

DATE: 10-06-2014
TIME: 20:10:10

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
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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 I	E E P & N C M S N	W R Q T	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								
COMMENT:MOVE COLLEGE					FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081								
ESS 102	SPACE&SPACE TRAVEL Space and Space Travel	AUT/2012 - WIN/2016	5.0		.	.	.	Y	.	Y Y	.	.	.
					LAST UPDT: 9/20/12								
COMMENT:INT DL, CHG DESC, ADD AOK					FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081								
ESS 102	SPACE&SPACE TRAVEL Space and Space Travel	SPR/2016 - AUT/9999	5.0		.	.	.	Y	.	Y Y	.	.	.
					LAST UPDT: 9/20/12								
COMMENT:END INTIAL DL					FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081								
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								
COMMENT:MOVE COLLEGE					FEE TYPE:1 \$11.00 BUDGET:069340 REV OBJ CD:943081								
ESS 104	PREHISTORIC LIFE Prehistoric Life	AUT/2009 - AUT/9999	3.0		.	.	.	Y	.	Y	.	.	.
					LAST UPDT: 8/06/12 APPROVED: 1/30/03								
COMMENT:MOVE COLLEGE					FEE TYPE:1 \$10.00 BUDGET:069340 REV OBJ CD:943081								
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								
COMMENT:MOVE COLLEGE					FEE TYPE:1 \$15.00 BUDGET:069340 REV OBJ CD:943081								
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	.	.	.
					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: 8/14/14 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	WIN/2014	- AUT/9999	5.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 5/16/13 APPROVED: 3/17/97									
					FEE TYPE:1 \$26.00 BUDGET:069340 REV OBJ CD:943081									
					COMMENT:EMAIL PREQ CHG									
ESS 212	EARTH MATERIALS Earth Materials and Processes	WIN/2014	- AUT/9999	5.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 5/16/13 APPROVED: 9/22/97									
					FEE TYPE:1 \$75.00 BUDGET:069340 REV OBJ CD:943081									
					COMMENT:EMAIL PREQ CHG									

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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 A S W	E E L C M S	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
ESS 213	EVOLUTION OF EARTH Evolution of the Earth	WIN/2014 -	AUT/9999	5.0	.	.	.	. . Y	. . Y		.			.
					LAST UPDT: 5/16/13 APPROVED: 9/22/97 FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081 COMMENT:EMAIL PREQ CHG									
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 COMMENT:MOVE JT COLLEGE									
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 COMMENT:MOVE COLLEGE									
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 COMMENT:MOVE COLLEGE									
ESS 303	GEOLOGIC HAZARDS GEOLGOIC HAZARDS	AUT/2009 -	AUT/9999	5.0	.	.	.	. . .	. . Y		.			.
					LAST UPDT:12/11/12 APPROVED:12/06/91 COMMENT:MOVE COLLEGE									
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 COMMENT:MOVE COLLEGE									
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 COMMENT:MOVE COLLEGE									
ESS 306	PLANETARY GEOLOGY Planetary Geology	AUT/2009 -	AUT/9999	5.0	.	.	.	. . .	. . Y		.			.
					LAST UPDT: 8/12/09 APPROVED:12/10/90 COMMENT:MOVE COLLEGE									
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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						-ALL MAX	U P	GRD SYS	E D	HYPH	U M	N R	E E	P A	& S	N W	C T	M P			
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															
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															
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													ESS 315 ENVIR 313 .		
						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	.	.	.	.	.			
						LAST UPDT: 8/05/14 APPROVED:12/21/10													ESS 320 ENVIR 320 .		
						FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081													AIS 320		
						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															
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		TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F	V	L	E E	W	R	RESPONS	JOINT	O					
CURRIC	NUM				MAX	P											GRD	E	U	HYPH	M
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 Teachers: Solid Earth	AUT/2009 - AUT/9999	3.0		.	.		.	.	.	.	Y	.	.	.	.	.	.	.	.
				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	SUM/2013 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 3/07/13 APPROVED: 6/15/10														
					COMMENT:EMAIL PREQ CHG														
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	.	.	.	ESS 424 ATM S 460	.
					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/2013 -	AUT/9999	5.0	.	.	.	. . Y	.	. . Y				.
					LAST UPDT: 8/20/13 APPROVED: 1/01/79 FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081									
ESS 428	LANDSCAPE EVOLUTION LANDSCAPE EVOLUTION	AUT/2009 -	AUT/9999	5.0	.	.	.	. . .	.	. . Y				.
					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				.
					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				.
					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				.
					LAST UPDT: 4/19/10 APPROVED:12/01/85									
ESS 435	GLACIAL PERIGLACIAL Glacial-Periglacial Geomorphology NW	SPR/2011 -	AUT/9999	3.0	.	.	.	. . .	.	. . Y				.
					LAST UPDT:12/21/10 APPROVED:12/21/10									
ESS 437	MINERALOGY Mineralogy	AUT/2009 -	AUT/9999	5.0	.	.	.	. . .	.	. . Y				.
					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				.
					LAST UPDT: 8/12/09									
ESS 440	PETRO/PETRL META RK Petrography and Petrology of Metamorphic Rocks	AUT/2009 -	AUT/9999	5.0	.	.	.	. . .	.	. . Y				.
					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	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 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: 2/26/14 APPROVED: 2/25/02									
					FEE TYPE:1 \$57.00 BUDGET:069377 REV OBJ CD:943081									
COMMENT:CHG FEE														
ESS 452	VERTE PALEO Vertebrate Paleontology	WIN/2014 - AUT/9999	5.0		.	.	.	Y	.	Y	.	BIOL 450	BIOL 450	.
					LAST UPDT:11/06/13 APPROVED:12/01/85									
					FEE TYPE:1 \$50.00 BUDGET:069377 REV OBJ CD:943081									
COMMENT:CHG FEE														
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/2014	3.0		.	.	.	.	.	Y	.			.
					LAST UPDT: 6/04/14 APPROVED: 5/19/09									
COMMENT:UPDATE PREQ														
ESS 454	HYDROGEOLOGY Hydrogeology	WIN/2015 - AUT/9999	4.0		.	.	.	.	.	Y	.			.
					LAST UPDT: 6/04/14 APPROVED: 5/19/09									
COMMENT:CHG CREDITS														

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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									
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									
					COMMENT:MOVE COLLEGE									
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	SPR/2014 -	AUT/9999	4.0	.	.	.	. . .	. . Y		.			.
					LAST UPDT:12/12/13 APPROVED: 6/01/99									
					COMMENT:EMAIL PREQ CHG									
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									
					COMMENT:CHG FEE									

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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 & 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	.
COMMENT:CHG CREDITS, DESC					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	.	.	.
COMMENT:CHG CREDITS, DESC					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								

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ESS 490	SPECIAL TOPICS Special Topics	AUT/2009 - AUT/9999	1.0-10.0	20.0	Y	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/12/09 APPROVED: 9/27/91									
					COMMENT:MOVE COLLEGE									
ESS 492	TEACHING OUTREACH Undergraduate Teaching Experience and Outreach	AUT/2011 - AUT/9999	1.0-03.0	12.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 6/20/11 APPROVED: 2/25/98									
					COMMENT:CHG CREDITS									
ESS 495	NASA RSRCH SEMINAR NASA Science and Engineering Research Seminar	AUT/2009 - AUT/9999	1.0	4.0	.	CR/NC	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/12/09 APPROVED:10/29/90									
					COMMENT:MOVE COLLEGE									
ESS 498	UNDERGRAD THESIS Undergraduate Thesis	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/12/09									
					COMMENT:MOVE COLLEGE									
ESS 499	UNDERGRAD RESEARCH Undergraduate Research	AUT/2009 - AUT/9999	0.0	15.0	Y	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/12/09 APPROVED: 2/01/87									
					COMMENT:MOVE COLLEGE									
ESS 501	GEOCHEMICAL SYSTEMS Geochemical Systems	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/12/09 APPROVED: 6/13/06									
					COMMENT:MOVE COLLEGE									
ESS 502	THE SOLID EARTH The Solid Earth	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/12/09 APPROVED: 6/13/06									
					COMMENT:MOVE COLLEGE									
ESS 503	SOLAR TERRESTR PHYS Introduction to Solar Terrestrial Physics	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/12/09 APPROVED: 8/08/06									
					COMMENT:MOVE COLLEGE									
ESS 504	EARTH SURFACE The Earth Surface	AUT/2009 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.
					LAST UPDT: 8/06/12 APPROVED: 6/13/06									
					COMMENT:MOVE COLLEGE									

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CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER	D	D	S	H	F	V	L	E	E	W	RESPONS	JOINT	O			
						-ALL	U	GRD	E	U	N	E	P	I	C	Q				R		
						MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	I	T
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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/12/09 APPROVED: 3/29/06																
						COMMENT:MOVE COLLEGE																
ESS	509	APPL FIELD MTHDS I Field Methods in Applied Geology I	WIN/2014 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.	.
						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	.	.	.	.	.	.	.	.	.	.	.
						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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 3/15/10 APPROVED: 1/24/95																
						COMMENT:CHG CREDITS																
ESS	512	INTRO SEISMOLOGY Seismology	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:12/20/10 APPROVED: 1/24/95																
						COMMENT:CHG TITLES, DESC, PREQ																
ESS	513	THE EARTH Geophysics: The Earth	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/12/09 APPROVED: 1/24/95																
						COMMENT:MOVE COLLEGE																
ESS	514	FLUIDS Geophysics: Fluids	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/12/09 APPROVED: 1/24/95																
						COMMENT:MOVE COLLEGE																
ESS	515	SPACE Geophysics: Space	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/12/09 APPROVED: 1/24/95																
						COMMENT:MOVE COLLEGE																

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CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER	D	D	S	H	F	V	L	E	E	W	RESPONS	JOINT	O			
						-ALL	U	GRD	E	U	N	E	P	I	C	Q				T		
						MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	I	T
ESS	516	THE ATMOSPHERE Geophysics: The Atmosphere	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
		COMMENT:MOVE COLLEGE																				
ESS	517	EARTH EVOLUTION Early Earth Evolution	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
		COMMENT:MOVE COLLEGE																				
ESS	518	TECHNICAL COMM Technical Communication in Applied Geosciences	AUT/2013 -	AUT/9999	1.0	3.0	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.	
		COMMENT:ADD FEE																				
ESS	519	SCIENTIFIC WRITING Scientific Writing and Graphics	AUT/2013 -	AUT/9999	2.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
ESS	520	APPLIED GEOL GIS Applications in Geological Geographic Information Systems	WIN/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
ESS	522	DATA COLCTN & ANLYS Geophysical Data Collection and Analysis	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
		COMMENT:MOVE COLLEGE																				
ESS	523	INVERSE THEORY Geophysical Inverse Theory	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
		COMMENT:MOVE COLLEGE																				
ESS	524	HEAT&MASS FLOWMODEL Numerical Heat and Mass Flow Modeling in the Earth Sciences	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
ESS	526	FLUVIAL GEOMORPH Fluvial Geomorphology	AUT/2013 -	AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.	
		COMMENT:ADD FEE																				

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COURSE		TITLE	EFFECTIVE	QUARTERS	QUARTER	OVER D	D	S H F	V	E E	L	L	C Q T	W	R	RESPONS	JOINT	O
CURRIC	NUM																	
					MAX	P	SYS	D HYPH	M R E	A S W	T P R	G						I
ESS	527	HILLSLOPE GEOMORPH Hillslope Geomorphology	WIN/2014 - AUT/9999	5.0		.	.	.	Y	.	.	.	.	.	.			.
					LAST UPDT: 1/10/14 APPROVED:11/19/13													
					FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081													
					COMMENT:400-500, 1/10/14 FEE													
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													
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													

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ESS 538	PETROGEN IGN ROCKS Petrogenesis of Igneous Rocks	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED:12/01/81									
ESS 540	ADV IGNEOUS PETROL Advanced Igneous Petrology	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 3/01/71									
ESS 541	APL FLUV GEOMORPH Applied Fluvial Geomorphology	SPR/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.			.
					LAST UPDT:11/20/13 APPROVED:11/19/13									
ESS 542	SED DYN AND PHYSICS Sediment Dynamics and Boundary-Layer Physics	AUT/2013 -	AUT/9999	4.0	.	.	.	.	.	.	.	OCEAN 542	OCEAN 542	.
COMMENT:WAS ESS 526					LAST UPDT: 6/05/13 APPROVED: 2/28/94									
ESS 544	TSUNAMI HAZARDS SCI Applied Tsunami Hazard Science	SUM/2013 -	AUT/9999	4.0	.	.	.	.	.	.	.			.
COMMENT:WAS ESS 546					LAST UPDT: 4/16/13 APPROVED: 1/15/13									
ESS 545	ECON GEOL SED ROCKS ECONOMIC GEOLOGY OF SEDIMENTARY ROCKS	AUT/2009 -	AUT/9999	5.0	.	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT:12/11/12									
ESS 546	CONTINENT-MARG SED Continental-Margin Sedimentation	WIN/2014 -	AUT/9999	3.0	.	.	.	.	.	.	.	OCEAN 546	OCEAN 546	.
COMMENT:WAS ESS 527					LAST UPDT:11/20/13 APPROVED:11/21/05									
ESS 547	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 548	GEODYNAMICS GEODYNAMICS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT:10/28/13									

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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 Q T P R G	W R S N	RESPONS COURSE	JOINT COURSES	O M I T
ESS 549	GEOMAGNETISM GEOMAGNETISM	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 2/28/94									
ESS 550	EMAG & POTEN FIELDS Electromagnetic and Potential Field Methods	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 2/28/94									
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									

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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					OCEAN 558		
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														
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														

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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									
COMMENT:CHG CREDITS, DESC					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									
ESS 583	SOLAR SYSTEM ORIGIN Origin of the Solar System	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	ASTR 557 ASTR	557	.
					LAST UPDT: 8/12/09 APPROVED: 9/01/77									
COMMENT:MOVE COLLEGE														

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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					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					LAST UPDT: 2/10/10					APPROVED: 2/25/02					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					LAST UPDT: 3/21/13					APPROVED: 2/25/02					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					LAST UPDT: 2/10/10					APPROVED: 2/25/02					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					LAST UPDT: 2/10/10					APPROVED: 2/25/02					OCEAN 589
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/2013 -	AUT/9999	1.0	3.0	.	.	.	Y	.	.	.	.		
COMMENT:ADD FEE					LAST UPDT: 8/20/13					APPROVED: 8/21/12					.
					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					LAST UPDT: 2/10/10					APPROVED:12/16/08					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					.

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ESS 595	ESS RSRCH METHODS Earth and Space Sciences Research Methods	AUT/2011 -	AUT/9999	2.0	30.0 Y	CR/NC .	.	.	.	.	.	.	.	.
					LAST UPDT: 6/20/11 APPROVED:11/21/94									
COMMENT:CHG GRADING														
ESS 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									
COMMENT:MOVE JT COLLEGE					OCEAN 596									
ESS 599	SEMINAR Seminar	AUT/2009 -	AUT/9999	1.0	24.0 Y	CR/NC .	.	.	.	.	.	.	.	.
					LAST UPDT: 5/18/12 APPROVED: 2/01/77									
COMMENT:MOVE COLLEGE														
ESS 600	INDEPN DNT STDY/RSCH Independent Study or Research	AUT/2009 -	AUT/9999	0.0	999.0 .	CR/NC .	11	.	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 2/01/78									
COMMENT:MOVE COLLEGE														
ESS 601	INTERNSHIP Internship	SUM/2013 -	AUT/9999	0.0	999.0 .	.	.	.	.	.	.	.	.	.
					LAST UPDT: 4/16/13 APPROVED: 4/16/13									
ESS 700	MASTERS THESIS Master's Thesis	AUT/2009 -	AUT/9999	0.0	999.0 .	.	11	.	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 1/01/70									
COMMENT:MOVE COLLEGE														
ESS 800	DOCTORAL DISSERTATN Doctoral Dissertation	AUT/2009 -	AUT/9999	0.0	999.0 .	.	11	.	.	.	.	.	.	.
					LAST UPDT: 4/19/10 APPROVED: 1/01/70									
COMMENT:MOVE COLLEGE														