

DATE: 07-03-2017
TIME: 20:10:32

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
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COLLEGE : D - Environment
DEPARTMENT: OCEANOGRAPHY

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
OCEAN 100	EXPLORE UW OCEAN Explore Oceanography at UW	AUT/2010 - AUT/9999	1.0			CR/NC								
					LAST UPDT: 9/02/10 APPROVED: 5/20/08									
COMMENT:CHG DESC														
OCEAN 101	OCEANOGR PACIFIC NW Oceanography of the Pacific Northwest	SPR/2013 - AUT/9999	5.0					Y		Y				
					LAST UPDT: 4/16/13									
COMMENT:CHG TITLES					FEE TYPE:1 \$25.00 BUDGET:099670 REV OBJ CD:943081									
OCEAN 102	THE CHANGING OCEANS The Changing Oceans	SPR/2010 - AUT/9999	5.0							Y	Y			
					LAST UPDT: 2/10/10 APPROVED: 3/18/71									
COMMENT:MOVE COLLEGE														
OCEAN 115	INTRO ASTROBIOLOGY Astrobiology: Life in the Universe	SPR/2010 - AUT/9999	5.0							Y		ASTBIO115	ASTBIO115	
					LAST UPDT: 2/10/10 APPROVED: 2/27/04									
COMMENT:MOVE COLLEGE														
													ESS 115	
													ASTR 115	
													BIOL 114	
OCEAN 121	DEEP SEA VENTS Deep Sea Exploration: Submarine Volcanoes and Novel Life Forms	WIN/2011 - AUT/9999	2.0							Y				
					LAST UPDT:10/16/13 APPROVED:11/16/10									
OCEAN 200	INTRO OCEANOGRAPHY Introduction to Oceanography	SPR/2017 - AUT/9999	3.0							Y				
					LAST UPDT:12/16/16 APPROVED: 5/04/84									
OCEAN 201	INTRO OCEAN LAB Introduction to Oceanography Lab	SPR/2010 - AUT/9999	2.0					Y		Y				
					LAST UPDT: 7/23/15 APPROVED:12/16/08									
COMMENT:MOVE COLLEGE					FEE TYPE:1 \$25.00 BUDGET:750364 REV OBJ CD:943081									
OCEAN 210	INTEGRATIVE OCEANS Integrative Oceans	AUT/2014 - AUT/9999	4.0							Y				
					LAST UPDT: 3/19/14 APPROVED: 5/04/84									
COMMENT:CHG TITLES, DESC, CREDITS														
OCEAN 215	OCEAN DATA ANALYSIS Methods of Oceanographic Data Analysis	SPR/2015 - AUT/9999	4.0											
					LAST UPDT: 4/13/15 APPROVED: 2/17/15									

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COLLEGE : D - Environment
DEPARTMENT: OCEANOGRAPHY

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
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		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	SPEC TOPICS OCEAN Special Topics in Oceanography	WIN/2017 - AUT/9999		1.0-05.0	9.0	.	.	. . 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					.
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		FISH	270 MARBI0270		.
COMMENT:MOVE COLLEGE					LAST UPDT: 7/23/15 APPROVED:12/16/14									
OCEAN 285	FLUID MECH & WAVES Physics Across Oceanography: Fluid Mechanics and Waves	WIN/2016 - AUT/9999		3.0	.	.	.	. . Y	. . Y					.
COMMENT:MOVE COLLEGE					LAST UPDT: 7/18/16 APPROVED:11/18/14 FEE TYPE:1 \$20.00 BUDGET:099670 REV OBJ CD:943081									

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CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D D S H F L I E E W -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										RESPONS COURSE	JOINT COURSES	O M I T
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	310	MAR GEO & GEOCHEM Marine Geology and Geochemistry	AUT/2017 - AUT/9999	5.0		.	.	.	.	.	.	.	Y	.	.	.		.
						LAST UPDT: 4/04/17 APPROVED: 3/21/17												
OCEAN	320	COASTAL OCEAN Coastal Oceanography	WIN/2017 - AUT/9999	5.0		.	.	.	.	.	.	.	Y	.	.	.		.
						LAST UPDT:10/25/16 APPROVED: 1/19/16												
OCEAN	330	MARINE BIOGEOCHEM Marine Biogeochemical Cycles	WIN/2016 - AUT/9999	5.0		.	.	.	.	.	.	.	Y	.	.	.		.
						LAST UPDT:11/20/15 APPROVED:11/17/15												
OCEAN	340	INTERDISC TPC OCEAN Interdisciplinary Topics in Oceanography	WIN/2017 - AUT/9999	1.0-05.0		.	.	.	.	.	.	.	Y	.	.	.		.
						LAST UPDT:10/25/16 APPROVED:10/18/16												
OCEAN	350	STR & PRCS MAR ORG STRUCTURE AND PROESS IN MARINE ORGANISMS	SPR/2010 - AUT/9999	3.0		.	.	.	.	.	.	.	Y	.	.	.		.
						LAST UPDT:10/07/13 APPROVED: 1/31/05												
						COMMENT:MOVE COLLEGE												
OCEAN	351	FND OCEAN SENSORS Foundations of Ocean Sensors	WIN/2016 - AUT/9999	3.0		.	.	.	.	Y	.	.	Y	.	.	Y		.
						LAST UPDT: 6/09/16 FEE TYPE:1 \$75.00 BUDGET:099670 REV OBJ CD:943081												
OCEAN	355	BIG BANG-BLU PLANET From Big Bang to the Blue Planet	SPR/2010 - AUT/9999	3.0		.	.	.	.	.	.	.	Y	.	.	.		.
						LAST UPDT: 2/10/10 APPROVED: 9/16/08												
						COMMENT:MOVE COLLEGE												

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q T N C M S N	RESPONS COURSE	JOINT COURSES	O M I T
OCEAN 361	OC TECH I SENSORS Ocean Technology I: Introduction to Underwater Observational Sensor Design and Build	SPR/2015 - AUT/9999	2.0		.	.	.	.	.	Y			.
LAST UPDT: 2/18/15 APPROVED: 2/17/15													
OCEAN 365	SUSTAINABILITY SCI Practicing Sustainability Science	SPR/2010 - AUT/9999	8.0		.	.	.	.	.	Y Y			.
LAST UPDT: 2/10/10 APPROVED: 6/13/06													
COMMENT:MOVE COLLEGE													
OCEAN 370	MARINE EVOLN BIOL Marine Evolutionary Biology	SPR/2015 - AUT/9999	5.0		.	.	.	.	.	Y	FISH 370	MARBI0370	.
LAST UPDT: 7/23/15 APPROVED:12/16/14													
FISH 370													
OCEAN 400	CHEMICAL OCEAN Chemical Oceanography	SPR/2010 - AUT/9999	4.0		.	.	.	.	.	Y			.
LAST UPDT: 2/10/10													
COMMENT:MOVE COLLEGE													
OCEAN 401	SPEC TOP CHEM OCEAN Special Topics in Chemical Oceanography	SPR/2010 - AUT/9999	3.0		.	.	.	.	.	Y			.
LAST UPDT: 2/10/10 APPROVED: 3/28/01													
COMMENT:MOVE COLLEGE													
OCEAN 409	MARINE POLLUTION Marine Pollution	WIN/2015 - SUM/2017	3.0		.	.	.	.	.	Y Y			.
LAST UPDT: 6/14/17 APPROVED:11/18/14													
OCEAN 409	MARINE POLLUTION Marine Pollution	AUT/2017 - AUT/9999	3.0		.	.	.	.	.	Y Y			.
LAST UPDT: 6/14/17 APPROVED:11/18/14													
OCEAN 410	MAR GEOL AND GEOPHY Marine Geology and Geophysics	AUT/2010 - AUT/9999	4.0		.	.	.	Y	.	Y	OCEAN 410	ESS 410	.
LAST UPDT: 7/23/15													
COMMENT:CHG PREQ, DESC FEE TYPE:1 \$50.00 BUDGET:099670 REV OBJ CD:943081													
OCEAN 411	SPEC TOP GEO/GPHYS Special Topics in Marine Geology and Geophysics	SUM/2011 - AUT/9999	3.0		.	.	.	.	.	Y			.
LAST UPDT: 3/29/11 APPROVED: 3/28/01													
COMMENT:UWCR COMMITTE REMOVE QSR													
OCEAN 412	SEIS EXPLR & STRAT Seismic Exploration and Stratigraphy	SPR/2017 - AUT/9999	5.0		.	.	.	.	.	Y	ESS 467	ESS 467	.
LAST UPDT: 1/12/17 APPROVED:12/01/89													

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P	GRD SYS	D E D	HYPH	S U M	H N R	F E E	V L I P A	E E C C M S N	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
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													
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	SPR/2017 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT:12/16/16 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													
					FEE TYPE:1 \$500.00 BUDGET:099670 REV OBJ CD:943081													

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DEPARTMENT : OCEANOGRAPHY										V L P A	E I N S W T	E E C M S P R G	R Q T N			O M I T
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P	GRD SYS	D E HYPH	S H F U N E M R E		L I P A	E I N S W T	E E C M S P R G	R Q T N	RESPONS COURSE	JOINT COURSES	
OCEAN 450	CLIMATIC EXTREMES Climatic Extremes	SPR/2010 - AUT/9999	4.0	.	.			. . .		. . Y						.
				LAST UPDT:		2/10/10		APPROVED:		4/25/01						
COMMENT:MOVE COLLEGE																
OCEAN 451	FLUID DYAMICS LAB FLUID DYNAMICS LABORATORY	SPR/2010 - AUT/9999	4.0	.	.			. . .		. . Y						.
				LAST UPDT:		2/10/10		APPROVED:		3/28/01						
COMMENT:MOVE COLLEGE																
OCEAN 452	SPATIAL INFO TECH Spatial Information Technology in Ecosystem Sciences	SPR/2010 - SUM/2017	3.0	.	.			. . .		. . Y				OCEAN 452 FISH 452	.	
				LAST UPDT:		4/25/17		APPROVED:		3/28/01						
OCEAN 452	MARINE GIS Marine Geospatial Information Science	AUT/2017 - AUT/9999	3.0	.	.			. . .		. . Y				OCEAN 452 FISH 452	.	
				LAST UPDT:		4/25/17		APPROVED:		3/28/01						
OCEAN 453	GEOSPTL PTTRN 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						
COMMENT:RECREATED OCEAN 452 WITH CHGS																
OCEAN 454	HYDROTHERMAL Hydrothermal Systems: An Interdisciplinary View	SPR/2010 - AUT/9999	3.0	.	.			. . .		. . Y						.
				LAST UPDT:		9/16/10		APPROVED:		1/25/06						
COMMENT:MOVE COLLEGE																
OCEAN 455	OCEAN MODELING Introduction to Modeling in Oceanography	AUT/2011 - AUT/9999	3.0	.	.			. . .		. . Y	. . Y .					.
				LAST UPDT:		10/19/10		APPROVED:		10/19/10						
OCEAN 460	MAR FIELD RESEARCH Marine Field Research	AUT/2012 - AUT/9999	10.0	.	.			. . .		. . Y	. . Y .					.
				LAST UPDT:		5/16/12		APPROVED:		6/13/06						
COMMENT:WAS OCEAN 360																
OCEAN 461	ADV OCN TECH MGMNT Advanced Ocean Technology - Project Design and Management	SPR/2015 - AUT/9999	2.0	.	.			. . .		. . Y						.
				LAST UPDT:		2/18/15		APPROVED:		2/17/15						
OCEAN 475	CLMT SCI RSRCH SMNR Current Research in Climate Science Seminar	AUT/2011- AUT/9999	3.0	6.0	.	.		. . .						OCEAN 475 ATM S 475	.	
				LAST UPDT:		1/26/11		APPROVED:		1/18/11						
				ESS 475												

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L E C M S N	W Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
OCEAN 477	MARINE BIOL SEMINAR Seminar in Marine Biology	WIN/2011 -	AUT/9999	3.0	.	.	.	.	.	Y	.	OCEAN 477 BIOL	477	.
LAST UPDT: 2/14/11 APPROVED: 9/22/10 FISH 477														
OCEAN 479	MARINE BIO RESEARCH Research in Marine Biology	SPR/2010 -	AUT/9999	1.0-15.0	15.0	.	.	.	Y	.	.	FISH 479 BIOL	479	.
LAST UPDT: 7/23/15 APPROVED:10/21/08 FISH 479														
COMMENT:MOVE COLLEGE FEE TYPE:1 \$90.00 BUDGET:029357 REV OBJ CD:943081														
OCEAN 481	PUGET SOUND OCEANOGRAPHY Puget Sound and Estuarine Oceanography	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
LAST UPDT: 4/20/11 APPROVED: 4/19/11														
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:12/09/16 APPROVED: 8/23/07														
COMMENT:MOVE COLLEGE FEE TYPE:1 \$175.00 BUDGET:099147 REV OBJ CD:943081														
OCEAN 494	FIELD EXP: OCEAN Field Experiences in Marine Science	SPR/2010 -	AUT/9999	1.0-15.0	30.0	.	.	.	.	Y	.	.	.	.
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														

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C N C M S	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
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									
OCEAN 502	SPATIAL INFO TECH Spatial Information Technology in Ecosystem Sciences	AUT/2010 -	SUM/2017	3.0	.	.	.	.	.	.	.	OCEAN 502 FISH	502	.
					LAST UPDT: 4/25/17 APPROVED:10/20/09									
OCEAN 502	MARINE GIS Marine Geospatial Information Science	AUT/2017 -	AUT/9999	3.0	.	.	.	.	.	.	.	OCEAN 502 FISH	502	.
					LAST UPDT: 4/25/17 APPROVED:10/20/09									
OCEAN 503	GEOSPTL 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 OCEANOGRAPHY 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									

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U	GRD SYS	D E	S H F U N E M R E	V L I P & N	E E L C M S	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T	
OCEAN 511	FLUID DYNAMICS Introduction to Fluid Dynamics	AUT/2013	- AUT/9999	4.0	.	.	.	.	.	.	.	AMATH 505	ATM S 505	.	
COMMENT:EMAIL PREQ CHG					LAST UPDT: 3/21/16					APPROVED:10/05/92					AMATH 505
OCEAN 512	GEOPHYS FLUID DYN I Geophysical Fluid Dynamics I	SPR/2010	- AUT/9999	4.0	.	.	.	.	.	.	.	OCEAN 512	ATM S 509	.	
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10					APPROVED: 6/01/85					
OCEAN 513	GEOPHY FLUID DYN II Geophysical Fluid Dynamics II	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.			.	
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10					APPROVED: 9/18/85					
OCEAN 514	WAVES Waves	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.			.	
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10										
OCEAN 515	OCEAN CIRC OBSERVTN Ocean Circulation: Observations	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.			.	
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10					APPROVED: 9/18/85					
OCEAN 516	OCEAN CIRC THEORIES OCEAN CIRCULATION: THEORIES	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.			.	
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10										
OCEAN 517	METH IN PHYS OCEAN Methods and Measurements in Physical Oceanography	WIN/2012	- AUT/9999	3.0	.	.	.	.	.	.	.			.	
COMMENT:CHG CREDITS					LAST UPDT:12/19/11					APPROVED: 9/18/85					
OCEAN 518	SCIENTIFIC WRITING Scientific Writing and Graphics	AUT/2013	- AUT/9999	2.0	.	CR/NC	.	.	.	.	.	ESS 519	ATM S 519	.	
					LAST UPDT: 3/21/13					APPROVED: 3/19/13					ESS 519
OCEAN 519	SMNR PHYSICAL OCEAN SEMINAR IN PHYSICAL OCEANOGRAPHY	SPR/2010	- AUT/9999	1.0	9.0	Y	.	.	.	.	.			.	
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10										

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L E C M S N T P R G	RESPONS COURSE	JOINT COURSES	O M I T
OCEAN 520	MARINE CHEMISTRY Marine Chemistry	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED: 9/15/82						
COMMENT:MOVE COLLEGE													
OCEAN 521	AQUATIC CHEMISTRY Aquatic Chemistry	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED:10/11/73						
COMMENT:MOVE COLLEGE													
OCEAN 522	MARINE ORG GEOCHEM Marine Organic Geochemistry	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED: 6/29/78						
COMMENT:MOVE COLLEGE													
OCEAN 523	GEOCHEMICAL CYCLES Geochemical Cycles	SPR/2010 -	AUT/9999	4.0	.	.	.	.	.	.	.	OCEAN 523 CHEM 523	.
					LAST UPDT: 2/10/10		APPROVED:12/20/99		ATM S 508				
COMMENT:MOVE COLLEGE													
OCEAN 529	SMNR IN CHEM OCEAN Seminar on Chemical Oceanography	AUT/2011 -	AUT/9999	0.0	30.0 Y	.	.	.	.	.	.	.	.
					LAST UPDT: 9/19/11								
COMMENT:CHG MAX CREDITS													
OCEAN 530	MAR BACTRA &VIRUSES Marine Bacteria, Archaea, and Viruses	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/14/11		APPROVED: 9/18/85						
COMMENT:CHG TITLES, DESC													
OCEAN 531	MAR PHYTO BIOGEOCHEM Marine Phytoplankton and Biogeochemistry	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/14/11		APPROVED: 9/18/85						
COMMENT:CHG TITLES, DESC													
OCEAN 532	MAR ZOOPLNKTN ECOL Marine Zooplankton Ecology	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/14/11		APPROVED: 9/18/85						
COMMENT:CHG TITLES, DESC													
OCEAN 533	MAR BENTHIC ECOLOGY Marine Benthic Ecology	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/14/11		APPROVED: 9/18/85						
COMMENT:CHG TITLES, DESC													

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD SYS	D E HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
OCEAN 535	BIOL OCEANOGRAPHY Biological Oceanography	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:CHG TITLES, DESC					LAST UPDT: 3/14/11 APPROVED: 9/18/85									
OCEAN 536	GEOSTAT SEM SEMINAR IN GEOSTATISTICS	SPR/2010 -	AUT/9999	1.0-03.0	3.0	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 3/01/75									
OCEAN 539	SMNR IN BIOL OCEAN Seminar in Biological Oceanography	AUT/2011 -	AUT/9999	0.0	30.0	Y	.	.	.	.	.	.	.	.
COMMENT:CHG MAX CREDITS					LAST UPDT: 9/19/11 APPROVED: 9/18/85									
OCEAN 540	MAR GEOL & GEOPHYS Marine Geology and Geophysics Processes	WIN/2011 -	AUT/9999	3.0	.	.	.	Y	.	.	.	.	.	.
COMMENT:CHG TITLES, DESC					LAST UPDT:12/21/16 APPROVED: 1/28/82									
					FEE TYPE:1 \$50.00 BUDGET:099670 REV OBJ CD:943081									
OCEAN 541	MAR SEDIMENT PROC Marine Sedimentary Processes	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/21/95									
OCEAN 542	SED DYN AND PHYSICS Sediment Dynamics and Boundary-Layer Physics	AUT/2013 -	AUT/9999	4.0	.	.	.	.	.	.	.	OCEAN 542 ESS	542	.
COMMENT:CHG JT					LAST UPDT: 6/05/13 APPROVED: 6/27/01									
OCEAN 544	MARINE HYDROGEOLOGY Subseafloor Hydrogeology and Geochemistry	SPR/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/29/12 APPROVED: 2/28/12									
OCEAN 545	OCEANIC LITHOSPHERE Oceanic Lithosphere	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	OCEAN 545 ESS	568	.
COMMENT:CHG TITLES, PREQ, DESC					LAST UPDT: 4/18/11 APPROVED: 2/21/95									
OCEAN 546	CONTINENT-MARG SED Continental-Margin Sedimentation	WIN/2014 -	AUT/9999	3.0	.	.	.	.	.	.	.	OCEAN 546 ESS	546	.
COMMENT:CHG JT COURSE					LAST UPDT:11/20/13 APPROVED:11/21/05									

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L C Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
OCEAN 549	SMNR GEO/GPHY OCEAN Seminar in Geological and Geophysical Oceanography	AUT/2011 - AUT/9999	0.0	30.0 Y	.	.	.	.	.	.	.	.	.
COMMENT:CHG MAX CREDITS					LAST UPDT: 9/19/11								
OCEAN 550	GEO MELT GENERATION Geochemistry and Geophysics of Melt Generation	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/21/95								
OCEAN 551	MARINE SEISMOLOGY MARINE SEISMOLOGY	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/21/95								
OCEAN 552	MG&G DATA ANALYSIS Seminar in Geophysics and Geological Data Analysis	SPR/2010 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/21/95								
OCEAN 554	PALEOCLIMAT PROXIES Paleoclimate Proxies	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	ATM S 554	ATM S 554	.
					LAST UPDT: 1/11/10 APPROVED:12/16/08								
OCEAN 558	CLIMATE MODELING Climate Modeling	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	ATM S 559	ESS 559	.
COMMENT:MOVE COLLEGE					LAST UPDT: 3/21/16 APPROVED: 6/20/07								
OCEAN 559	ADV MOR PROCESSES Advanced Seminar on Mid-Ocean Ridge Processes	SPR/2010 - AUT/9999	0.0	9.0 Y	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 5/25/12								
OCEAN 560	ATM0/OCEAN INTERACT Atmosphere/Ocean Interactions	SPR/2010 - AUT/9999	3.0	.	CR/NC	.	.	.	.	.	ATM S 560	ATM S 560	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED:12/31/96								
OCEAN 569	TPCS PHYSICAL OCEAN Topics in Physical Oceanography	AUT/2011 - AUT/9999	1.0-04.0	30.0 Y	.	.	.	.	.	.	.	.	.
COMMENT:CHG MAX CREDITS					LAST UPDT: 9/19/11								

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OCEAN 570	MAR MICRO INTERACTN Marine Microbial Interactions	AUT/2011 -	AUT/9999	1.0-03.0	9.0 .	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/14/11		APPROVED: 9/18/85							
COMMENT:CHG DESC														
OCEAN 572	MAR PROTIST ECOLOGY Marine Protist Ecology	AUT/2011 -	AUT/9999	1.0-03.0	9.0 .	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/14/11		APPROVED: 9/18/85							
COMMENT:CHG TITLE, DESC														
OCEAN 578	ADV BIOL OCEAN Advanced Topics in Biological Oceanography	SPR/2010 -	AUT/9999	0.0	18.0 Y	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED:10/25/84							
COMMENT:MOVE COLLEGE														
OCEAN 580	AQUATIC KINETICS Aquatic Kinetics	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED:10/11/73							
COMMENT:MOVE COLLEGE														
OCEAN 581	GEOCHEM MODELING GEOCHEMICAL MODELING	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED: 2/03/92							
COMMENT:MOVE COLLEGE														
OCEAN 582	RIVER BIOGEOCHEM River Basin Biogeochemistry	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED: 2/03/92							
COMMENT:MOVE COLLEGE														
OCEAN 583	ISOTOPE BIOGEOCHEM Isotope Biogeochemistry	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED: 2/03/92							
COMMENT:MOVE COLLEGE														
OCEAN 584	OCEAN TRACERS/MIXING Ocean Tracers and Mixing	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED: 5/22/80							
COMMENT:MOVE COLLEGE														
OCEAN 585	PALEOCEANOGRAPHY PALEOCEANOGRAPHY	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10		APPROVED: 2/03/92							
COMMENT:MOVE COLLEGE														

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COURSE					OVER D	D	S H F	V	E E W						
CURRIC	NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER	ALL U	GRD	U N E	L I	L E C	Q T	RESPONS	JOINT	M	
					CREDITS	MAX	SYS	D HYPH	P & N	C M S	N	COURSE	COURSES	I	
									A S	W T P	R G			T	
OCEAN	586	CLIMATE SEMINAR Current Research in Climate Change	SPR/2010 - AUT/9999	2.0	20.0	.	CR/NC	.	.	.	.	ESS	586	ESS	586
		COMMENT:MOVE COLLEGE				LAST	UPDT: 2/10/10	APPROVED: 2/25/02					ATM S	586	
OCEAN	587	FUND CLIMATE CHANGE Fundamentals of Climate Change	AUT/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	ESS	587	ESS	587
		COMMENT:CHG TITLES, DESC				LAST	UPDT: 3/21/13	APPROVED: 2/25/02					ATM S	587	
OCEAN	588	CARBON AND CLIMATE The Global Carbon Cycle and Climate	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	OCEAN	588	ESS	588
		COMMENT:MOVE COLLEGE				LAST	UPDT: 2/10/10	APPROVED: 2/25/02					ATM S	588	
OCEAN	589	PALEOCLIMATOLOGY Paleoclimatology: Data, Modeling and Theory	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	ESS	589	ATM S	589
		COMMENT:MOVE COLLEGE				LAST	UPDT: 2/10/10	APPROVED: 2/25/02					ESS	589	
OCEAN	590	ADV TOPICS IN OCEAN Advanced Topics in Oceanography	SPR/2010 - AUT/9999	9.0-18.0	18.0	Y	.	.	.	.	.				
		COMMENT:MOVE COLLEGE				LAST	UPDT: 2/10/10	APPROVED: 2/21/95							
OCEAN	591	MS IN COASTAL ZONE Marine Science in the Coastal Zone	WIN/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	SMEA	591	SMEA	591
		COMMENT:CHG JT STATUS				LAST	UPDT: 7/23/15	APPROVED:10/01/80							
OCEAN	592	COM OCEAN SCIENCES Communicating Ocean Sciences	SPR/2010 - AUT/9999	4.0	.	.	.	.	.	.	.				
		COMMENT:MOVE COLLEGE				LAST	UPDT: 2/10/10	APPROVED:12/13/06							
OCEAN	593	CLIMATE SEMINAR Climate Science Seminar	SPR/2010 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	ATM S	593	ATM S	593
		COMMENT:MOVE COLLEGE				LAST	UPDT: 2/10/10	APPROVED:12/16/08					ESS	593	
OCEAN	596	CLIMATE CAPSTONE Climate Science Capstone Project	SPR/2010 - AUT/9999	1.0-05.0	5.0	.	.	.	.	.	.	ATM S	596	ATM S	596
		COMMENT:MOVE COLLEGE				LAST	UPDT: 2/10/10	APPROVED:12/16/08					ESS	596	

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OCEAN 600	INDEPN DNT STDY/RSCH Independent Study or Research	SPR/2010	- AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.
					LAST UPDT: 4/19/10									
					COMMENT:MOVE COLLEGE									
OCEAN 700	MASTERS THESIS Master's Thesis	SPR/2010	- AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.
					LAST UPDT: 4/19/10									
					COMMENT:MOVE COLLEGE									
OCEAN 800	DOCTORAL DISSERTATN Doctoral Dissertation	SPR/2010	- AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 1/01/70									
					COMMENT:MOVE COLLEGE									