

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 937

COLLEGE : D - Environment
 DEPARTMENT: AQUA & FISH SCI

CURRIC	NUM	COURSE 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
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			OCEAN 300						
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						

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 938

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	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											

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 939

COLLEGE : D - Environment
DEPARTMENT: AQUA & FISH SCI

COURSE CURRIC NUM	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	D	U N E	P & N	C M S N	A S W T P R G	A	S	W	T				P	R	G
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	GEOSPATL PTRRN ANLYS Geospatial Pattern Analysis and Geostatistics	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	OCEAN 453	OCEAN 453	
COMMENT:RECREATED FISH 453 WITH CHGS				LAST UPDT: 7/18/16 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														

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 940

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	COURSE	COURSES	I
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															
						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															
						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
						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					
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															

DATE: 10-10-2016
 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	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	INDEPN DNT 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													

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 947

COLLEGE : D - Environment
 DEPARTMENT: ATMOSPHERIC

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	I
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																				

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 951

COLLEGE : D - Environment
 DEPARTMENT: ATMOSPHERIC

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			

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 953

COLLEGE : D - Environment
 DEPARTMENT: ATMOSPHERIC

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
ATM S 536	STORM DYNAMICS Mesoscale Storm Structure and Dynamics	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ATM S 542	SYNOPT/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	

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 954

COLLEGE : D - Environment
 DEPARTMENT: ATMOSPHERIC

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			
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		

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 955

COLLEGE : D - Environment
 DEPARTMENT: ATMOSPHERIC

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						
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			

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 957

COLLEGE : D - Environment
 DEPARTMENT: ENVIRONMENT

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	GRD	E	U	N	E	P	&				N
C ENV 110	FOOD & ENVIRONMENT Introduction to Food and the Environment	AUT/2011 - AUT/9999	5.0
				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												

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 958

COLLEGE : D - Environment
 DEPARTMENT: ENVIRONMENT

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 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															
				FEE TYPE:1 \$90.00 BUDGET:029357 REV OBJ CD:943081															
				COMMENT:CHG JT STATUS															
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															
				FEE TYPE:1 \$90.00 BUDGET:029357 REV OBJ CD:943081															
				COMMENT:CHG JT STATUS															

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 961

COLLEGE : D - Environment
 DEPARTMENT: ENVIRONMENT

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						
Q SCI 454	ECOLOGICAL MODELING Ecological Modeling	SPR/2010 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	FISH 454	FISH 454	.
				LAST UPDT: 2/04/10		APPROVED: 9/21/06											
COMMENT:MOVE COLLEGE																	
Q SCI 458	MODEL/ESTIM RES MGT Modeling and Estimation in Conservation and Resource Management	AUT/2014 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	FISH 458	FISH 458	.
				LAST UPDT:10/01/15		APPROVED: 5/29/75											
COMMENT:14-16 RECOMMENDED CHG																	
Q SCI 480	SAMPLING THEORY Sampling Theory for Biologists	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	Q SCI 480	STAT 480	.
				LAST UPDT: 2/04/10		APPROVED: 8/31/72											
COMMENT:MOVE COLLEGE																	
Q SCI 482	STAT INFR IN ECOL Statistical Inference in Applied Research I: Hypothesis Testing and Estimation for Ecologists and Resource Managers	AUT/2011 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 3/21/16		APPROVED: 6/28/79											
COMMENT:FORCE GRAD PREQ																	
Q SCI 483	STAT REGRES IN ECOL Statistical Inference in Applied Research II: Regression Analysis for Ecologists and Resource Managers	SPR/2010 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 2/23/10		APPROVED: 1/31/84											
COMMENT:MOVE COLLEGE, CHG PREQ																	
Q SCI 486	EXPERIMENTAL DESIGN Experimental Design	WIN/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	Q SCI 486	STAT 486	.
				LAST UPDT: 6/20/11		APPROVED: 6/28/79											
COMMENT:CHG CREDITS, HRS, DESC																	
Q SCI 497	SP TOPICS IN Q SCI Special Topics in Quantitative Science	SPR/2010 - AUT/9999	1.0-15.0	15.0	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 2/04/10		APPROVED: 2/24/06											
COMMENT:MOVE COLLEGE																	
Q SCI 498	INTERNSHIP Internship	SPR/2010 - AUT/9999	1.0-15.0	15.0	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 2/04/10		APPROVED: 6/13/06											
COMMENT:MOVE COLLEGE																	
Q SCI 499	RESEARCH EXPERIENCE Research Experience	SPR/2010 - AUT/9999	1.0-15.0	15.0	Y CR/NC	.	.	.	.	.	.	.	.			.
				LAST UPDT: 2/04/10		APPROVED: 6/28/73											
COMMENT:MOVE COLLEGE																	

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 963

COLLEGE : D - Environment
 DEPARTMENT: PROG ON THE ENVIRON

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
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														

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 964

COLLEGE : D - Environment
 DEPARTMENT: PROG ON THE ENVIRON

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 Q 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: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 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													

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 965

COLLEGE : D - Environment
 DEPARTMENT: PROG ON THE ENVIRON

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	H R	F E	P A	& S	N W				C T	M P	S R	G
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	SUM/2014 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	ANTH 410 ESRM	405 .	
																	ANTH 410
																	FEE TYPE:1 \$37.00 BUDGET:069643 REV OBJ CD:943081

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 968

COLLEGE : D - Environment
 DEPARTMENT: PROG ON THE ENVIRON

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

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 971

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	C				M	S	N
ESS 201	EARTH CLIMATE The Earth System and Climate	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		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	.	.	.	.	.	.	.
				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	.	.	.	.	.	.	.
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 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				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	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG				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	.	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG				LAST UPDT: 5/16/13		APPROVED: 9/22/97		FEE TYPE:1 \$75.00 BUDGET:069340 REV OBJ CD:943081									

COLLEGE : D - Environment
 DEPARTMENT: EARTH AND SPACE 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 U	GRD	E	D	U N E	M R E	P & A	N S	C M	S P	R G				
ESS 213	EVOLUTION OF EARTH Evolution of the Earth	SPR/2015 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	.	.	.	.
	COMMENT:EMAIL PREQ CHG																	
				LAST UPDT: 2/18/15				APPROVED: 9/22/97				FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081						
ESS 230	RIVERS AND BEACHES Rivers and Beaches	SPR/2010 - AUT/9999	3.0-05.0	.	.	.	.	Y	.	Y	.	.	.	.	ESS 230	OCEAN 230	.	
	COMMENT:MOVE JT COLLEGE																	
				LAST UPDT: 8/06/12				APPROVED: 4/28/03				FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081						
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	.	.	.	.
	COMMENT:MOVE COLLEGE																	
				LAST UPDT: 8/06/12				APPROVED: 10/01/85				FEE TYPE:1 \$25.00 BUDGET:069340 REV OBJ CD:943081						
ESS 302	GREAT ICE AGE Great Ice Age	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	.	.	.
	COMMENT:MOVE COLLEGE																	
				LAST UPDT: 8/06/12				APPROVED:10/01/85				FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081						
ESS 303	GEOLOGIC HAZARDS GEOLOGIC HAZARDS	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.
	COMMENT:MOVE COLLEGE																	
				LAST UPDT:12/11/12				APPROVED:12/06/91										
ESS 304	NW VOLC AND GLAC Volcanoes and Glaciers of the Pacific Northwest	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	.	.	.
	COMMENT:MOVE COLLEGE																	
				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	.	.	.	.
	COMMENT:MOVE COLLEGE																	
				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	.	.	.	.
	COMMENT:MOVE COLLEGE																	
				LAST UPDT: 8/12/09				APPROVED:12/10/90										

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 973

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 & A	N C M S N	E C Q T						
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	AUT/2016 - AUT/2016	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 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 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
LAST UPDT: 4/07/16 APPROVED: 2/25/98																	
ESS 313	GEOBIOLOGY Geobiology	AUT/2016 - AUT/2016	5.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.
LAST UPDT: 5/11/16 APPROVED: 2/25/98 FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081																	
ESS 313	GEOBIOLOGY Geobiology	WIN/2017 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.
LAST UPDT: 5/11/16 APPROVED: 2/25/98 FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081																	
ESS 314	GEOPHYSICS Geophysics	AUT/2016 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
LAST UPDT: 4/07/16 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																	

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 974

COLLEGE : D - Environment
 DEPARTMENT: EARTH AND SPACE 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	U	GRD	E	U	N	E	P	N	C	M	S				N
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	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			Science Teachers: Solid Earth 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														
ESS 410	MAR GEOL AND GEOPHY Marine Geology and Geophysics	AUT/2010 - AUT/9999	4.0	.	.	.	.	Y	.	Y	.	.	.	.	OCEAN 410	OCEAN 410	.
	COMMENT:CHG DESC, PREQ			LAST UPDT: 7/23/15 FEE TYPE:1 \$50.00 BUDGET:099670 REV OBJ CD:943081														

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 977

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 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	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				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	.	.	.	.	BIOL 475	BIOL 475	.
COMMENT:CHG CREDITS				LAST UPDT: 6/04/15		APPROVED:12/21/10		FEE TYPE:1 \$120.00 BUDGET:069377 REV OBJ CD:943081									

COLLEGE : D - Environment
 DEPARTMENT: EARTH AND SPACE 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	U	GRD	E	U	N	E	P	N	C	M	S				N
ESS 450	PALEOBIOLOGY Paleobiology	AUT/2009 - AUT/9999	3.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/06/12 APPROVED: 2/01/82 FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081															
ESS 451	INVERT PALEONTOLOGY Invertebrate Paleontology	WIN/2013 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	.	.	.	ESS 451	BIOL 451	.	.	
	COMMENT:CHG FEE			LAST UPDT: 3/11/16 APPROVED: 2/25/02 FEE TYPE:1 \$62.00 BUDGET:069377 REV OBJ CD:943081															
ESS 452	VERTE PALEO Vertebrate Paleontology	WIN/2014 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	.	.	.	BIOL 450	BIOL 450	.	.	
	COMMENT:CHG FEE			LAST UPDT: 3/21/16 APPROVED:10/25/06 FEE TYPE:1 \$50.00 BUDGET:069377 REV OBJ CD:943081															
ESS 453	FOSSIL MAMMALS Fossil Mammals	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/12/09 APPROVED:12/01/85															
ESS 454	HYDROGEOLOGY Hydrogeology	WIN/2015 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
	COMMENT:CHG CREDITS			LAST UPDT: 6/04/14 APPROVED: 5/19/09															
ESS 455	STRATIGRAPHY Stratigraphy	AUT/2009 - AUT/9999	4.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/06/12 FEE TYPE:1 \$15.00 BUDGET:069340 REV OBJ CD:943081															
ESS 456	DEPOSTINAL ENVIRONS Depositional Environments	AUT/2009 - AUT/9999	4.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 8/06/12 APPROVED: 1/01/82 FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081															
ESS 457	ENV GEOCHEM Environmental Geochemistry	AUT/2009 - AUT/2016	4.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE			LAST UPDT: 6/13/16 APPROVED: 3/29/06															
ESS 457	ENV GEOCHEM Environmental Geochemistry	WIN/2017 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
				LAST UPDT: 6/13/16 APPROVED: 3/29/06															

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 979

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 & A	N	C	M				S	N
ESS 458	ISOTOPE GEOL LITHOS ISOTOPE AND TRACE ELEMENT GEOLOGY: LITHOSPHERE	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.			.
COMMENT:UPDATE PREQ, COLLEGE				LAST UPDT: 8/12/09		APPROVED: 6/01/90											
ESS 459	ENV ISOTOPE GEOCHEM Environmental Isotope Geology	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.			.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED:10/01/74											
ESS 460	COSMOGENIC NUCLIDES Cosmogenic Nuclides in Geomorphology	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.			.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 3/29/04											
ESS 461	GEOLOGICAL TIME Geological Time	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.			.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 3/27/95											
ESS 462	VOLCANIC PROCESSES Volcanic Processes	SPR/2014 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.			.
COMMENT:EMAIL PREQ CHG				LAST UPDT:12/12/13		APPROVED: 6/01/99											
ESS 463	STRUCTURE TECTONICS Structure and Tectonics	WIN/2013 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	.	.			.
COMMENT:CHG FEE				LAST UPDT:10/16/12		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	.	.	.	.	.	.	Y	.	.	.			.
COMMENT:UPDATE PREQ				LAST UPDT: 9/06/12		APPROVED: 2/28/94											
ESS 465	SEIS & ERTHQKE ENGR Seismology and Earthquake Engineering	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	CEE	431	CEE 431
COMMENT:UPDATE PREQ				LAST UPDT: 3/21/16		APPROVED:12/01/99											
ESS 466	APPLIED SEISMOLOGY APPLIED SEISMOLOGY	AUT/2009 - AUT/9999	2.0	.	.	.	.	.	.	Y	.	.	.			.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 1/01/88											

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 981

COLLEGE : D - Environment
 DEPARTMENT: EARTH AND SPACE SCIENCES

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
ESS 495	NASA RSRCH SEMINAR NASA Science and Engineering Research Seminar	AUT/2009 - AUT/9999		1.0	4.0	.	CR/NC	.	.	.	.	.	Y	.	.	.	.	.
	COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED:10/29/90											
ESS 498	UNDERGRAD THESIS Undergraduate Thesis	AUT/2009 - AUT/9999		5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.
	COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09													
ESS 499	UNDERGRAD RESEARCH Undergraduate Research	AUT/2009 - AUT/9999		0.0	15.0	Y	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 2/01/87											
ESS 501	GEOCHEMICAL SYSTEMS Geochemical Systems	AUT/2009 - AUT/9999		3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 6/13/06											
ESS 502	THE SOLID EARTH The Solid Earth	AUT/2009 - AUT/9999		3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 6/13/06											
ESS 503	SOLAR TERRESTR PHYS Introduction to Solar Terrestrial Physics	AUT/2009 - AUT/9999		3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09		APPROVED: 8/08/06											
ESS 504	EARTH SURFACE The Earth Surface	AUT/2009 - AUT/9999		3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE				LAST UPDT: 8/06/12		APPROVED: 6/13/06		FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081									
ESS 505	THE CRYOSPHERE The Cryosphere	AUT/2011 - AUT/9999		4.0	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 6/22/11		APPROVED: 6/21/11											
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											

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 982

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				C	M	S	N	
				MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G			
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																	
ESS 517	EARTH EVOLUTION Early Earth Evolution	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09 APPROVED: 2/28/03																	

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 985

COLLEGE : D - Environment
DEPARTMENT: EARTH AND SPACE 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 U	GRD	E	D	U N E	M R E	P & N C M S N	A S W T P R G							
ESS 541	APL FLUV GEOMORPH Applied Fluvial Geomorphology	SPR/2014 - AUT/9999	4.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/02/15 APPROVED:11/19/13 FEE TYPE:1 \$35.00 BUDGET:069340 REV OBJ CD:943081 COMMENT:FEE 1-15														
ESS 542	SED DYN AND PHYSICS Sediment Dynamics and Boundary-Layer Physics	AUT/2013 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	OCEAN 542	OCEAN 542
				LAST UPDT: 6/05/13 APPROVED: 2/28/94 COMMENT:WAS ESS 526														
ESS 544	TSUNAMI HAZARDS SCI Applied Tsunami Hazard Science	SUM/2013 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/16/13 APPROVED: 1/15/13 COMMENT:WAS ESS 546														
ESS 545	ECON GEOL SED ROCKS ECONOMIC GEOLOGY OF SEDIMENTARY ROCKS	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/11/12 COMMENT:MOVE COLLEGE														
ESS 546	CONTINENT-MARG SED Continental-Margin Sedimentation	WIN/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	OCEAN 546	OCEAN 546
				LAST UPDT:11/20/13 APPROVED:11/21/05 COMMENT:WAS ESS 527														
ESS 547	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 COMMENT:ADD FEE														
ESS 548	GEODYNAMICS GEODYNAMICS	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/28/13 COMMENT:MOVE COLLEGE														
ESS 549	GEOMAGNETISM GEOMAGNETISM	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/12/09 APPROVED: 2/28/94 COMMENT:MOVE COLLEGE														
ESS 550	EMAG & POTEN FIELDS Electromagnetic and Potential Field Methods	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/12/09 APPROVED: 2/28/94 COMMENT:MOVE COLLEGE														

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 986

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	C M S N	A S W T P R G					
ESS 551	MINERAL PHYSICS Mineral Physics	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09				APPROVED: 2/28/94							
ESS 552	SOLUTION GEOCHEM SOLUTION GEOCHEMISTRY	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT:12/11/12				APPROVED:11/01/75							
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	.
				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	.
				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			

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 989

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 & A	N & S	C & W	M & T				S & P	R & R
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														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														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														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														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														OCEAN 589		
ESS 590	SPECIAL TOPICS Special Topics	AUT/2009 - AUT/9999	2.0-10.0	20.0	Y	.	.	.	.	.	.	.	.			.
	COMMENT:MOVE COLLEGE																
ESS 592	PROF PRACTICE SEM Professional Practice in Applied Geosciences	AUT/2013 - AUT/9999	1.0	3.0	.	.	.	.	Y	.	.	.	.			.
	COMMENT:ADD FEE																
																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														OCEAN 593		
ESS 594	INTRO ESS RSRCH Introduction to Earth and Space Sciences Research	AUT/2009 - AUT/9999	1.0-02.0	4.0	Y	.	.	.	.	.	.	.	.			.
	COMMENT:MOVE COLLEGE																
																LAST UPDT: 8/12/09 APPROVED:11/21/94	

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 992

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	P & N	C M S N	A S W T P R G	COURSE				COURSES	I
OCEAN 220	INTRO FIELD OCEAN Introduction to Field Oceanography	SPR/2011 - AUT/9999		3.0-05.0	.	.	.	.	Y	.	Y	.	.	Y			.
				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	.	.	.	.	Y	.	Y	.	.	Y	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/2016		1.0-05.0	9.0	.	.	.	Y	.	Y	.	.	Y	.	.	.
				COMMENT:MOVE COLLEGE		LAST UPDT: 8/25/16 APPROVED: 9/17/96 FEE TYPE:1 \$50.00 BUDGET:069670 REV OBJ CD:943081											
OCEAN 240	SPEC TOPICS OCEAN Special Topics in Oceanography	WIN/2017 - AUT/9999		1.0-05.0	9.0	.	.	.	Y	.	Y	.	.	Y	.	.	.
				COMMENT:MOVE COLLEGE		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 .
				COMMENT:MOVE COLLEGE		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	Y	.	.	OCEAN	260	ENVIR 260 .
				COMMENT:MOVE COLLEGE		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	.	.	Y	.	.	.
				COMMENT:MOVE COLLEGE		LAST UPDT: 2/18/15 APPROVED: 2/17/15											
OCEAN 270	AQUATIC ECOPHYSLGY Aquatic Ecophysiology	AUT/2015 - AUT/9999		5.0	.	.	.	.	.	.	Y	.	.	Y	FISH	270	MARBIO270 .
				COMMENT:MOVE COLLEGE		LAST UPDT: 7/23/15 APPROVED:12/16/14											

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 993

COLLEGE : D - Environment
DEPARTMENT: OCEANOGRAPHY

CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D					S H F					RESPONS COURSE	JOINT COURSES	O M I T		
				-ALL	U	GRD	E	D	U	N	E	M	R				E	P	& N	C	M	S	N
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 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: 9/16/16 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 PRCOESS 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														
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														

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 994

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	E	U	N	E	P	&	N				C	M	S	N
OCEAN 365	SUSTAINABILITY SCI Practicing Sustainability Science	SPR/2010 - AUT/9999	8.0	Y	Y
COMMENT:MOVE COLLEGE				LAST UPDT: 2/10/10		APPROVED: 6/13/06												
OCEAN 370	MARINE EVOLN BIOL Marine Evolutionary Biology	SPR/2015 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	FISH 370	MARBIO370	.
COMMENT:MOVE COLLEGE				LAST UPDT: 7/23/15		APPROVED:12/16/14		FISH 370										
OCEAN 400	CHEMICAL OCEAN Chemical Oceanography	SPR/2010 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 2/10/10														
OCEAN 401	SPEC TOP CHEM OCEAN Special Topics in Chemical Oceanography	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 2/10/10		APPROVED: 3/28/01												
OCEAN 409	MARINE POLLUTION Marine Pollution	WIN/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	Y	.	.	.	.	.
COMMENT:MOVE COLLEGE				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	.
COMMENT:CHG PREQ, DESC				LAST UPDT: 7/23/15		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	.	.	.	.	.	.
COMMENT:UWCR COMMITTE REMOVE QSR				LAST UPDT: 3/29/11		APPROVED: 3/28/01												
OCEAN 412	SEIS EXPLR & STRAT Seismic Exploration and Stratigraphy	SPR/2010 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	ESS 467	ESS 467	.
COMMENT:MOVE COLLEGE				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	.	.	.	.	.	.
COMMENT:CHG PREQ				LAST UPDT: 7/18/16		APPROVED: 2/21/01												

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 995

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		E	U N E	P	& N C	M S N	A S W T P R G					
OCEAN 421	SPEC TOP PHYS OCEAN Special Topics in Physical Oceanography	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 2/10/10		APPROVED: 3/28/01											
OCEAN 422	OCEAN DYNAMICS OCEAN DYNAMICS	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 2/10/10		APPROVED: 3/28/01											
OCEAN 423	OCEAN CIRC & CLIMATE Ocean Circulation and Climate	AUT/2016 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 7/19/16		APPROVED: 3/28/01											
OCEAN 430	BIO OCEAN Biological Oceanography	AUT/2011 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
COMMENT:CHG DESC				LAST UPDT: 3/14/11													
OCEAN 431	SPEC TOP BIOL OCEAN Special Topics in Biological Oceanography	AUT/2011 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
COMMENT:CHG DESC, PREQ				LAST UPDT: 3/14/11		APPROVED: 3/28/01											
OCEAN 443	SNR THESIS PROPOSAL Undergraduate Thesis: Proposal	WIN/2013 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
COMMENT:CHG TITLES, DESC				LAST UPDT:10/15/12		APPROVED: 2/21/01											
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									
OCEAN 445	SNR THESIS:ANALYSIS Undergraduate Thesis: Data Analysis and Writing	WIN/2013 - AUT/9999	3.0	.	.	.	.	Y	.	Y	.	.	Y	.	.	.	.
COMMENT:WAS OCEAN 444,CHG TTL,CRDT,DES				LAST UPDT:10/15/12		APPROVED:10/16/12											
				FEE TYPE:1		\$500.00 BUDGET:099670		REV OBJ CD:943081									
OCEAN 450	CLIMATIC EXTREMES Climatic Extremes	SPR/2010 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 2/10/10		APPROVED: 4/25/01											

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 996

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	E	U	N	E	P	&	N				C	M	S	N
OCEAN 451	FLUID DYAMICS LAB FLUID DYNAMICS LABORATORY	SPR/2010 - AUT/9999	4.0	Y
				LAST UPDT: 2/10/10		APPROVED: 3/28/01													
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 P TTRN ANLYS Geospatial Pattern Analysis and Geostatistics	SPR/2010 - AUT/9999	3.0	Y	OCEAN 453 FISH 453	.
				LAST UPDT: 7/18/16		APPROVED: 3/28/01													
OCEAN 454	HYDROTHERMAL Hydrothermal Systems: An Interdisciplinary View	SPR/2010 - AUT/9999	3.0	Y
				LAST UPDT: 9/16/10		APPROVED: 1/25/06													
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													
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													
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													
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													
COMMENT:MOVE COLLEGE				FEE TYPE:1		\$90.00		BUDGET:029357		REV OBJ CD:943081									

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 997

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		E	U N E	P	& N C	M S N	A S W T P R G					
OCEAN 481	PUGET SOUND OCEANOG Puget Sound and Estuarine Oceanography	AUT/2011 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 4/20/11		APPROVED: 4/19/11											
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	.	.	.	.	.	.	.
				LAST UPDT: 2/09/15		APPROVED: 8/23/07		FEE TYPE:1 \$100.00 BUDGET:099147 REV OBJ CD:943081									
				COMMENT:MOVE COLLEGE													
OCEAN 494	FIELD EXP: OCEAN Field Experiences in Marine Science	SPR/2010 - AUT/9999	1.0-15.0	30.0	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 2/10/10		APPROVED: 8/23/07											
				COMMENT:MOVE COLLEGE													
OCEAN 496	STUDY ABROAD: OCEAN Study Abroad: Oceanography	SPR/2010 - AUT/9999	1.0-15.0	30.0	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 2/10/10		APPROVED: 8/23/07											
				COMMENT:MOVE COLLEGE													
OCEAN 497	ADV SPEC TOP: OCEAN Advanced Special Topics in Oceanography	SPR/2010 - AUT/9999	1.0-15.0	15.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/10/10		APPROVED: 8/23/07											
				COMMENT:MOVE COLLEGE													
OCEAN 499	UNDERGRAD RESEARCH Undergraduate Research	AUT/2010 - AUT/9999	1.0-15.0	24.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/02/10													
				COMMENT:CHG DESC													
OCEAN 500	CURRENT PROBS OCEAN Current Problems in Oceanography	SPR/2010 - AUT/9999	1.0	10.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 5/02/13													
				COMMENT:MOVE COLLEGE, 5/13 RETRO MAX													
OCEAN 501	ESTUARINE CIRC/MIX ESTUARINE CIRCULATION AND MIXING	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/10/10													
				COMMENT:MOVE COLLEGE													

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 998

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	E	U	N	E	P	&	N			
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																	
OCEAN 503	GEOSP TL PTRN 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	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 2/10/10 APPROVED: 9/17/96																	
COMMENT:MOVE COLLEGE																	
OCEAN 507	PUGET SOUND OCEANO G 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	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 5/02/13																	
COMMENT:MOVE COLLEGE, 5/13 RETRO MAX																	
OCEAN 510	PHYSICS OCEAN CIRC Physics of Ocean Circulation	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 2/10/10 APPROVED: 6/28/84																	
COMMENT:MOVE COLLEGE																	
OCEAN 511	FLUID DYNAMICS Introduction to Fluid Dynamics	AUT/2013 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	AMATH 505 ATM S 505	.
LAST UPDT: 3/21/16 APPROVED:10/05/92																	
COMMENT:EMAIL PREQ CHG																	
OCEAN 512	GEOPHYS FLUID DYN I Geophysical Fluid Dynamics I	SPR/2010 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	OCEAN 512 ATM S 509	.
LAST UPDT: 2/10/10 APPROVED: 6/01/85																	
COMMENT:MOVE COLLEGE																	
OCEAN 513	GEOPHY FLUID DYN II Geophysical Fluid Dynamics II	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 2/10/10 APPROVED: 9/18/85																	
COMMENT:MOVE COLLEGE																	

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,005

COLLEGE : D - Environment
 DEPARTMENT: SCIENCE FOR TEACHERS

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

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,006

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		U	N	E	P	&	N	C	M				S	N
BSE 104	PROD & ENRGY RENEWBL Products and Energy from Renewable Resources	AUT/2010 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	Y	.	.	.	.	.
COMMENT:WAS PSE 104				LAST UPDT: 7/25/14		APPROVED: 8/23/00											
BSE 150	BIORESOURCE SEMINAR Bioresource Science and Engineering Seminar	AUT/2010 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:WAS PSE 450, CHG TL,CRDT, DESC				LAST UPDT:12/22/10		APPROVED:10/24/96											
BSE 190	SPECIAL TOPICS Special Topics	AUT/2016 - AUT/9999	1.0-05.0	10.0	.	.	.	.	.	.	Y	.	.	.	.	.	.
COMMENT:WAS PSE 201				LAST UPDT: 5/12/16		APPROVED:12/21/10											
BSE 201	PULP PAPER &BIOPROD Introduction to Pulp, Paper, and Bioproducts	AUT/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
COMMENT:WAS PSE 201				LAST UPDT: 6/16/10		APPROVED: 3/29/93											
BSE 202	PULP & PAPER FIELD Pulp and Paper Lab and Field Studies	WIN/2014 - AUT/9999	1.0	.	CR/NC	.	.	Y	.	.	Y	.	.	.	.	.	.
COMMENT:CHG FEE				LAST UPDT:11/01/13		APPROVED: 2/26/03		FEE TYPE:1 \$30.00 BUDGET:069393 REV OBJ CD:943081									
BSE 211	CREATIVITY & SOCIETY Creativity and Society	WIN/2013 - AUT/9999	5.0	.	.	.	.	.	.	Y	Y	.	.	.	.	.	.
COMMENT:PERM DL				LAST UPDT: 1/16/13		APPROVED:12/15/05											
BSE 248	PAPER PROPERTIES Paper Properties	AUT/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
COMMENT:EMAIL PREQ CHG				LAST UPDT: 5/07/12		APPROVED: 2/26/03											
BSE 309	CREAT INNOVATION Creativity and Innovation	AUT/2010 - AUT/9999	2.0	.	.	.	.	.	.	Y	.	.	.	.	.	BSE 309 CHEM E309	.
COMMENT:WAS PSE 309				LAST UPDT:11/08/10		APPROVED: 3/29/93											
BSE 391	ENGR PRIN BIOREFINE Engineering Principles of Biorefineries	AUT/2014 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
COMMENT:WAS PSE 309				LAST UPDT: 3/19/14		APPROVED: 3/18/14											

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,007

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							
BSE 392	BIORESOURCE 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	BIORESOURCE 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							

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,008

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						
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													

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,009

COLLEGE : D - Environment
DEPARTMENT: ENVIR & FOREST SCIENCES

CURRIC NUM	COURSE TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		D	S H F			V	E E W			RESPONS	JOINT	I					
					-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

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

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,010

COLLEGE : D - Environment
 DEPARTMENT: ENVIR & FOREST SCIENCES

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	D	U N E	M R E	P & A	N C M S N	E C Q T	L I E C Q T					
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	Y	.	.	.	.	.	.	.
COMMENT:CHG CREDITS			LAST UPDT: 2/11/13 APPROVED:11/20/86 FEE TYPE:1 \$23.00 BUDGET:069393 REV OBJ CD:943081															

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,014

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		U N E	P & N	C M S N	A S W T P R G	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/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										

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,016

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 441	LANDSCAPE ECOLOGY Landscape Ecology	WIN/2010 - AUT/9999	5.0	Y	.	Y
				LAST UPDT: 9/19/12 APPROVED:10/22/87													
				COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$140.00 BUDGET:069393 REV OBJ CD:943081													
ESRM 442	SIERRA NEVADA ECOL Forest Ecology and the Sierra Nevada and White Mountains	SUM/2014 - AUT/9999	5.0	Y	.	Y
				LAST UPDT: 2/18/14 APPROVED: 3/19/13													
				COMMENT:ADD FEE FEE TYPE:1 \$586.00 BUDGET:069393 REV OBJ CD:943081													
ESRM 444	FOREST ECOSYST PROT FOREST ECOSYSTEM PROTECTION: INSECTS AND DISEASES	SPR/2011 - AUT/9999	5.0	Y	.	Y
				LAST UPDT:12/11/12 APPROVED: 9/27/91													
				COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$60.00 BUDGET:069393 REV OBJ CD:943081													
ESRM 450	WILD ECOL CONSERV Wildlife Ecology and Conservation	AUT/2015 - AUT/9999	5.0	Y
				LAST UPDT: 2/23/15 APPROVED: 3/29/93													
				COMMENT:EMAIL PREQ CHG													
ESRM 451	URBAN PLANT PROTEC Urban Plant Protection	AUT/2009 - AUT/9999	5.0	Y	.	Y
				LAST UPDT: 7/25/14													
				COMMENT:MOVE COLLEGE FEE TYPE:1 \$21.00 BUDGET:069393 REV OBJ CD:943081													
ESRM 452	FIELD ORNITHOLOGY Field Ornithology	AUT/2011 - AUT/9999	3.0	Y	.	Y
				LAST UPDT: 3/14/14 APPROVED: 3/29/93													
				COMMENT:EMAIL PREQ CHG, FEE 3/14 FEE TYPE:1 \$90.00 BUDGET:069393 REV OBJ CD:943081													
ESRM 455	WLF SEMINAR Wildlife Seminar	AUT/2009 - AUT/9999	1.0	8.0	Y	CR/NC	Y
				LAST UPDT:10/12/09 APPROVED:12/18/81													
				COMMENT:MOVE COLLEGE													
ESRM 456	BIOL & CONS BIRDS Biology and Conservation of Birds	AUT/2009 - AUT/9999	3.0	Y
				LAST UPDT:10/12/09 APPROVED: 3/29/93													
				COMMENT:EMAIL PREQ CHG - MOVE COLLEGE													
ESRM 457	FISH WILDLIFE TOXIC Fish and Wildlife Toxicology	SPR/2010 - AUT/9999	3.0-05.0	Y	.	Y	FISH 455	FISH 455	.
				LAST UPDT:11/02/15 APPROVED: 9/22/97													
				COMMENT:MOVE JT COLLEGE FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081													

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,017

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 U	GRD	E	U N E	M R E	P & A	N S	C W	M T	S P	R G			
ESRM 458	MGMT ENDANGERED SPE Management of Endangered, Threatened, and Sensitive Species	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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	.	.	.	.	.	.	.	.	.	.	.	ENVIR 460	ENVIR 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	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT:10/14/09 APPROVED: 1/01/87													
ESRM 462	RESTORATION ECOL 1 Restoration Ecology Capstone: Introduction	SUM/2014 - AUT/9999	2.0	.	.	13	.	.	.	.	.	.	.	.	ESRM 462	TESC 462	.
COMMENT:CHANGE JT DEPT				LAST UPDT: 6/26/14 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 - AUT/9999	3.0	.	.	23	.	.	.	.	.	.	.	.	ESRM 463	TESC 463	.
COMMENT:CHANGE JT DEPT				LAST UPDT: 6/26/14 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 - AUT/9999	5.0	.	.	33	.	.	.	.	.	.	.	.	ESRM 464	TESC 464	.
COMMENT:CHANGE JT DEPT				LAST UPDT: 6/26/14 APPROVED: 8/23/00 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	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT:10/14/09													
ESRM 468	FOREST OPERATIONS Forest Operations	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT:11/07/14 FEE TYPE:1 \$52.00 BUDGET:069393 REV OBJ CD:943081													

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,019

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 U	GRD	E	D	U N E	M R E	P & A	N S	C W	M T	S P	R G				
ESRM 485	ENVN PLAN&PERMITTING Environmental Planning and Permitting in Practice	AUT/2015 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	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	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/09/14				APPROVED: 4/28/04											
				COMMENT:ADD FEE															
				FEE TYPE:1 \$85.00 BUDGET:069393 REV OBJ CD:943081															
ESRM 491	FIELD STUDIES Field Studies	AUT/2009 - AUT/9999	1.0-05.0	10.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/19/12				APPROVED: 2/17/09											
				COMMENT:MOVE COLLEGE															
				FEE TYPE:1 \$189.00 BUDGET:069393 REV OBJ CD:943081															
ESRM 494	CAPSTONE PROPOSAL Senior Capstone Proposal	WIN/2010 - AUT/9999	5.0	.	.	12	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/19/12				APPROVED:12/20/04											
				COMMENT:CHG HYPHEN															
				FEE TYPE:1 \$547.00 BUDGET:069393 REV OBJ CD:943081															
ESRM 495	SENIOR PROJECT Senior Project	WIN/2010 - AUT/9999	5.0	.	.	22	.	.	.	.	.	.	.	.	.	.	.	.
				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	.	.	.	.	.	.	.	.	.	.	.	.
				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															

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,021

COLLEGE : D - Environment
 DEPARTMENT: ENVIR & FOREST SCIENCES

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		E	U N E	P & N		C M S N	L I	E C Q T				
SEFS 512	BIOGEO CYCLES SOIL Biogeochemical Cycling in Soils and Forest Ecosystems	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/14/11		APPROVED: 6/20/94											
COMMENT:WAS CFR 512																	
SEFS 513	ADV SOIL GENESIS CL Advanced Soil Genesis and Classification	AUT/2012 - AUT/9999	5.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/19/12		FEE TYPE:1 \$173.00 BUDGET:069393 REV OBJ CD:943081											
COMMENT:WAS CFR 513																	
SEFS 514	ADV F SOIL FERT&CHM Advanced Forest Soil Fertility and Chemistry	AUT/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/14/11		APPROVED: 5/01/86											
COMMENT:WAS CFR 514																	
SEFS 515	ADV SOIL,PLT ANLYS Advanced Soil and Plant Analysis	SPR/2014 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/09/14		APPROVED:12/07/89		FEE TYPE:1 \$85.00 BUDGET:069393 REV OBJ CD:943081									
COMMENT:CHG FEE																	
SEFS 519	SUSTAIN RESEARCH Conducting Financial, Environmental, and Social Responsibility Performance Research	AUT/2012 - AUT/9999	3.0	12.0	.	.	.	Y	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/19/12		FEE TYPE:1 \$50.00 BUDGET:069393 REV OBJ CD:943081											
COMMENT:WAS CFR 519																	
SEFS 520	GEOG INFO SYSTEMS Geographic Information Systems in Forest Resources	AUT/2012 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/14/11		APPROVED: 4/28/06											
COMMENT:WAS CFR 520																	
SEFS 521	CURR TOPICS FOR RES Current Topics in Forest Resources	AUT/2012 - AUT/9999	2.0-05.0	10.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/10/14													
COMMENT:WAS CFR 521, 3-10-14 RMV FEE																	
SEFS 522	PLANT-MICROBE INTRCT Plant-Microbe Interactions	AUT/2012 - AUT/9999	1.0	3.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/14/11		APPROVED: 1/24/07											
COMMENT:WAS CFR 522																	
SEFS 523	ENVIRO APPL PLANTS Environmental Applications of Plants: Bioenergy and Bioremediation	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/05/12		APPROVED: 6/15/10											
COMMENT:CHG TITLES																	

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		U N E	P & N	C M S N	A S	T P R G	P	S Y S	D H Y P H				M R E	A S	W T P R G
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													
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													

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,024

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 U	GRD	E	D	U N E	M R E	P & A	N C M S N	E C Q T	R					
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	
				LAST UPDT:12/14/11								COMMENT:WAS CFR 573						
SEFS 574	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						
SEFS 580	ADV URBAN ECOLOGY Advanced Urban Ecology	AUT/2014 - AUT/9999	5.0	SEFS 580	URBDP 548	.	
				LAST UPDT: 8/18/14				APPROVED:12/21/01				COMMENT:14-16 CHG JT STATUS						
SEFS 590	GRADUATE STUDIES Graduate Studies	AUT/2012 - AUT/9999	1.0-05.0	10.0	Y	
				LAST UPDT: 9/19/12				APPROVED: 3/29/93				COMMENT:WAS CFR 590						
				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	.	
				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	.	
				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	INDEPN DNT 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						

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 1,029

COLLEGE : D - Environment
 DEPARTMENT: MARINE & ENVIR AFFAIRS

COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F	V	L I	E E W	R	RESPONS	JOINT	O M I T
				-ALL U	GRD										E	U N E	P & N C M S N	C O U R S E	C O U R S E S
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								
SMEA 570	THESIS PRESENTATION Thesis Presentation	WIN/2012 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.
COMMENT:WAS SMA 570				LAST UPDT: 9/07/11		APPROVED: 2/25/02								

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

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 1,030

COLLEGE : D - Environment
DEPARTMENT: MARINE & ENVIR AFFAIRS

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	MAX	P	SYS	D				HYPH	M	R	E
SMEA 571	NON-THESIS SEMINAR Non-Thesis Seminar	SPR/2012 - AUT/9999	1.0													
				. CR/NC .		. . . . .			. . . . .		
				LAST UPDT: 2/29/12		APPROVED: 2/28/12										
SMEA 581	CASE STUDY METHODS Case Study Research: Design and Methods	WIN/2014 - AUT/9999	3.0										SMEA 581 FISH 581			
										
				LAST UPDT: 7/23/15		APPROVED:12/07/89										
				COMMENT:CHG TITLES, DESC												
SMEA 582	FISH MGMT CONTEMP FISHERY MANAGEMENT:CONTEMPORARY ISSUES	WIN/2012 - AUT/9999	5.0										SMEA 582 FISH 582			
										
				LAST UPDT: 9/07/11		APPROVED:12/07/89										
				COMMENT:WAS SMA 582												
SMEA 585	PNW CLIMATE IMPACTS Climate Impacts on the Pacific Northwest	WIN/2012 - AUT/9999	4.0										ATM S 585 ATM S 585			
										
				LAST UPDT: 9/07/11		APPROVED: 1/30/03							ENVIR 585 ESS 585			
				COMMENT:WAS SMA 585												
SMEA 591	MS IN COASTAL ZONE Marine Science in the Coastal Zone	WIN/2012 - AUT/9999	3.0										SMEA 591 OCEAN 591			
										
				LAST UPDT: 7/23/15		APPROVED:10/01/80										
				COMMENT:WAS SMA 591												
SMEA 600	INDEPN DNT STDY/RSCH Independent Study or Research	WIN/2012 - AUT/9999	0.0	999.0			11									
										
				LAST UPDT: 9/07/11		APPROVED: 6/28/73										
				COMMENT:WAS SMA 600												
SMEA 650	MAR&ENVIR CAPSTONE Marine and Environmental Affairs Capstone Project	AUT/2016 - AUT/9999	4.0-05.0	9.0												
										
				LAST UPDT: 1/25/16		APPROVED: 1/19/16										
SMEA 700	MASTERS THESIS Master's Thesis	WIN/2012 - AUT/9999	0.0	999.0			11									
										
				LAST UPDT: 9/07/11		APPROVED: 9/21/78										
				COMMENT:WAS SMA 700												