy	AUT/2009 - AUT/9999	5.0	Y
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09 APPROVED:10/26/99															
ESS 439	PETRG/PETRL IGN RCK Petrology of Igneous Rocks	AUT/2009 - AUT/9999	5.0	Y
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09															
ESS 440	PETRO/PETRL META RK Petrography and Petrology of Metamorphic Rocks	AUT/2009 - AUT/9999	5.0	Y
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09															
ESS 441	PETRG/PETRL SED RCK Petrology and Petrography of Sedimentary Rocks	AUT/2009 - AUT/9999	5.0	Y
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09 APPROVED:12/01/81															
ESS 445	GEOL OF ORE DEPOSIT Geology of Ore Deposits	AUT/2009 - AUT/9999	5.0	Y	.	.	.	Y
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/06/12 APPROVED: 6/01/77															
				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
	COMMENT:ADD FEE			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
	COMMENT:CHG CREDITS			LAST UPDT: 6/04/15 APPROVED:12/21/10												BIOL 475	BIOL 475	.	
				FEE TYPE:1 \$120.00 BUDGET:069377 REV OBJ CD:943081															

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				-ALL	U		GRD	E	U	N	E	P	&	N			
ESS 511	CONTINUUM MECHANICS Geophysical Continuum Mechanics	AUT/2010 - AUT/9999	5.0
	COMMENT:CHG CREDITS																
ESS 512	INTRO SEISMOLOGY Seismology	AUT/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:CHG TITLES, DESC, PREQ																
ESS 513	THE EARTH Geophysics: The Earth	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 514	FLUIDS Geophysics: Fluids	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 515	SPACE Geophysics: Space	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 516	THE ATMOSPHERE Geophysics: The Atmosphere	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 517	EARTH EVOLUTION Early Earth Evolution	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 518	TECHNICAL COMM Technical Communication in Applied Geosciences	AUT/2013 - AUT/9999	1.0	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:ADD FEE																
ESS 519	SCIENTIFIC WRITING Scientific Writing and Graphics	AUT/2013 - AUT/9999	2.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.

LAST UPDT: 8/20/13 APPROVED: 8/21/12
 FEE TYPE:1 \$15.00 BUDGET:069340 REV OBJ CD:943081

ESS 519 ATM S 519
 OCEAN 518

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				-ALL U	GRD	E	D	U N E	M R E	P & A	N S W	C M T	E C P	Q S R	S N G			
ESS 520	APPLIED GEOL GIS Applications in Geological Geographic Information Systems	WIN/2014 - AUT/9999	4.0
				LAST UPDT: 6/05/13				APPROVED: 6/04/13										
ESS 522	DATA COLCTN & ANLYS Geophysical Data Collection and Analysis	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09				APPROVED:11/01/81										
ESS 523	INVERSE THEORY Geophysical Inverse Theory	SPR/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/23/15				APPROVED: 1/01/73										
ESS 524	HEAT&MASS FLOWMODEL Numerical Heat and Mass Flow Modeling in the Earth Sciences	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/17/10				APPROVED: 2/16/10										
ESS 525	TECTONIC GEOMORPH Tectonic Geomorphology	SPR/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/19/15				APPROVED:11/17/15										
ESS 526	FLUVIAL GEOMORPH Fluvial Geomorphology	AUT/2013 - AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
	COMMENT:ADD FEE			LAST UPDT: 8/20/13				APPROVED: 6/04/13				FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081						
ESS 527	HILLSLOPE GEOMORPH Hillslope Geomorphology	WIN/2014 - AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
	COMMENT:400-500, 1/10/14 FEE			LAST UPDT: 1/10/14				APPROVED:11/19/13				FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081						
ESS 528	SEDIMENT STRUCTURES Interpretation of Sedimentary Structures	AUT/2009 - AUT/9999	2.0-04.0	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09				APPROVED:12/01/83										
ESS 529	FLD DYN HT/MS TRANS Principles of Fluid Dynamics, Heat, and Mass Transfer in Earth Sciences	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09				APPROVED:12/01/89										
ESS 531	PHYSICS OF ICE Physics of Ice	AUT/2009 - AUT/9999	3.0
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09								ATM S 510 ATM S 510						

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				-ALL U	GRD		E	U N E	P & A	N C M S N	E C Q T					
ESS 532	SNOW & ICE ON EARTH Snow and Ice on the Earth's Surface	SPR/2012 - AUT/9999	3.0	ESS 532 ATM S 511	.	.	
	COMMENT:CHG TITLES			LAST UPDT: 4/18/11		APPROVED:11/01/81										
ESS 533	SNOW & ICE DYNAMICS Dynamics of Snow and Ice Masses	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	ESS 533 ATM S 512	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09		APPROVED:11/01/81										
ESS 534	STRCTL GLACIOLOGY STRUCTURAL GLACIOLOGY	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	ESS 534 ATM S 513	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09		APPROVED:11/01/81										
ESS 535	ICE AND CLIMATE Ice and Climate	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	ESS 535 ATM S 514	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09		APPROVED:12/01/83										
ESS 537	ADVANCED MINERALOGY Advanced Mineralogy	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	ESS 537 MSE 518	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09		APPROVED: 3/01/90										
ESS 538	PETROGEN IGN ROCKS Petrogenesis of Igneous Rocks	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.		.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09		APPROVED:12/01/81										
ESS 540	ADV IGNEOUS PETROL Advanced Igneous Petrology	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.		.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09		APPROVED: 3/01/71										
ESS 541	APL FLUV GEOMORPH Applied Fluvial Geomorphology	SPR/2014 - AUT/9999	4.0	.	.	.	.	Y	.	.	.	.		.	.
	COMMENT:FEE 1-15			LAST UPDT: 1/02/15		APPROVED:11/19/13		FEE TYPE:1 \$35.00 BUDGET:069340 REV OBJ CD:943081								
ESS 542	SED DYN AND PHYSICS Sediment Dynamics and Boundary-Layer Physics	AUT/2013 - AUT/9999	4.0	OCEAN 542 OCEAN 542	.	.	
	COMMENT:WAS ESS 526			LAST UPDT: 6/05/13		APPROVED: 2/28/94										

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				-ALL U	GRD		E	U N E	P	& N C M S N	A S W T P R G					
ESS 553	ELEC BEAM ANALYSIS Electron Beam Microanalysis	AUT/2009 - AUT/9999	4.0
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED:12/01/85										
ESS 554	PALEOCLIMAT PROXIES Paleoclimate Proxies	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	ATM S 554	ATM S 554	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED:12/16/08		OCEAN 554								
ESS 555	PHYS CHEM EARTH Physics and Chemistry of the Earth's Interior	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 3/28/94										
ESS 556	PHYSICAL PETROLOGY PHYSICAL PETROLOGY	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED:12/01/89										
ESS 557	VERTE PALEO Vertebrate Paleontology	WIN/2014 - AUT/9999	5.0	.	.	.	.	Y	.	.	.	.	BIOL 557	BIOL 557	.	.
COMMENT:CHG FEE				LAST UPDT:11/06/13		APPROVED: 5/19/09		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	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/23/12		APPROVED: 6/19/12										
ESS 559	CLIMATE MODELING Climate Modeling	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	ATM S 559	OCEAN 558	.	.
COMMENT:MOVE JT COLLEGE				LAST UPDT: 3/21/16		APPROVED: 6/20/07		ATM S 559								
ESS 560	COSMOGENIC NUCLIDES Cosmogenic Nuclides in Geomorphology	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 3/29/04										
ESS 562	OBSERVATNAL SEISMOL Observational Seismology	AUT/2009 - AUT/9999	1.0	18.0	Y CR/NC
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09												

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				-ALL	U									
ESS	563 THEOR SEISMOLOGY I Theoretical Seismology I	AUT/2009 - AUT/9999	3.0
	COMMENT:MOVE COLLEGE													
				LAST UPDT: 8/12/09										
ESS	564 THEOR SEISMOLOGY II Theoretical Seismology II	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE													
				LAST UPDT: 8/12/09										
ESS	565 LOW-FREQ SEISMOLOGY LOW-FREQUENCY SEISMOLOGY	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE													
				LAST UPDT: 8/12/09										
ESS	568 OCEANIC LITHOSPHERE Oceanic Lithosphere	AUT/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	.	OCEAN 545	OCEAN 545	.
	COMMENT:CHG TITLES, DESC, PREQ													
				LAST UPDT: 3/22/16 APPROVED: 2/21/95										
ESS	573 CLOUD PHYS & DYNAM Cloud Microphysics and Dynamics	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	ATM S 535	ATM S 535	.
	COMMENT:MOVE COLLEGE													
				LAST UPDT: 3/21/16 APPROVED:11/06/92										
ESS	574 ATMOS ELEC DYNAMICS ATMOSPHERIC ELECTRICAL DYNAMICS	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE													
				LAST UPDT: 8/12/09										
ESS	575 ROCKETS & INSTRUMNT Advanced Rockets and Instrumentation	WIN/2012 - AUT/9999	2.0-04.0	12.0	.	.	.	Y	.	.	.	.	.	.
	COMMENT:CHG CREDITS, DESC													
				LAST UPDT: 8/06/12 APPROVED: 2/17/09										
				FEE TYPE:1 \$175.00 BUDGET:069340 REV OBJ CD:943081										
ESS	576 SPACE AND LAB PHYS Space and Laboratory Plasma Physics	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	ESS 576 A A	556	.
	COMMENT:MOVE COLLEGE													
				LAST UPDT: 8/12/09										
ESS	577 ADV SPACE PLSM PHYS Advanced Space Plasma Physics	AUT/2009 - AUT/9999	3.0
	COMMENT:MOVE COLLEGE													
				LAST UPDT: 8/12/09										

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				-ALL U	GRD	E	U N E	M R E	A S W	T P R G	P & N	C M S N	E C Q T				
OCEAN 220	INTRO FIELD OCEAN Introduction to Field Oceanography	SPR/2011 - AUT/9999	3.0-05.0
	COMMENT:CHG DESC																
				LAST UPDT: 7/23/15 APPROVED:10/05/73 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	.	.	.	.	.	.	.	.	.	.	ESS	230	ESS	230
	COMMENT:MOVE COLLEGE																
				LAST UPDT: 7/23/15 APPROVED: 4/28/03 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	.	.	.	.
	COMMENT:WAS OCEAN 122, CHG CREDITS																
				LAST UPDT: 2/19/15 APPROVED: 2/15/11													
OCEAN 240	ISSUES IN OCEAN Contemporary Issues in Oceanography	SPR/2010 - AUT/9999	1.0-05.0	9.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
				LAST UPDT: 8/06/12 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	.	.	FISH	250
	COMMENT:MOVE COLLEGE															FISH	250
				LAST UPDT: 7/23/15 APPROVED: 2/21/01 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	.	.	OCEAN	260
	COMMENT:MOVE COLLEGE															ENVIR	260
				LAST UPDT: 8/06/12 APPROVED:11/21/05 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
																MARBIO	270
				LAST UPDT: 7/23/15 APPROVED:12/16/14 FEE TYPE:1 \$20.00 BUDGET:099670 REV OBJ CD:943081													
OCEAN 285	FLUID MECH & WAVES Physics Across Oceanograhpy: Fluid Mechanics and Waves	WIN/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	Y	.	.	.	.
				LAST UPDT:12/10/15 APPROVED:11/18/14 FEE TYPE:1 \$20.00 BUDGET:099670 REV OBJ CD:943081													

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				-ALL U	GRD		E	U N E	P & N		C M S N	L I	E C Q T	A S W T P R G			
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 OPPS 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	SPR/2016 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/22/16		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 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	.	.	.	.
				LAST UPDT: 7/27/15													
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									
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									

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					-ALL U	GRD		E	U N E	P & N		C M S N	L I	E C Q T	A S W T P R G				
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																			
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 -	AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	ESS 467	ESS 467	.
LAST UPDT: 3/23/16 APPROVED:12/01/89																			
OCEAN 420	PHYS PROC OCEAN Physical Processes in the Ocean	WIN/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.			.
LAST UPDT: 6/05/13 APPROVED: 2/21/01																			
COMMENT:CHG PREQ																			
OCEAN 421	SPEC TOP PHYS OCEAN Special Topics in Physical Oceanography	SPR/2010 -	AUT/9999	3.0	Y	
LAST UPDT: 2/10/10 APPROVED: 3/28/01																			
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				
OCEAN 452	SPATIAL INFO TECH Spatial Information Technology in Ecosystem Sciences	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	OCEAN 452 FISH 452	.	.
				LAST UPDT: 2/10/10		APPROVED: 3/28/01											
OCEAN 453	GEOSP TL PTRN ANLYS Geospatial Pattern Analysis and Geostatistics	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	OCEAN 453 FISH 453	.	.
				LAST UPDT: 2/10/10		APPROVED: 3/28/01											
				COMMENT:RECREATED OCEAN 452 WITH CHGS													
OCEAN 454	HYDROTHERMAL Hydrothermal Systems: An Interdisciplinary View	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 9/16/10		APPROVED: 1/25/06											
				COMMENT:MOVE COLLEGE													
OCEAN 455	OCEAN MODELING Introduction to Modeling in Oceanography	AUT/2011 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	Y	.	.	.	.
				LAST UPDT:10/19/10		APPROVED:10/19/10											
OCEAN 460	MAR FIELD RESEARCH Marine Field Research	AUT/2012 - AUT/9999	10.0	.	.	.	.	.	.	Y	.	Y	.	.	.	.
				LAST UPDT: 5/16/12		APPROVED: 6/13/06											
				COMMENT:WAS OCEAN 360													
OCEAN 461	ADV OCN TECH MGMNT Advanced Ocean Technology - Project Design and Management	SPR/2015 - AUT/9999	2.0	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 2/18/15		APPROVED: 2/17/15											
OCEAN 475	CLMT SCI RSRCH SMNR Current Research in Climate Science Seminar	AUT/2011 - AUT/9999	3.0	6.0	.	.	.	.	.	.	.	.	.	OCEAN 475 ATM S 475	.	.
				LAST UPDT: 1/26/11		APPROVED: 1/18/11											
				ESS 475													
OCEAN 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											
				FISH 477													
OCEAN 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											
				FISH 479													
				COMMENT:MOVE COLLEGE													
				FEE TYPE:1 \$90.00 BUDGET:029357 REV OBJ CD:943081													
OCEAN 481	PUGET SOUND OCEANOGRAPHY Puget Sound and Estuarine Oceanography	AUT/2011 - AUT/9999	3.0	Y	
				LAST UPDT: 4/20/11		APPROVED: 4/19/11											

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CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V	E E W			RESPONS COURSE	JOINT COURSES	O M I T
				-ALL U	GRD		U N E	L I	P & N C		M S N	A S W T P R G				
OCEAN 482	THE CHANGING ARCTIC The Changing Arctic Ocean	WIN/2013 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.
LAST UPDT: 2/23/16 APPROVED:10/16/12																
OCEAN 492	APPRENTICE: OCEAN Friday Harbor Apprenticeship	SPR/2010 - AUT/9999	9.0-15.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.
COMMENT:MOVE COLLEGE																
FEE TYPE:1 \$100.00 BUDGET:099147 REV OBJ CD:943081																
OCEAN 494	FIELD EXP: OCEAN Field Experiences in Marine Science	SPR/2010 - AUT/9999	1.0-15.0	30.0	.	.	.	.	.	Y	.	.	.	.	.	.
COMMENT:MOVE COLLEGE																
OCEAN 496	STUDY ABROAD: OCEAN Study Abroad: Oceanography	SPR/2010 - AUT/9999	1.0-15.0	30.0	.	.	.	.	.	Y	.	.	.	.	.	.
COMMENT:MOVE COLLEGE																
OCEAN 497	ADV SPEC TOP: OCEAN Advanced Special Topics in Oceanography	SPR/2010 - AUT/9999	1.0-15.0	15.0	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE																
OCEAN 499	UNDERGRAD RESEARCH Undergraduate Research	AUT/2010 - AUT/9999	1.0-15.0	24.0	Y	.	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG DESC																
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	.
LAST UPDT: 1/25/10 APPROVED:10/20/09																

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CURRIC NUM	COURSE TITLE	EFFECTIVE	QUARTERS	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	M	R	E	P	&				N	C	M	S	N
OCEAN 503	GEOSPTL PPTRN ANLYS Geospatial Pattern Analysis and Geostatistics	SPR/2010 - AUT/9999		3.0	.	.	.	.	.	.	.	.	.	.	OCEAN 503 FISH 503	.	.
					LAST UPDT: 2/10/10		APPROVED:10/20/09												
OCEAN 506	INTERDISCIPL OCEAN Interdisciplinary Seminar in Oceanography	SPR/2010 - AUT/9999		1.0-03.0	12.0	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE				LAST UPDT: 2/10/10		APPROVED: 9/17/96												
OCEAN 507	PUGET SOUND OCEANOG Puget Sound and Estuarine Oceanography	AUT/2011 - AUT/9999		3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/20/11		APPROVED: 4/19/11												
OCEAN 508	THE CHANGING ARCTIC The Changing Arctic Ocean	WIN/2013 - AUT/9999		3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:11/07/12		APPROVED:10/16/12												
OCEAN 509	SEMINAR Seminar	SPR/2010 - AUT/9999		1.0	30.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE, 5/13 RETRO MAX				LAST UPDT: 5/02/13														
OCEAN 510	PHYSICS OCEAN CIRC Physics of Ocean Circulation	SPR/2010 - AUT/9999		3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE				LAST UPDT: 2/10/10		APPROVED: 6/28/84												
OCEAN 511	FLUID DYNAMICS Introduction to Fluid Dynamics	AUT/2013 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	AMATH 505 ATM S 505	.	.	
	COMMENT:EMAIL PREQ CHG				LAST UPDT: 3/21/16		APPROVED:10/05/92				AMATH 505								
OCEAN 512	GEOPHYS FLUID DYN I Geophysical Fluid Dynamics I	SPR/2010 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	OCEAN 512 ATM S 509	.	.	
	COMMENT:MOVE COLLEGE				LAST UPDT: 2/10/10		APPROVED: 6/01/85												
OCEAN 513	GEOPHY FLUID DYN II Geophysical Fluid Dynamics II	SPR/2010 - AUT/9999		3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE				LAST UPDT: 2/10/10		APPROVED: 9/18/85												

COLLEGE : D - Environment
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CURRIC NUM	COURSE TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D D S H F V L E E W										RESPONS	JOINT	I	
					-ALL U	GRD	E	U N E	P & N	C M S N	A S W T P R G	COURSE	COURSES	T				
BSE 392	BIORESOURC TRNSPRT Bioresource Transport Phenomena	WIN/2016 - AUT/9999	5.0	Y
					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	Y
					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	Y
					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	Y
					LAST UPDT: 5/08/15		APPROVED: 3/29/93											
					FEE TYPE:1	\$10.00	BUDGET:069393	REV OBJ CD:943081										
					COMMENT:WAS PSE 479, CHG CREDITS													
BSE 436	PULP & PAPER LAB II Pulp and Paper Laboratory II	AUT/2010 - AUT/9999	4.0	Y
					LAST UPDT: 9/19/12		APPROVED: 3/29/93											
					FEE TYPE:1	\$115.00	BUDGET:069393	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	C O U R S E S	I					

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
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CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D				S H F				V L R				RESPONS COURSE	JOINT COURSES	O M I T
				-ALL U	GRD	E	D	U N E	M R E	P & A	N S W	C M T	E C P	Q S R	G			
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:063939	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	.	.
	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	.	.
	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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				-ALL U	GRD	E	U N E	M R E	P & A	N S	C M	S S	N N			
ESRM 235	INTRO ENVIRO ECON Introduction to Environmental Economics	AUT/2009 - AUT/9999	5.0 Y Y	.	.	.	ESRM 235 ECON 235	ENVIR 235	.	
COMMENT:MOVE COLLEGE				LAST UPDT: 7/23/15				APPROVED: 2/19/08								
ESRM 250	INTRO TO GIS Introduction to Geographic Information Systems in Forest Resources	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	. . Y	.	.	. Y .	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 7/14/11				APPROVED: 4/28/04								
ESRM 300	SUSTAINABILITY SMNR Principles of Sustainability	AUT/2009 - AUT/9999	2.0	.	CR/NC	.	.	.	. Y Y	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09				APPROVED: 4/25/07								
ESRM 304	ENV RES ASSESSMENT Environmental and Resource Assessment	SPR/2014 - AUT/9999	5.0	.	.	.	.	. Y	.	. Y	.	. Y	.	.	.
COMMENT:CHG FEE				LAST UPDT:11/17/15				APPROVED: 4/28/04				FEE TYPE:1 \$556.00 BUDGET:069393 REV OBJ CD:943081				
ESRM 311	SOILS AND LAND USE Soils and Land Use	WIN/2014 - AUT/9999	3.0	.	.	.	.	. Y	.	. Y	.	.	.	.	.
COMMENT:CHG FEE				LAST UPDT:11/04/13				APPROVED:12/17/70				FEE TYPE:1 \$50.00 BUDGET:069393 REV OBJ CD:943081				
ESRM 315	NAT RESOURCE ISSUES Natural Resource Issues: Old-Growth and Forest Management	AUT/2009 - AUT/9999	5.0	.	.	.	.	. Y	.	. Y Y	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 2/11/13				APPROVED:12/06/93				FEE TYPE:1 \$151.00 BUDGET:069393 REV OBJ CD:943081				
ESRM 320	SUSTAINABLE MARKET Marketing and Management from a Sustainability Perspective	AUT/2009 - AUT/9999	5.0	.	.	.	.	. Y	.	. Y Y	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT:10/14/09				APPROVED: 2/28/94								
ESRM 321	SUSTAINABLE FINANCE Finance and Accounting from a Sustainability Perspective	AUT/2009 - AUT/9999	5.0	.	.	.	.	. Y	.	. Y Y	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 9/19/12				APPROVED: 9/19/12				FEE TYPE:1 \$30.00 BUDGET:069393 REV OBJ CD:943081				
ESRM 323	SILVICULTURE Silviculture	AUT/2009 - AUT/9999	5.0	.	.	.	.	. Y	.	. Y	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 7/23/15				APPROVED:11/20/86				FEE TYPE:1 \$102.00 BUDGET:069393 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									
ESRM 411	PLANT PROPAGATION Plant Propagation: Principles and Practice	AUT/2009 - AUT/9999	3.0	Y	.	Y
	COMMENT:MOVE COLLEGE			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	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PRQ CHG			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	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			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	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT:10/12/09 APPROVED:10/23/78														
ESRM 415	PLANT INVASIONS Biology, Ecology, and Management of Plant Invasions	AUT/2011 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG			LAST UPDT: 3/09/11 APPROVED: 8/24/05														
ESRM 416	FIELD SURVEY SOILS Field Survey of Wildland Soils	AUT/2009 - AUT/9999	3.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 9/19/12 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	.	.	.	.	.	.	.	.
	COMMENT:CHG FEE			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	Y	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			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/2015 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.	.
				LAST UPDT: 5/01/15 APPROVED: 5/26/94 FEE TYPE:1 \$432.00 BUDGET:069393 REV OBJ CD:943081														

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				-ALL U	GRD	E	D	U N E	M R E	P & A	N S W	C M T	E C P	Q S R	G N G			
ESRM 426	WILDLAND HYDROLOGY Wildland Hydrology	WIN/2014 - AUT/9999	4.0	Y	.	.	Y
COMMENT:CHG FEE				LAST UPDT:11/04/13 FEE TYPE:1 \$46.00 BUDGET:069394 REV OBJ CD:943081														
ESRM 427	FOREST LANDSCAPES INTEGRATED MANAGEMENT OF FOREST LANDSCAPES IN A CH	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09 APPROVED: 1/24/07														
ESRM 428	PRINCP SILVICULTURE Principles of Silviculture and Their Application	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE, FEE 3/14				LAST UPDT: 3/14/14 APPROVED: 3/29/06 FEE TYPE:1 \$403.00 BUDGET:069393 REV OBJ CD:943081														
ESRM 429	ENV SCI RES MGT SEM Environmental Science and Resource Management Seminar	WIN/2013 - AUT/9999	1.0	6.0	.	CR/NC	.	.	.	.	Y	.	.	.	.	.	.	.
COMMENT:CHG TITLES				LAST UPDT:11/20/12 APPROVED: 4/28/04														
ESRM 430	REM SENS ENVIRO Remote Sensing of the Environment	WIN/2014 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.
COMMENT:10/13 CHG FEE, CHG TITLES				LAST UPDT:11/20/13 APPROVED:11/20/86 FEE TYPE:1 \$80.00 BUDGET:069393 REV OBJ CD:943081														
ESRM 431	ECOPSYCHOLOGY Ecopsychology	AUT/2015 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	ENVIR 431 PSYCH 431	
COMMENT:MOVE COLLEGE				LAST UPDT: 7/23/15 APPROVED: 6/02/15 ENVIR 431														
ESRM 433	AIRBORNE LIDAR Airborne Lidar for Remote Sensing of Vegetation and Geomorphology	SPR/2016 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 2/01/16 APPROVED: 1/19/16														
ESRM 435	FOREST ENTOMOLOGY Forest Entomology	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 7/25/14 APPROVED:11/20/86														
ESRM 436	LAB FOR ENTOMOLOGY Laboratory in Forest Entomology	AUT/2009 - AUT/9999	2.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE, 12-14 FEE				LAST UPDT: 6/26/15 APPROVED:11/20/86 FEE TYPE:1 \$25.00 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 MAX	U P	GRD SYS	E D	HYPH M	U R	N E	P A	& S	N W				C T	M P	S R	G G
ESRM 470	NAT RES POL & PLAN Natural Resource Policy and Planning	WIN/2014 - AUT/9999	5.0	.	.	.	.	Y	.	Y	Y	.	.	Y	.	.	.	.	.
COMMENT:CHG FEE				LAST UPDT:11/04/13 APPROVED: 3/01/88 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	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 2/07/14 APPROVED: 3/29/05 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	.	.	.	.	.	.	.	.
COMMENT:10-12 REC PREQ CHG				LAST UPDT: 9/22/14 APPROVED: 3/28/91 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	.	.	.	.	.	.	.	.
COMMENT:CHG TITLES, DESC				LAST UPDT: 9/19/12 APPROVED: 9/19/94 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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:400-500				LAST UPDT: 2/19/14 APPROVED: 2/18/14															
ESRM 477	WETLAND RESTORATION WETLAND RESTORATION	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09 APPROVED: 3/29/05															
ESRM 478	PLANT ECOPHYSIOLOGY Plant Ecophysiology	AUT/2014 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	ESRM 478 BIOL 424	.
COMMENT:14-16 PREQ CHG				LAST UPDT: 7/23/14 APPROVED: 6/23/89 FEE TYPE:1 \$20.00 BUDGET:069393 REV OBJ CD:943081															
ESRM 479	RESTORATION DESIGN Restoration Design	AUT/2010 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.	.
COMMENT:10-12 DESC CHG				LAST UPDT: 2/11/13 APPROVED: 4/28/04 FEE TYPE:1 \$52.00 BUDGET:069393 REV OBJ CD:943081															
ESRM 480	PLANT MANAGEMENT Landscape Plant Science and Sustainable Management	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 2/11/13 APPROVED: 3/28/05 FEE TYPE:1 \$36.00 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						
ESRM 485	ENVN PLAN&PERMITTING Environmental Planning and Permitting in Practice	AUT/2015 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	ENVIR 485	ENVIR 485	.
				LAST UPDT: 9/16/15		APPROVED: 6/03/14											
ESRM 489	FOREIGN STUDY Foreign Study	WIN/2013 - AUT/9999	1.0-05.0	15.0	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 3/13/12		APPROVED: 4/28/04											
				COMMENT:REMOVE AOK													
ESRM 490	SPECIAL TOPICS Special Topics	SPR/2014 - AUT/9999	1.0-05.0	15.0	.	.	.	Y	.	.	.	.	.			.
				LAST UPDT: 1/09/14		APPROVED: 4/28/04		FEE TYPE:1 \$85.00 BUDGET:069393 REV OBJ CD:943081									
				COMMENT:ADD FEE													
ESRM 491	FIELD STUDIES Field Studies	AUT/2009 - AUT/9999	1.0-05.0	10.0	.	.	.	Y	.	.	.	.	.			.
				LAST UPDT: 9/19/12		APPROVED: 2/17/09		FEE TYPE:1 \$189.00 BUDGET:069393 REV OBJ CD:943081									
				COMMENT:MOVE COLLEGE													
ESRM 494	CAPSTONE PROPOSAL Senior Capstone Proposal	WIN/2010 - AUT/9999	5.0	.	.	12	.	Y	.	.	.	.	Y			.
				LAST UPDT: 9/19/12		APPROVED:12/20/04		FEE TYPE:1 \$547.00 BUDGET:069393 REV OBJ CD:943081									
				COMMENT:CHG HYPHEN													
ESRM 495	SENIOR PROJECT Senior Project	WIN/2010 - AUT/9999	5.0	.	.	22	.	.	.	.	.	.	Y			.
				LAST UPDT: 1/20/10		APPROVED: 4/28/04											
				COMMENT:CHG HYPHEN													
ESRM 496	SENIOR THESIS Senior Thesis	WIN/2010 - AUT/9999	5.0	.	.	22	.	.	.	.	.	.	Y			.
				LAST UPDT: 1/20/10		APPROVED: 4/28/04											
				COMMENT:CHG HYPHEN													
ESRM 499	UNDERGRAD RESEARCH Undergraduate Research	AUT/2009 - AUT/9999	1.0-05.0	15.0	
				LAST UPDT: 8/12/09		APPROVED: 4/28/04											
				COMMENT:MOVE COLLEGE													

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COLLEGE : D - Environment
 DEPARTMENT: ENVIR & FOREST SCIENCES

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 MAX	U P	GRD SYS	D E	U N E	M R E	P & A	N S W	C M T	E C P	Q S R	R G			
SEFS 525	ADV WILDLAND HYDROL Advanced Wildland Hydrology	WIN/2014 - AUT/9999	4.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG FEE				LAST UPDT:11/04/13 APPROVED:11/18/88 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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS CFR 526				LAST UPDT:12/14/11 APPROVED: 3/29/06														
SEFS 527	ECOSYSTEMS SEMINAR Ecosystems Seminar	AUT/2012 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS CFR 527				LAST UPDT:12/14/11 APPROVED:10/22/87														
SEFS 528	INTNL FORESTRY International Forestry	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS CFR 528				LAST UPDT: 7/25/14														
SEFS 529	SEFS SEMINAR School of Environmental and Forest Sciences Seminar	AUT/2013 - AUT/9999	1.0	6.0	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:DROP JT STATUS, CHG TTL, DESC				LAST UPDT: 8/21/13 APPROVED: 9/22/97														
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	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG CREDITS, 3/14 FEE				LAST UPDT: 3/14/14 APPROVED: 5/25/05 FEE TYPE:1 \$126.00 BUDGET:069393 REV OBJ CD:943081														
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														

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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	MAX	P	SYS	D				HYPH
SEFS 571	RES POL ADMIN Resource Policy and Administration	AUT/2014 - SUM/2016	4.0	SEFS 571	PB AF 592	.
	COMMENT:CHG CREDITS			LAST UPDT:11/03/15 APPROVED: 9/18/85													
SEFS 571	RES POL ADMIN Resource Policy and Administration	AUT/2016 - AUT/9999	4.0	SEFS 571	PUBPOL592	.
				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 573			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
	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/2012 - SUM/2016	1.0	PB AF 591	PB AF 591	.
	COMMENT:WAS CFR 591			LAST UPDT:11/03/15 APPROVED: 2/25/00													
SEFS 591	SM IN RSRCE POL MGT Seminar in Resource Policy and Management	AUT/2016 - AUT/9999	1.0	PUBPOL591	PUBPOL591	.
				LAST UPDT:11/03/15 APPROVED: 2/25/00													
SEFS 592	ENV POLICY PROCESS Environmental Policy Processes	AUT/2012 - SUM/2016	3.0-04.0	PB AF 590	PB AF 590	.
	COMMENT:WAS CFR 592			LAST UPDT:11/03/15 APPROVED: 7/01/91													

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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 592	ENV POLICY PROCESS Environmental Policy Processes	AUT/2016	- AUT/9999	3.0-04.0	PUBPOL590	PUBPOL590	.
					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	.	.	.	.	.	.	.	.			.
					LAST UPDT:12/14/11		APPROVED: 5/25/05											
					COMMENT:WAS CFR 595													
SEFS 600	INDEPNONT STDY/RSCH Independent Study or Research	AUT/2012	- AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.			.
					LAST UPDT:12/14/11		APPROVED: 3/29/93											
					COMMENT:WAS CFR 600													
SEFS 601	INTERNSHIP Internship	AUT/2012	- AUT/9999	3.0-09.0	9.0	.	CR/NC	.	.	.	.	.	.	.	.			.
					LAST UPDT: 7/05/12		APPROVED: 5/25/05											
					COMMENT:WAS CFR 601, UPDATE TITLES													
SEFS 700	MASTERS THESIS Master's Thesis	AUT/2012	- AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.			.
					LAST UPDT:12/14/11		APPROVED: 3/29/93											
					COMMENT:WAS CFR 700													
SEFS 800	DOCTORAL DISSERTATN Doctoral Dissertation	AUT/2012	- AUT/9999	0.0	999.0	.	.	11
					LAST UPDT:12/14/11		APPROVED: 3/29/93											
					COMMENT:WAS CFR 800													

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COLLEGE : D - Environment
 DEPARTMENT: MARINE & ENVIR AFFAIRS

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
SMEA 525	MPA MGT & SCI Marine Protected Area Management and Science	WIN/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS SMA 525				LAST UPDT: 9/07/11		APPROVED: 2/25/02												
SMEA 530	DEVELOPM & ENVIRONM Development and the Environment	WIN/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS SMA 530				LAST UPDT: 9/07/11		APPROVED: 8/24/10												
SMEA 536	MICROECON MAR AFF Applied Microeconomics for Marine Affairs	WIN/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS SMA 536				LAST UPDT: 9/07/11		APPROVED: 3/29/93												
SMEA 537	MARINE POLICY ECON Economic Aspects of Marine Policy	WIN/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	SMEA 537 ECON	537	.	.
COMMENT:WAS SMA 537				LAST UPDT: 9/07/11		APPROVED: 6/26/75												
SMEA 538	MARINE RES ECON Economics of Living Marine Resources	WIN/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	SMEA 538 ECON	538	.	.
COMMENT:WAS SMA 538				LAST UPDT: 9/07/11		APPROVED:12/08/77												
SMEA 539	US FISH MGT POL U.S. Fisheries Management and Policy	WIN/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	SMEA 539 FISH	539	.	.
COMMENT:WAS SMA 539				LAST UPDT: 7/14/15		APPROVED: 9/17/13												
SMEA 540	MAR RESOURCE PLAN International Strategic Planning for Marine Resources	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:12-14 DESC CHG				LAST UPDT: 7/12/12		APPROVED: 1/27/83												
SMEA 550	SPECIAL TOPICS Special Topics in Marine Studies	WIN/2012 - AUT/9999	1.0-03.0	18.0	Y	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS SMA 550				LAST UPDT: 2/12/15		APPROVED: 2/27/75												
				FEE TYPE:1		\$50.00		BUDGET:069305		REV OBJ CD:943081								
SMEA 555	MAR BUSINESS PACIFIC COMPARATIVE MARINE BUSINESS IN THE NORTH PACIFIC	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	JSIS D555 JSIS D555	.	.	.
COMMENT:CHG JT STATUS				LAST UPDT:12/11/12		APPROVED: 9/22/83												

