

DATE: 09-17-2013
TIME: 20:10:05

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

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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 D 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 Q S N 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									
					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									
					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:11/16/10 APPROVED:11/16/10									
OCEAN 122	ARCTIC CHANGE ARCTIC CHANGE	SPR/2011 -	AUT/9999	2.0	.	.	.	.	.	Y	Y	.	.	.
					LAST UPDT: 3/07/11 APPROVED: 2/15/11									
OCEAN 200	INTRO OCEANOGRAPHY INTRODUCTION TO OCEANOGRAPHY	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 2/10/10 APPROVED: 5/04/84									
COMMENT:MOVE COLLEGE														
OCEAN 201	INTRO OCEAN LAB INTRODUCTION TO OCEANOGRAPHY LAB	SPR/2010 -	AUT/9999	2.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT:10/29/10 APPROVED:12/16/08									
					FEE TYPE:1 \$25.00 BUDGET:750364 REV OBJ CD:943081									
OCEAN 210	OCEAN CIRCULATION OCEAN CIRCULATION	AUT/2010 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 5/10/10 APPROVED: 5/04/84									
COMMENT:EMAIL PREQ CHG														

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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 220	INTRO FIELD OCEAN INTRODUCTION TO FIELD	SPR/2011 - AUT/9999	OCEANOGRAPHY	3.0-05.0	.	.	.	. . Y	. . Y	. . . Y	.			.
COMMENT:CHG DESC					LAST UPDT:12/20/10 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: 2/10/10 APPROVED: 4/28/03 FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081									
OCEAN 240	ISSUES IN OCEAN CONTEMPORARY ISSUES IN OCEANOGRAPHY	SPR/2010 - AUT/9999		1.0-05.0	9.0 .	.	.	. . Y	. . Y					.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/06/12 APPROVED: 9/17/96 FEE TYPE:1 \$50.00 BUDGET:069670 REV OBJ CD:943081									
OCEAN 250	MARINE BIOLOGY MARINE BIOLOGY	SPR/2010 - AUT/9999		3.0-05.0	5.0 .	.	.	. . Y	. Y Y		FISH	250 FISH	250	.
COMMENT:MOVE COLLEGE					LAST UPDT: 5/23/12 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 300	MARINE STUDY ABROAD STUDY ABROAD MARINE SCIENCES	SPR/2010 - AUT/9999		1.0-12.0	12.0 .	.	.	. . .						.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 3/25/02									
OCEAN 350	STR & PRCS MAR ORG STRUCTURE AND PROCOESS IN MARINE ORGANISMS	SPR/2010 - AUT/9999		3.0	.	.	.	. . .	. . Y		FISH	350 FISH	350	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 1/31/05									
OCEAN 355	BIG BANG-BLU PLANET FROM BIG BANG TO THE BLUE PLANET	SPR/2010 - AUT/9999		3.0	.	.	.	. . .	. . Y					.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 9/16/08									
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									

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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 410	MAR GEOL AND GEOPHY MARINE GEOLOGY AND GEOPHYSICS	AUT/2010	- AUT/9999	4.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 3/15/12									
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 EXPLO & STRAT SEISMIC EXPLORATION AND STRATIGRAPHY	SPR/2010	- AUT/9999	5.0	.	.	.	.	.	.	.	ESS	467 ESS	467
					LAST UPDT: 2/10/10 APPROVED: 9/15/09									
OCEAN 420	PHYS PROC OCEAN PHYSICAL PROCESSES IN THE OCEAN	SPR/2010	- AUT/2013	4.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 6/05/13 APPROVED: 2/21/01									
COMMENT:MOVE COLLEGE														
OCEAN 420	PHYS PROC OCEAN PHYSICAL PROCESSES IN THE OCEAN	WIN/2014	- AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 6/05/13 APPROVED: 2/21/01									
COMMENT:CHG PREQ														
OCEAN 421	SPEC TOP PHYS OCEAN SPECIAL TOPICS IN PHYSICAL OCEANOGRAPHY	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 2/10/10 APPROVED: 3/28/01									
COMMENT:MOVE COLLEGE														
OCEAN 422	OCEAN DYNAMICS OCEAN DYNAMICS	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 2/10/10 APPROVED: 3/28/01									
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 M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
OCEAN 423	OCEAN CIRC & CLIMATE OCEAN CIRCULATION AND CLIMATE	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 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:11/06/12 APPROVED:10/16/12					FEE TYPE:1 \$50.00 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									
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									
OCEAN 451	FLUID DYAMICS LAB FLUID DYNAMICS LABORATORY	SPR/2010	- AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.
COMMENT:MOVE COLLEGE					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									

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CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D D S H F V L 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	453	GEOSP TL PTRN ANLYS GEOSPATIAL PATTERN ANALYSIS AND GEOSTATISTICS	SPR/2010 - AUT/9999		3.0	.	.	.	.	.	.	Y	.	.	.	OCEAN 453 FISH	453	.
COMMENT:RECREATED OCEAN 452 WITH CHGS						LAST UPDT: 2/10/10 APPROVED: 3/28/01												
OCEAN	454	HYDROTHERMAL HYDROTHERMAL SYSTEMS: AN INTERDISCIPLINARY VIEW	SPR/2010 - AUT/9999		3.0	.	.	.	.	.	.	Y	.	.	.			.
COMMENT:MOVE COLLEGE						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	.			.
COMMENT:WAS OCEAN 360						LAST UPDT: 5/16/12 APPROVED: 6/13/06												
OCEAN	475	CLMT SCI RSRCH SMNR CURRENT RESEARCH IN CLIMATE SCIENCE SEMINAR	AUT/2011 - AUT/9999		3.0	6.0	.	.	.	.	.	.	.	.	.	OCEAN 475 ATM S	475	.
						LAST UPDT: 1/26/11 APPROVED: 1/18/11										ESS	475	
OCEAN	477	MARINE BIOL SEMINAR SEMINAR IN MARINE BIOLOGY	WIN/2011 - AUT/9999		3.0	.	.	.	.	.	.	Y	.	.	.	OCEAN 477 BIOL	477	.
						LAST UPDT: 2/14/11 APPROVED: 9/22/10										FISH	477	
OCEAN	479	MARINE BIO RESEARCH RESEARCH IN MARINE BIOLOGY	SPR/2010 - AUT/9999	1.0-15.0	15.0	.	.	.	.	Y	.	.	.	.	.	FISH 479 BIOL	479	.
COMMENT:MOVE COLLEGE						LAST UPDT: 6/06/12 APPROVED:10/21/08										FISH	479	
						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: AN INTERDISCIPLINARY PERSPECTIVE	WIN/2013 - AUT/9999		3.0	.	.	.	.	.	.	Y	.	.	.			.
						LAST UPDT:11/07/12 APPROVED:10/16/12												
OCEAN	492	APPRENTICE: OCEAN FRIDAY HARBOR APPRENTICESHIP	SPR/2010 - AUT/9999	9.0-15.0		.	.	.	.	.	.	Y	.	.	.			.
COMMENT:MOVE COLLEGE						LAST UPDT: 2/10/10 APPROVED: 8/23/07												

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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									
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	GEOSPTL PTRRN 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									

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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: AN INTERDISCIPLINARY PERSPECTIVE	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	SPR/2010 -	SUM/2013	4.0	.	.	.	.	.	.	.	AMATH 505	AMATH 505	.
					LAST UPDT: 8/08/13		APPROVED:11/25/85		ATM S		505			
COMMENT:MOVE COLLEGE														
OCEAN 511	FLUID DYNAMICS INTRODUCTION TO FLUID DYNAMICS	AUT/2013 -	AUT/9999	4.0	.	.	.	.	.	.	.	AMATH 505	AMATH 505	.
					LAST UPDT: 8/08/13		APPROVED:11/25/85		ATM S		505			
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														
OCEAN 514	WAVES WAVES	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 2/10/10									
COMMENT:MOVE COLLEGE														

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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									
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									
OCEAN 520	MARINE CHEMISTRY MARINE CHEMISTRY	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 9/15/82									
OCEAN 521	AQUATIC CHEMISTRY AQUATIC CHEMISTRY	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED:10/11/73									
OCEAN 522	MARINE ORG GEOCHEM MARINE ORGANIC GEOCHEMISTRY	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 6/29/78									
OCEAN 523	GEOCHEMICAL CYCLES GEOCHEMICAL CYCLES	SPR/2010 -	AUT/9999	4.0	.	.	.	.	.	.	.	OCEAN 523 CHEM	523	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED:12/20/99									
														ATM S 508

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COURSE					OVER	D	D	S	H	F	L	I	E	C	Q	T	R	M									
CURRIC	NUM	TITLE	EFFECTIVE	QUARTERS	MAX	P	GRD	U	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	RESPONS	JOINT	COURSE	COURSES	I	T
OCEAN	529	SMNR IN CHEM OCEAN SEMINAR ON CHEMICAL OCEANOGRAPHY	AUT/2011 - AUT/9999	0.0	30.0	Y		.				.	.	.	.	.	.	.	.	.	.					.	
COMMENT:CHG MAX CREDITS					LAST UPDT: 9/19/11																						
OCEAN	530	MAR BACTRA &VIRUSES MARINE BACTERIA, ARCHAEA, AND VIRUSES	AUT/2011 - AUT/9999	3.0		.		.				.	.	.	.	.	.	.	.	.	.					.	
COMMENT:CHG TITLES, DESC					LAST UPDT: 3/14/11 APPROVED: 9/18/85																						
OCEAN	531	MAR PHYTO BIOGEOCHEM MARINE PHYTOPLANKTON AND BIOGEOCHEMISTRY	AUT/2011 - AUT/9999	3.0		.		.				.	.	.	.	.	.	.	.	.	.					.	
COMMENT:CHG TITLES, DESC					LAST UPDT: 3/14/11 APPROVED: 9/18/85																						
OCEAN	532	MAR ZOOPLNKTN ECOL MARINE ZOOPLANKTON ECOLOGY	AUT/2011 - AUT/9999	3.0		.		.				.	.	.	.	.	.	.	.	.	.					.	
COMMENT:CHG TITLES, DESC					LAST UPDT: 3/14/11 APPROVED: 9/18/85																						
OCEAN	533	MAR BENTHIC ECOLOGY MARINE BENTHIC ECOLOGY	AUT/2011 - AUT/9999	3.0		.		.				.	.	.	.	.	.	.	.	.	.					.	
COMMENT:CHG TITLES, DESC					LAST UPDT: 3/14/11 APPROVED: 9/18/85																						
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		.		.				.	.	.	.	.	.	.	.	.	.					.	
COMMENT:CHG TITLES, DESC					LAST UPDT:10/19/10 APPROVED: 1/28/82																						

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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	SPR/2010	- SUM/2013	4.0	.	.	.	.	.	.	.	OCEAN 542 ESS	526	.
COMMENT:MOVE COLLEGE					LAST UPDT: 6/05/13 APPROVED: 6/27/01									
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	SPR/2010	- AUT/9999	3.0	.	.	.	.	.	.	.	OCEAN 546 ESS	527	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED:11/21/05									
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									

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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									
					ESS 554									
OCEAN 558	CLIMATE MODELING CLIMATE MODELING	SPR/2010 - AUT/9999	3.0		.	.	.	.	.	.	.	ATM S 559	ATM S 559	.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED: 6/20/07									
					ESS 559									
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	ATMO/OCEAN INTERACT ATMOSPHERE/OCEAN INTERACTIONS	SPR/2010 - AUT/9999	3.0		.	CR/NC	.	.	.	.	.	ATM S 560	ATM S 560	.
					LAST UPDT: 2/10/10 APPROVED:12/31/96									
COMMENT:MOVE COLLEGE														
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									
OCEAN 570	MAR MICRO INTERACTN MARINE MICROBIAL INTERACTIONS	AUT/2011 - AUT/9999	1.0-03.0	9.0	.	.	.	.	.	.	.			.
COMMENT:CHG DESC					LAST UPDT: 3/14/11 APPROVED: 9/18/85									
OCEAN 572	MAR PROTIST ECOLOGY MARINE PROTIST ECOLOGY	AUT/2011 - AUT/9999	1.0-03.0	9.0	.	.	.	.	.	.	.			.
COMMENT:CHG TITLE, DESC					LAST UPDT: 3/14/11 APPROVED: 9/18/85									
OCEAN 578	ADV BIOL OCEAN ADVANCED TOPICS IN BIOLOGICAL OCEANOGRAPHY	SPR/2010 - AUT/9999	0.0		18.0 Y	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 2/10/10 APPROVED:10/25/84									

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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													
OCEAN 586	CLIMATE SEMINAR CURRENT RESEARCH IN CLIMATE CHANGE	SPR/2010	- AUT/9999	2.0	20.0	.	CR/NC	.	.	.	ESS	586 ESS	586
					LAST UPDT: 2/10/10		APPROVED: 2/25/02					ATM S	586
COMMENT:MOVE COLLEGE													
OCEAN 587	CLIMATE DYNAMICS CLIMATE DYNAMICS	SPR/2010	- SUM/2013	3.0	.	.	.	.	.	.	ESS	587 ESS	587
					LAST UPDT: 3/21/13		APPROVED: 2/25/02					ATM S	587
COMMENT:MOVE COLLEGE													
OCEAN 587	FUND CLIMATE CHANGE FUNDAMENTALS OF CLIMATE CHANGE	AUT/2013	- AUT/9999	3.0	.	.	.	.	.	.	ESS	587 ESS	587
					LAST UPDT: 3/21/13		APPROVED: 2/25/02					ATM S	587
COMMENT:CHG TITLES, DESC													

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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						RESPONS COURSE	JOINT COURSES	
OCEAN 588	CARBON AND CLIMATE THE GLOBAL CARBON CYCLE AND CLIMATE	SPR/2010 - AUT/9999	3.0	.	.			. . .	.	.	.	.	.	OCEAN 588 ESS	588	.
				LAST UPDT:		2/10/10		APPROVED:		2/25/02				ATM S		588
COMMENT:MOVE COLLEGE																
OCEAN 589	PALEOCLIMATOLOGY PALEOCLIMATOLOGY: DATA, MODELING AND THEORY	SPR/2010 - AUT/9999	3.0	.	.			. . .	.	.	.	.	.	ESS 589 ATM S	589	.
				LAST UPDT:		2/10/10		APPROVED:		2/25/02				ESS		589
COMMENT:MOVE COLLEGE																
OCEAN 590	ADV TOPICS IN OCEAN ADVANCED TOPICS IN OCEANOGRAPHY	SPR/2010 - AUT/9999	9.0-18.0	18.0 Y	.			. . .	.	.	.	.	.			.
				LAST UPDT:		2/10/10		APPROVED:		2/21/95						
COMMENT:MOVE COLLEGE																
OCEAN 591	MS IN COASTAL ZONE MARINE SCIENCE IN THE COASTAL ZONE	WIN/2012 - AUT/9999	3.0	.	.			. . .	.	.	.	.	.	SMEA 591 SMEA	591	.
				LAST UPDT:		9/07/11		APPROVED:		11/18/78						
COMMENT:CHG JT STATUS																
OCEAN 592	COM OCEAN SCIENCES COMMUNICATING OCEAN SCIENCES	SPR/2010 - AUT/9999	4.0	.	.			. . .	.	.	.	.	.			.
				LAST UPDT:		2/10/10		APPROVED:		12/13/06						
COMMENT:MOVE COLLEGE																
OCEAN 593	CLIMATE SEMINAR CLIMATE SCIENCE SEMINAR	SPR/2010 - AUT/9999	1.0	.	CR/NC	.		. . .	.	.	.	.	.	ATM S 593 ATM S	593	.
				LAST UPDT:		2/10/10		APPROVED:		12/16/08				ESS		593
COMMENT:MOVE COLLEGE																
OCEAN 596	CLIMATE CAPSTONE CLIMATE SCIENCE CAPSTONE PROJECT	SPR/2010 - AUT/9999	1.0-05.0	5.0 .	.			. . .	.	.	.	.	.	ATM S 596 ATM S	596	.
				LAST UPDT:		2/10/10		APPROVED:		12/16/08				ESS		596
COMMENT:MOVE COLLEGE																
OCEAN 600	INDEPNDNT 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																

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CURRIC	NUM				TITLE	-ALL		U	E	HYPH	U	N	E	L	I				L	C
					MAX	P	SYS	D	M	R	E	A	S	W	T	P	R	G	I	
OCEAN	800	DOCTORAL DISSERTATN	SPR/2010 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.	.	
																				.

DOCTORAL DISSERTATION

LAST UPDT: 4/19/10 APPROVED: 1/01/70

COMMENT:MOVE COLLEGE