

DATE: 01-22-2013
TIME: 20:10:31

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 J
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COLLEGE : D - Environment
DEPARTMENT: EARTH AND SPACE SCIENCES

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U	D GRD E	S H F U N E	V L P & N	E E W C M S N	RESPONS COURSE	JOINT COURSES	O M I T
ESS 100	DINOSAURS DINOSAURS	AUT/2009 -	AUT/9999	2.0	.	.	. . .	. . Y				.
					LAST UPDT: 8/12/09 APPROVED:12/01/85							
COMMENT:MOVE COLLEGE												
ESS 101	INTRO TO GEOL SCI INTRODUCTION TO GEOLOGICAL SCIENCES	AUT/2009 -	AUT/9999	5.0	.	.	. . Y	. . Y				.
					LAST UPDT: 8/06/12 APPROVED: 1/01/82							
					FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081							
COMMENT:MOVE COLLEGE												
ESS 102	SPACE&SPACE TRAVEL SPACE AND SPACE TRAVEL	AUT/2012 -	WIN/2016	5.0	.	.	. . Y	. Y Y				.
					LAST UPDT: 9/20/12							
					FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081							
COMMENT:INT DL, CHG DESC, ADD AOK												
ESS 102	SPACE&SPACE TRAVEL SPACE AND SPACE TRAVEL	SPR/2016 -	AUT/9999	5.0	.	.	. . Y	. Y Y				.
					LAST UPDT: 9/20/12							
					FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081							
COMMENT:END INTIAL DL												
ESS 103	MINERALS AND GEMS MINERALS AND GEMS	AUT/2009 -	AUT/9999	3.0	.	.	. . Y	. . Y				.
					LAST UPDT: 8/06/12 APPROVED: 9/24/01							
					FEE TYPE:1 \$11.00 BUDGET:069340 REV OBJ CD:943081							
COMMENT:MOVE COLLEGE												
ESS 104	PREHISTORIC LIFE PREHISTORIC LIFE	AUT/2009 -	AUT/9999	3.0	.	.	. . Y	. . Y				.
					LAST UPDT: 8/06/12 APPROVED: 1/30/03							
					FEE TYPE:1 \$10.00 BUDGET:069340 REV OBJ CD:943081							
COMMENT:MOVE COLLEGE												
ESS 105	PROCESSES & HAZARDS THE EARTH: ITS PROCESSES AND HAZARDS	AUT/2009 -	AUT/9999	5.0	.	.	. . Y	. . Y				.
					LAST UPDT: 8/06/12 APPROVED: 4/28/03							
					FEE TYPE:1 \$15.00 BUDGET:069340 REV OBJ CD:943081							
COMMENT:MOVE COLLEGE												
ESS 106	LIVING WITH VOLCANO LIVING WITH VOLCANOES	AUT/2009 -	AUT/9999	3.0	.	.	. . .	. Y Y				.
					LAST UPDT: 8/12/09 APPROVED: 4/28/03							
COMMENT:MOVE COLLEGE												
ESS 115	INTRO ASTROBIOLOGY ASTROBIOLOGY: LIFE IN THE UNIVERSE	SPR/2010 -	AUT/9999	5.0	.	.	. . .	. . Y		ASTBI0115	ASTBI0115	.
					LAST UPDT: 2/10/10 APPROVED: 2/27/04							
COMMENT:MOVE JT COLLEGE												
											OCEAN 115	
											ASTR 115	
											BIOL 114	

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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
ESS 119	ESS LAB TOURS INTRODUCTION TO LABORATORIES	SPR/2013	- AUT/9999	1.0	3.0	. CR/NC	.	.	.	.	.	.	.	.
					LAST UPDT: 1/16/13		APPROVED: 1/15/12							
ESS 201	EARTH CLIMATE THE EARTH SYSTEM AND CLIMATE	AUT/2009	- AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/12/09		APPROVED: 6/27/01							
					COMMENT:MOVE COLLEGE									
ESS 202	EARTHQUAKES EARTHQUAKES	AUT/2012	- AUT/9999	5.0	.	.	.	Y	.	Y	Y	.	.	.
					LAST UPDT: 9/18/12		APPROVED: 3/13/97							
					FEE TYPE:1 \$15.00 BUDGET:069340 REV OBJ CD:943081									
ESS 203	GLACIERS/GLBL CHNGE GLACIERS AND GLOBAL CHANGE	WIN/2013	- AUT/9999	5.0	.	.	.	Y	.	Y	Y	.	.	.
					LAST UPDT:12/11/12		APPROVED: 9/28/98							
					FEE TYPE:1 \$12.00 BUDGET:069340 REV OBJ CD:943081									
					COMMENT:CHG AOK, DESC									
ESS 205	ACCESS TO SPACE ACCESS TO SPACE	AUT/2009	- AUT/9999	5.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 8/06/12		APPROVED: 2/26/03							
					FEE TYPE:1 \$32.00 BUDGET:069340 REV OBJ CD:943081									
					COMMENT:MOVE COLLEGE									
ESS 209	INTERDISC FIELD SEM INTERDISCIPLINARY EARTH SCIENCES FIELD SEMINAR	AUT/2009	- AUT/9999	3.0-12.0	12.0	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/12/09		APPROVED: 7/13/05							
					COMMENT:MOVE COLLEGE									
ESS 210	PHYSICAL GEOLOGY PHYSICAL GEOLOGY	AUT/2009	- AUT/9999	5.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 8/06/12		APPROVED: 1/01/82							
					FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081									
					COMMENT:MOVE COLLEGE									
ESS 211	PHYS PROC EARTH PHYSICAL PROCESSES OF THE EARTH	AUT/2009	- AUT/9999	5.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 8/06/12		APPROVED: 3/17/97							
					FEE TYPE:1 \$26.00 BUDGET:069340 REV OBJ CD:943081									
					COMMENT:MOVE COLLEGE									
ESS 212	EARTH MATERIALS EARTH MATERIALS AND PROCESSES	WIN/2013	- AUT/9999	5.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT:10/16/12		APPROVED: 9/22/97							
					FEE TYPE:1 \$75.00 BUDGET:069340 REV OBJ CD:943081									
					COMMENT:CHG FEE									

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ESS 213	EVOLUTION OF EARTH EVOLUTION OF THE EARTH	AUT/2009 - AUT/9999	5.0		.	.	. . Y	. . Y				.
					LAST UPDT: 8/06/12 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		.
					LAST UPDT: 8/06/12 APPROVED: 4/28/03 FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081							
ESS 301	GEOL OF NORTHWEST GEOLOGY OF THE NORTHWEST	AUT/2009 - AUT/9999	5.0		.	.	. . Y	. . Y				.
					LAST UPDT: 8/06/12 FEE TYPE:1 \$25.00 BUDGET:069340 REV OBJ CD:943081							
ESS 302	GREAT ICE AGE GREAT ICE AGE	AUT/2009 - AUT/9999	5.0		.	.	. . Y	. . Y				.
					LAST UPDT: 8/06/12 APPROVED:10/01/85 FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081							
ESS 303	GEOLOGIC HAZARDS GEOLGOIC HAZARDS	AUT/2009 - AUT/9999	5.0		.	.	. . .	. . Y				.
					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				.
					LAST UPDT: 8/06/12 APPROVED:12/01/83 FEE TYPE:1 \$39.00 BUDGET:069340 REV OBJ CD:943081							
ESS 305	GEOL NATIONAL PARKS GEOLOGY OF THE NATIONAL PARKS	AUT/2009 - AUT/9999	5.0		.	.	. . Y	. . Y				.
					LAST UPDT: 8/06/12 APPROVED:12/01/89 FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081							
ESS 306	PLANETARY GEOLOGY PLANETARY GEOLOGY	AUT/2009 - AUT/9999	5.0		.	.	. . .	. . Y				.
					LAST UPDT: 8/12/09 APPROVED:12/10/90							
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							

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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	L & N C M S N	E C Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
ESS 311	GEOMECHANICS GEOMECHANICS	AUT/2012 -	AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	Y	.	.	.
					LAST UPDT: 9/28/12 APPROVED: 2/25/98 FEE TYPE:1 \$10.00 BUDGET:069340 REV OBJ CD:943081													
COMMENT:CHG PREQ																		
ESS 312	GEOCHEMISTRY GEOCHEMISTRY	AUT/2009 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT: 8/12/09 APPROVED: 2/25/98													
COMMENT:MOVE COLLEGE																		
ESS 313	GEOBIOLOGY GEOBIOLOGY	AUT/2009 -	AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	Y	.	.	.
					LAST UPDT: 8/06/12 APPROVED: 2/25/98 FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081													
COMMENT:MOVE COLLEGE																		
ESS 314	GEOPHYS: EXP TO EART GEOPHYSICS: EXPEDITION TO PLANET EARTH	AUT/2012 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT: 9/06/12 APPROVED:10/29/03													
COMMENT:UPDATE PREQ																		
ESS 315	ENVIR EARTH SCI ENVIRONMENTAL EARTH SCIENCE	AUT/2009 -	AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	Y	.	.	.
					LAST UPDT: 8/06/12 APPROVED: 3/01/76 FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081													
COMMENT:MOVE COLLEGE																		
ESS 320	CHANGING RIVERS CHANGING RIVERS OF PUGET SOUND	SPR/2011 -	AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	Y	.	.	.
					LAST UPDT: 8/06/12 APPROVED:12/21/10 FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081													
COMMENT: DING																		
ESS 326	GEOMORPHOLOGY GEOMORPHOLOGY	AUT/2012 -	AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	Y	.	.	.
					LAST UPDT: 9/28/12 APPROVED: 2/25/98 FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081													
COMMENT:CHG PREQ																		
ESS 345	MINERAL DEPOSITS THE ENVIRONMENT OF FUEL AND MINERAL DEPOSITS	SPR/2012 -	AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	Y	Y	.	.	.
					LAST UPDT: 8/06/12 APPROVED: 9/24/01 FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081													
COMMENT:EMAIL PREQ CHG																		
ESS 400	FIELD GEOLOGY FIELD GEOLOGY	AUT/2009 -	AUT/9999	12.0	.	.	.	.	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT: 8/12/09 APPROVED: 3/01/89													
COMMENT:MOVE COLLEGE																		

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COURSE					OVER D	D	S H F	V	E E W									O
CURRIC	NUM	TITLE	EFFECTIVE	QUARTER	-ALL U	GRD	U N E	L I	L E C	Q T	P & N	C M S	N	RESPONS	JOINT			M
			QUARTERS	CREDITS	MAX	P	SYS	D	HYPH	M R E	A S	W T	P R G	COURSE	COURSES			I
																		T
ESS	401	REGIONAL GEOL PNW REGIONAL GEOLOGY OF THE PACIFIC NORTHWEST	AUT/2009 - AUT/9999	3.0		.		.		. . Y	. . Y							.
					LAST UPDT: 8/06/12 APPROVED: 5/20/96													
					FEE TYPE:1 \$45.00 BUDGET:069340 REV OBJ CD:943081													
		COMMENT:MOVE COLLEGE																
ESS	402	INTL FIELD GEOLOGY INTERNATIONAL FIELD GEOLOGY	AUT/2009 - AUT/9999	3.0-12.0	12.0	.		.		. . .	. . Y							.
					LAST UPDT: 8/12/09 APPROVED:12/01/99													
		COMMENT:MOVE COLLEGE																
ESS	403	GLOBAL TECTONICS GLOBAL TECTONICS	AUT/2009 - AUT/9999	5.0		.		.		. . .	. . Y							.
					LAST UPDT: 8/12/09 APPROVED: 1/28/00													
		COMMENT:CHG TTL,CRDT,DSC, COLLEGE																
ESS	406	EARTH SCI FOR TEACH EARTH SCIENCES FOR MIDDLE AND HIGH SCHOOL SCIENCE	AUT/2009 - AUT/9999	3.0		.		.		. . .	. . Y							.
					TEACHERS: SOLID EARTH													
					LAST UPDT: 8/12/09 APPROVED: 2/25/02													
		COMMENT:MOVE COLLEGE																
ESS	408	GREAT ISSUES GREAT GEOLOGICAL ISSUES	AUT/2009 - AUT/9999	3.0		.		.		. . .	. . Y							.
					LAST UPDT: 8/12/09 APPROVED: 3/29/06													
		COMMENT:MOVE COLLEGE																
ESS	410	MAR GEOL AND GEOPHY MARINE GEOLOGY AND GEOPHYSICS	AUT/2010 - AUT/9999	4.0		.		.		. . Y	. . Y			OCEAN 410	OCEAN 410			.
					LAST UPDT: 8/06/12 APPROVED: 1/25/06													
					FEE TYPE:1 \$50.00 BUDGET:099670 REV OBJ CD:943081													
		COMMENT:CHG DESC, PREQ																
ESS	411	CONTINUUM MECHANICS GEOPHYSICAL CONTINUUM MECHANICS	AUT/2010 - AUT/9999	5.0		.		.		. . .	. . Y							.
					LAST UPDT: 3/15/10													
		COMMENT:CHG CREDITS																
ESS	412	INTRO SEISMOLOGY INTRODUCTION TO SEISMOLOGY	AUT/2011 - AUT/9999	3.0		.		.		. . .	. . Y							.
					LAST UPDT:12/20/10													
		COMMENT:CHG TITLES, PREQ, DESC																
ESS	413	GEOPHYSICS EARTH GEOPHYSICS: THE EARTH	AUT/2009 - AUT/9999	3.0		.		.		. . .	. . Y							.
					LAST UPDT: 8/12/09													
		COMMENT:MOVE COLLEGE																

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ESS 414	FLUIDS GEOPHYSICS: FLUIDS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/12/09									
COMMENT:MOVE COLLEGE														
ESS 415	SPACE AND PLASMAS SPACE AND PLASMAS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	Y	.
					LAST UPDT: 8/12/09									
COMMENT:MOVE COLLEGE														
ESS 416	GEOPHYS ATMOS GEOPHYSICS: THE ATMOSPHERE	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/12/09 APPROVED:10/12/72									
COMMENT:MOVE COLLEGE														
ESS 418	GEOSCIENCE COMM GEOSCIENCE COMMUNICATION	WIN/2011 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 5/29/12 APPROVED: 6/15/10									
ESS 420	INTRO GEOL GIS INTRODUCTION TO GEOLOGICAL GEOGRAPHIC INFORMATION SYSTEMS	WIN/2012 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 1/11/12 APPROVED:12/20/11									
ESS 421	INTRO REMOT SENSING INTRODUCTION TO GEOLOGICAL REMOTE SENSING	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/12/09 APPROVED: 6/01/81									
COMMENT:MOVE COLLEGE														
ESS 422	SPECTRL REMOTE SENS INTERMEDIATE SPECTRAL REMOTE SENSING	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/12/09 APPROVED: 9/20/99									
COMMENT:MOVE COLLEGE														
ESS 424	WATER IN ENVIRONMNT WATER IN THE ENVIRONMENT	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 9/06/12 APPROVED: 2/25/00									
COMMENT:MOVE COLLEGE														
ESS 426	FLUVIAL GEOMORPH FLUVIAL GEOMORPHOLOGY	AUT/2012 -	AUT/9999	5.0	.	.	.	Y	.	.	.	.	.	.
					LAST UPDT: 9/28/12 APPROVED: 1/01/79									
COMMENT:CHG PREQ					FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081									

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ESS 427	HILLSLOPE GEOMORPH HILLSLOPE GEOMORPHOLOGY	AUT/2012 -	AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.
COMMENT:CHG PREQ					LAST UPDT: 9/28/12 APPROVED: 1/01/79									
ESS 428	LANDSCAPE EVOLUTION LANDSCAPE EVOLUTION	AUT/2009 -	AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 2/25/98									
ESS 431	PRINS OF GLACIOLOGY PRINCIPLES OF GLACIOLOGY	AUT/2012 -	AUT/9999	4.0	.	.	.	Y	.	Y	.	.	.	.
COMMENT:UPDATE PREQ					LAST UPDT: 9/28/12 APPROVED: 6/01/89 FEE TYPE:1 \$17.00 BUDGET:069340 REV OBJ CD:943081									
ESS 432	GLACIAL GEOLOGY GLACIAL GEOLOGY	AUT/2009 -	AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED:12/01/79									
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									

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ESS 441	PETRG/PETRL SED RCK PETROLOGY AND PETROGRAPHY OF SEDIMENTARY ROCKS	AUT/2009 - AUT/9999	5.0		.	.	.	.	.	Y	.			.
					LAST UPDT: 8/12/09 APPROVED:12/01/81									
COMMENT:MOVE COLLEGE														
ESS 445	GEOL OF ORE DEPOSIT GEOLOGY OF ORE DEPOSITS	AUT/2009 - AUT/9999	5.0		.	.	.	Y	.	Y	.			.
					LAST UPDT: 8/06/12 APPROVED: 6/01/77									
					FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081									
COMMENT:MOVE COLLEGE														
ESS 447	ENGINEERING GEOLOGY ENGINEERING GEOLOGY: METHODS AND APPLICATION	SPR/2012 - AUT/9999	4.0		.	.	.	.	.	.	.			.
					LAST UPDT: 2/29/12 APPROVED: 2/28/12									
ESS 450	PALEOBIOLOGY PALEOBIOLOGY	AUT/2009 - AUT/9999	3.0		.	.	.	Y	.	Y	.			.
					LAST UPDT: 8/06/12 APPROVED: 2/01/82									
					FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081									
COMMENT:MOVE COLLEGE														
ESS 451	INVERT PALEONTOLOGY INVERTEBRATE PALEONTOLOGY	WIN/2013 - AUT/9999	5.0		.	.	.	Y	.	Y	.	ESS 451	BIOL 451	.
					LAST UPDT:11/01/12 APPROVED: 2/25/02									
					FEE TYPE:1 \$57.00 BUDGET:069377 REV OBJ CD:943081									
COMMENT:CHG FEE														
ESS 452	VERTE PALEO VERTEBRATE PALEONTOLOGY	AUT/2010 - AUT/9999	5.0		.	.	.	Y	.	Y	.	BIOL 450	BIOL 450	.
					LAST UPDT: 8/06/12 APPROVED:12/01/85									
					FEE TYPE:1 \$40.00 BUDGET:069377 REV OBJ CD:943081									
COMMENT:EMAIL PREQ CHG														
ESS 453	FOSSIL MAMMALS FOSSIL MAMMALS	AUT/2009 - AUT/9999	5.0		.	.	.	.	.	Y	.			.
					LAST UPDT: 8/12/09 APPROVED:12/01/85									
COMMENT:MOVE COLLEGE														
ESS 454	HYDROGEOLOGY HYDROGEOLOGY	AUT/2012 - AUT/9999	3.0		.	.	.	.	.	Y	.			.
					LAST UPDT: 9/28/12 APPROVED: 5/19/09									
COMMENT:UPDATE PREQ														
ESS 455	STRATIGRAPHY STRATIGRAPHY	AUT/2009 - AUT/9999	4.0		.	.	.	Y	.	Y	.			.
					LAST UPDT: 8/06/12									
					FEE TYPE:1 \$15.00 BUDGET:069340 REV OBJ CD:943081									
COMMENT:MOVE COLLEGE														

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						-ALL MAX	U P	GRD SYS	E D	HYPH	U M	N R	E E	P A	& S	N W	C T	M P				S R
ESS	456	DEPOSTINAL ENVIRONS DEPOSITIONAL ENVIRONMENTS	AUT/2009 -	AUT/9999	4.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.		
						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/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.		
						LAST UPDT: 8/12/09 APPROVED: 3/29/06																
ESS	458	ISOTOPE GEOL LITHOS ISOTOPE AND TRACE ELEMENT GEOLOGY: LITHOSPHERE	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.		
						LAST UPDT: 8/12/09 APPROVED: 6/01/90																
						COMMENT:UPDATE PREQ, COLLEGE																
ESS	459	ENV ISOTOPE GEOCHEM ENVIRONMENTAL ISOTOPE GEOLOGY	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.		
						LAST UPDT: 8/12/09 APPROVED:10/01/74																
						COMMENT:MOVE COLLEGE																
ESS	460	COSMOGENIC NUCLIDES COSMOGENIC NUCLIDES IN GEOMORPHOLOGY	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.		
						LAST UPDT: 8/12/09 APPROVED: 3/29/04																
						COMMENT:MOVE COLLEGE																
ESS	461	GEOLOGICAL TIME GEOLOGICAL TIME	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.		
						LAST UPDT: 8/12/09 APPROVED: 3/27/95																
						COMMENT:MOVE COLLEGE																
ESS	462	VOLCANIC PROCESSES VOLCANIC PROCESSES	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.		
						LAST UPDT: 8/12/09 APPROVED: 6/01/99																
						COMMENT:MOVE COLLEGE																
ESS	463	STRUCTURE TECTONICS STRUCTURE AND TECTONICS	WIN/2013 -	AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.		
						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	.	.	.	.	.	.	.		
						LAST UPDT: 9/06/12 APPROVED: 2/28/94																
						COMMENT:UPDATE PREQ																

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ESS 465	SEIS & EARTHQKE ENGR SEISMOLOGY AND EARTHQUAKE ENGINEERING	AUT/2012 -	AUT/9999	3.0	.	.	.	.	.	Y	.	CEE 431	CEE 431	.
COMMENT:UPDATE PREQ					LAST UPDT: 9/06/12 APPROVED: 2/25/02									
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									
ESS 467	SEIS EXPLR & STRAT SEISMIC EXPLORATION	WIN/2010 -	AUT/9999	5.0	.	.	.	.	.	Y	.	ESS 467	OCEAN 412	.
COMMENT:CHG TITLES, PREQ, DESC					LAST UPDT: 1/11/10 APPROVED:12/01/89									
ESS 471	INTRO TO SPACE PHYS INTRODUCTION TO SPACE PHYSICS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	Y	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 9/27/91									
ESS 472	ROCKETS & INSTRUMNT ROCKETS AND INSTRUMENTATION	WIN/2012 -	AUT/9999	2.0-04.0	12.0	.	.	.	Y	.	.			.
COMMENT:CHG CREDITS, DESC					LAST UPDT: 8/06/12 APPROVED: 2/21/07 FEE TYPE:1 \$175.00 BUDGET:069340 REV OBJ CD:943081									
ESS 475	CLMT SCI RSRCH SMNR CURRENT RESEARCH IN CLIMATE SCIENCE SEMINAR	AUT/2011 -	AUT/9999	3.0	6.0	.	.	.	.	.	.	OCEAN 475	OCEAN 475	.
					LAST UPDT: 1/26/11 APPROVED: 1/18/11 ATM S 475									
ESS 480	ADV ISO GEOCHEM ADVANCED METHODS IN ISOTOPE GEOCHEMISTRY	WIN/2013 -	AUT/9999	3.0	18.0	.	.	.	.	Y	.			.
					LAST UPDT:11/20/12 APPROVED:11/20/12									
ESS 489	HONORS SEMINAR HONORS SEMINAR	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 6/13/06									
ESS 490	SPECIAL TOPICS SPECIAL TOPICS	AUT/2009 -	AUT/9999	1.0-10.0	20.0	Y	.	.	.	Y	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 9/27/91									

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ESS 492	TEACHING OUTREACH UNDERGRADUATE TEACHING EXPERIENCE AND OUTREACH	AUT/2011 - AUT/9999	1.0-03.0	12.0	.	.	.	.	.	Y	.	.	.	.
COMMENT:CHG CREDITS					LAST UPDT: 6/20/11 APPROVED: 2/25/98									
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									

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ESS 508	GREAT GEOL ISSUES GREAT GEOLOGICAL ISSUES	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 3/29/06									
ESS 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									
ESS 518	TECHNICAL COMM TECHNICAL COMMUNICATION IN APPLIED GEOSCIENCES	AUT/2012 -	AUT/9999	1.0	3.0	.	.	.	.	.	.	.	.	.
					LAST UPDT: 9/05/12 APPROVED: 8/21/12									

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ESS 522	DATA COLCTN & ANLYS GEOPHYSICAL DATA COLLECTION AND ANALYSIS	AUT/2009 - AUT/9999	3.0		.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09 APPROVED:11/01/81									
COMMENT:MOVE COLLEGE														
ESS 523	INVERSE THEORY GEOPHYSICAL INVERSE THEORY	AUT/2009 - AUT/9999	3.0		.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09 APPROVED: 1/01/73									
COMMENT:MOVE COLLEGE														
ESS 524	HEAT&MASS FLOWMODEL NUMERICAL HEAT AND MASS FLOW MODELING IN THE EARTH SCIENCES	SPR/2010 - AUT/9999	3.0		.	.	.	.	.	.	.			.
					LAST UPDT: 2/17/10 APPROVED: 2/16/10									
ESS 526	SED DYN AND PHYSICS SEDIMENT DYNAMICS AND BOUNDARY-LAYER PHYSICS	WIN/2010 - AUT/9999	4.0		.	.	.	.	.	.	.	OCEAN 542	OCEAN 542	.
					LAST UPDT: 1/11/10 APPROVED: 2/28/94									
COMMENT:MOVE JT COLLEGE														
ESS 527	CONTINENT-MARG SED CONTINENTAL-MARGIN SEDIMENTATION	SPR/2010 - AUT/9999	3.0		.	.	.	.	.	.	.	OCEAN 546	OCEAN 546	.
					LAST UPDT: 2/10/10 APPROVED:11/21/05									
COMMENT:MOVE JT COLLEGE														
ESS 528	SEDIMENT STRUCTURES INTERPRETATION OF SEDIMENTARY STRUCTURES	AUT/2009 - AUT/9999	2.0-04.0	4.0	.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09 APPROVED:12/01/83									
COMMENT:MOVE COLLEGE														
ESS 529	FLD DYN HT/MS TRANS PRINCIPLES OF FLUID DYNAMICS, HEAT, AND MASS TRANSFER IN EARTH SCIENCES	AUT/2009 - AUT/9999	3.0		.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09 APPROVED:12/01/89									
COMMENT:MOVE COLLEGE														
ESS 531	PHYSICS OF ICE PHYSICS OF ICE	AUT/2009 - AUT/9999	3.0		.	.	.	.	.	.	.	ATM S 510	ATM S 510	.
					LAST UPDT: 8/12/09									
COMMENT:MOVE COLLEGE														
ESS 532	SNOW & ICE ON EARTH SNOW AND ICE ON THE EARTH'S SURFACE	SPR/2012 - AUT/9999	3.0		.	.	.	.	.	.	.	ESS 532	ATM S 511	.
					LAST UPDT: 4/18/11 APPROVED:11/01/81									
COMMENT:CHG TITLES														

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ESS	533	SNOW & ICE DYNAMICS DYNAMICS OF SNOW AND ICE MASSES	AUT/2009 - AUT/9999	3.0		.		.		.	.	.	.	.	ESS	533	ATM S 512	.				
					LAST UPDT:		8/12/09		APPROVED:11/01/81													
COMMENT:MOVE COLLEGE																						
ESS	534	STRCTL GLACIOLOGY STRUCTURAL GLACIOLOGY	AUT/2009 - AUT/9999	3.0		.		.		.	.	.	.	.	ESS	534	ATM S 513	.				
					LAST UPDT:		8/12/09		APPROVED:11/01/81													
COMMENT:MOVE COLLEGE																						
ESS	535	ICE AND CLIMATE ICE AND CLIMATE	AUT/2009 - AUT/9999	3.0		.		.		.	.	.	.	.	ESS	535	ATM S 514	.				
					LAST UPDT:		8/12/09		APPROVED:12/01/83													
COMMENT:MOVE COLLEGE																						
ESS	537	ADVANCED MINERALOGY ADVANCED MINERALOGY	AUT/2009 - AUT/9999	3.0		.		.		.	.	.	.	.	ESS	537	MSE 518	.				
					LAST UPDT:		8/12/09		APPROVED: 3/01/90													
COMMENT:MOVE COLLEGE																						
ESS	538	PETROGEN IGN ROCKS PETROGENESIS OF IGNEOUS ROCKS	AUT/2009 - AUT/9999	3.0		.		.		.	.	.	.	.				.				
					LAST UPDT:		8/12/09		APPROVED:12/01/81													
COMMENT:MOVE COLLEGE																						
ESS	540	ADV IGNEOUS PETROL ADVANCED IGNEOUS PETROLOGY	AUT/2009 - AUT/9999	4.0		.		.		.	.	.	.	.				.				
					LAST UPDT:		8/12/09		APPROVED: 3/01/71													
COMMENT:MOVE COLLEGE																						
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	TSUNAMI HAZARDS SCI APPLIED TSUNAMI HAZARD SCIENCE	SPR/2013 - AUT/9999	4.0		.		.		.	.	.	.	.				.				
					LAST UPDT:		1/16/13		APPROVED: 1/15/13													
COMMENT:MOVE COLLEGE																						
ESS	547	ENGINEERING GEOLOGY ENGINEERING GEOLOGY: METHODS AND APPLICATION	SPR/2012 - AUT/9999	4.0		.		.		.	.	.	.	.				.				
					LAST UPDT:		2/29/12		APPROVED: 2/28/12													
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 S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
ESS 557	VERTE PALEO VERTEBRATE PALEONTOLOGY	SPR/2010	- AUT/9999	5.0	.	.	.	. . Y	.	.	.	BIOL 557	BIOL 557	.
LAST UPDT: 8/06/12 APPROVED: 5/19/09 FEE TYPE:1 \$40.00 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	ATM S 559	.
LAST UPDT: 2/10/10 APPROVED: 6/20/07														
COMMENT:MOVE JT COLLEGE														
ESS 560	COSMOGENIC NUCLIDES COSMOGENIC NUCLIDES IN GEOMORPHOLOGY	AUT/2009	- AUT/9999	3.0	.	.	.	.	.	.	.			.
LAST UPDT: 8/12/09 APPROVED: 3/29/04														
COMMENT:MOVE COLLEGE														
ESS 562	OBSERVATNAL SEISMOL OBSERVATIONAL SEISMOLOGY	AUT/2009	- AUT/9999	1.0	18.0 Y	CR/NC	.	.	.	.	.			.
LAST UPDT: 8/12/09														
COMMENT:MOVE COLLEGE														
ESS 563	THEOR SEISMOLOGY I THEORETICAL SEISMOLOGY I	AUT/2009	- AUT/9999	3.0	.	.	.	.	.	.	.			.
LAST UPDT: 8/12/09														
COMMENT:MOVE COLLEGE														
ESS 564	THEOR SEISMOLOGY II THEORETICAL SEISMOLOGY II	AUT/2009	- AUT/9999	3.0	.	.	.	.	.	.	.			.
LAST UPDT: 8/12/09														
COMMENT:MOVE COLLEGE														
ESS 565	LOW-FREQ SEISMOLOGY LOW-FREQUENCY SEISMOLOGY	AUT/2009	- AUT/9999	3.0	.	.	.	.	.	.	.			.
LAST UPDT: 8/12/09														
COMMENT:MOVE COLLEGE														
ESS 568	OCEANIC LITHOSPHERE OCEANIC LITHOSPHERE	AUT/2011	- AUT/9999	3.0	.	.	.	.	.	.	.	OCEAN 545	OCEAN 545	.
LAST UPDT: 4/18/11														
COMMENT:CHG TITLES, DESC, PREQ														

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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
ESS 573	CLOUD PHYS & DYNAM CLOUD MICROPHYSICS AND DYNAMICS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	ATM S 535	ATM S 535	.
					LAST UPDT: 8/12/09									
					COMMENT:MOVE COLLEGE									
ESS 574	ATMOS ELEC DYNAMICS ATMOSPHERIC ELECTRICAL DYNAMICS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09									
					COMMENT:MOVE COLLEGE									
ESS 575	ROCKETS & INSTRUMNT ADVANCED ROCKETS AND INSTRUMENTATION	WIN/2012 -	AUT/9999	2.0-04.0	12.0	.	.	.	Y	.	.			.
					LAST UPDT: 8/06/12 APPROVED: 2/17/09									
					FEE TYPE:1 \$175.00 BUDGET:069340 REV OBJ CD:943081									
ESS 576	SPACE AND LAB PHYS SPACE AND LABORATORY PLASMA PHYSICS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	ESS 576 A A	556	.
					LAST UPDT: 8/12/09									
					COMMENT:MOVE COLLEGE									
ESS 577	ADV SPACE PLSM PHYS ADVANCED SPACE PLASMA PHYSICS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09									
					COMMENT:MOVE COLLEGE									
ESS 578	KINETIC PLASMAS KINETIC THEORY AND SIMULATION OF SPACE PLASMAS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09									
					COMMENT:MOVE COLLEGE									
ESS 579	COMP PLAS PHYS COMPUTATIONAL METHODS AND MODELING IN GEOPHYSICS I	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09 APPROVED: 5/24/93									
					COMMENT:MOVE COLLEGE									
ESS 580	ADV ISO GEOCHEM ADVANCED METHODS IN ISOTOPE GEOCHEMISTRY	WIN/2013 -	AUT/9999	3.0	18.0	.	.	.	.	.	.			.
					LAST UPDT:11/20/12 APPROVED:11/20/12									
ESS 581	PLANET ATMOS PLANETARY ATMOSPHERES	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	ASTR 555 ASTR	555	.
					LAST UPDT: 8/12/09 APPROVED: 9/01/77									
					COMMENT:MOVE COLLEGE									
					ATM S 555									

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ESS 583	SOLAR SYSTEM ORIGIN ORIGIN OF THE SOLAR SYSTEM	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	ASTR 557	ASTR 557	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 9/01/77								
ESS 585	PNW CLIMATE IMPACTS CLIMATE IMPACTS ON THE PACIFIC NORTHWEST	WIN/2012 -	AUT/9999	4.0	.	.	.	.	.	.	ATM S 585	ATM S 585	.
COMMENT:CHG JT STATUS					LAST UPDT: 9/07/11 APPROVED: 1/30/03								
ESS 586	CLIMATE SEMINAR CURRENT RESEARCH IN CLIMATE CHANGE	SPR/2010 -	AUT/9999	2.0	20.0	CR/NC	.	.	.	.	ESS 586	ATM S 586	.
COMMENT:MOVE JT COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/25/02								
ESS 587	CLIMATE DYNAMICS CLIMATE DYNAMICS	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	ESS 587	ATM S 587	.
COMMENT:MOVE JT COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/25/02								
ESS 588	CARBON AND CLIMATE THE GLOBAL CARBON CYCLE AND CLIMATE	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	OCEAN 588	ATM S 588	.
COMMENT:MOVE JT COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/25/02								
ESS 589	PALEOCLIMATOLOGY PALEOCLIMATOLOGY: DATA, MODELING, AND THEORY	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	ESS 589	ATM S 589	.
COMMENT:MOVE JT COLLEGE					LAST UPDT: 2/10/10 APPROVED: 2/25/02								
ESS 590	SPECIAL TOPICS SPECIAL TOPICS	AUT/2009 -	AUT/9999	2.0-10.0	20.0	Y	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 9/27/91								
ESS 592	PROF PRACTICE SEM PROFESSIONAL PRACTICE IN APPLIED GEOSCIENCES	AUT/2012 -	AUT/9999	1.0	3.0	.	.	.	.	.			.
					LAST UPDT:11/07/12 APPROVED: 8/21/12								
ESS 593	CLIMATE SEMINAR CLIMATE SCIENCE SEMINAR	SPR/2010 -	AUT/9999	1.0	.	CR/NC	.	.	.	.	ATM S 593	ATM S 593	.
COMMENT:MOVE JT COLLEGE					LAST UPDT: 2/10/10 APPROVED:12/16/08								
												OCEAN 593	

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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 Q M S N	W R T P R G	RESPONS COURSE	JOINT COURSES	O M I T
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									
ESS 595	ESS RSRCH METHODS EARTH AND SPACE SCIENCES RESEARCH METHODS	AUT/2011 - AUT/9999	2.0	30.0 Y	CR/NC	.	.	.	.	.	.	.	.	.
COMMENT:CHG GRADING					LAST UPDT: 6/20/11 APPROVED:11/21/94									
ESS 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 JT COLLEGE					LAST UPDT: 2/10/10 APPROVED:12/16/08 OCEAN 596									
ESS 599	SEMINAR SEMINAR	AUT/2009 - AUT/9999	1.0	24.0 Y	CR/NC	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 5/18/12 APPROVED: 2/01/77									
ESS 600	INDEPN DNT STDY/RSCH INDEPENDENT STUDY OR RESEARCH	AUT/2009 - AUT/9999	0.0	999.0	.	CR/NC	.	11	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 4/19/10 APPROVED: 2/01/78									
ESS 700	MASTERS THESIS MASTER'S THESIS	AUT/2009 - AUT/9999	0.0	999.0	.	.	.	11	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 4/19/10 APPROVED: 1/01/70									
ESS 800	DOCTORAL DISSERTATN DOCTORAL DISSERTATION	AUT/2009 - AUT/9999	0.0	999.0	.	.	.	11	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 4/19/10 APPROVED: 1/01/70									