

DATE: 10-08-2012
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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

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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 E C M S N	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
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	AUT/2009 -	AUT/2012	5.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 9/25/12 APPROVED: 9/28/98									
					FEE TYPE:1 \$12.00 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: 9/05/12 APPROVED: 9/28/98									
					FEE TYPE:1 \$12.00 BUDGET:069340 REV OBJ CD:943081									
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									
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									
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									
ESS 212	EARTH MATERIALS EARTH MATERIALS AND PROCESSES	AUT/2009 -	AUT/9999	5.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 8/06/12 APPROVED: 9/22/97									
					FEE TYPE:1 \$15.00 BUDGET:069340 REV OBJ CD:943081									
					COMMENT:MOVE COLLEGE									

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DEPARTMENT: EARTH AND SPACE SCIENCES														O				
COURSE	CURRIC	TITLE	EFFECTIVE	QUARTERS	QUARTER	OVER	D	D	S	H	F	V	L	E	E	W	R	M
NUM					CREDITS	-ALL	U	GRD	E	U	N	P	I	C	Q	T		
						MAX	P	SYS	D	HYPH	M	R	A	S	W	T	P	R
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													
COMMENT:MOVE COLLEGE																		
ESS	230	RIVERS AND BEACHES RIVERS AND BEACHES	SPR/2010 -	AUT/9999	3.0-05.0		.	.	.	.	Y	.	.	Y	.	.	.	.
					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 GEOLOGIC HAZARDS	AUT/2009 -	AUT/9999	5.0		.	.	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/12/09 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				S R
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: 8/06/12 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 CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX	D P	GRD SYS	D E	S H F U N E M R E	V L L I P & N	E E C M S N	W R Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T	
ESS 401	REGIONAL GEOL PNW REGIONAL GEOLOGY OF THE PACIFIC NORTHWEST	AUT/2009 - AUT/9999	3.0	.		.		. . Y	. . Y					.	
COMMENT:MOVE COLLEGE				LAST UPDT: 8/06/12 APPROVED: 5/20/96 FEE TYPE:1 \$45.00 BUDGET:069340 REV OBJ CD:943081											
ESS 402	INTL FIELD GEOLOGY INTERNATIONAL FIELD GEOLOGY	AUT/2009 - AUT/9999	3.0-12.0	12.0	.		.	. . .	. . Y					.	
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09 APPROVED:12/01/99											
ESS 403	GLOBAL TECTONICS GLOBAL TECTONICS	AUT/2009 - AUT/9999	5.0	.		.		. . .	. . Y					.	
COMMENT:CHG TTL,CREDIT,DSC, COLLEGE				LAST UPDT: 8/12/09 APPROVED: 1/28/00											
ESS 406	EARTH SCI FOR TEACH EARTH SCIENCES FOR MIDDLE AND HIGH SCHOOL SCIENCE	AUT/2009 - AUT/9999	3.0	.		.		. . .	. . Y					.	
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09 APPROVED: 2/25/02											
ESS 408	GREAT ISSUES GREAT GEOLOGICAL ISSUES	AUT/2009 - AUT/9999	3.0	.		.		. . .	. . Y					.	
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09 APPROVED: 3/29/06											
ESS 410	MAR GEOL AND GEOPHY MARINE GEOLOGY AND GEOPHYSICS	AUT/2010 - AUT/9999	4.0	.		.		. . Y	. . Y			OCEAN 410	OCEAN 410	.	
COMMENT:CHG DESC, PREQ				LAST UPDT: 8/06/12 APPROVED: 1/25/06 FEE TYPE:1 \$50.00 BUDGET:099670 REV OBJ CD:943081											
ESS 411	CONTINUUM MECHANICS GEOPHYSICAL CONTINUUM MECHANICS	AUT/2010 - AUT/9999	5.0	.		.		. . .	. . Y					.	
COMMENT:CHG CREDITS				LAST UPDT: 3/15/10											
ESS 412	INTRO SEISMOLOGY INTRODUCTION TO SEISMOLOGY	AUT/2011 - AUT/9999	3.0	.		.		. . .	. . Y					.	
COMMENT:CHG TITLES, PREQ, DESC				LAST UPDT:12/20/10											
ESS 413	GEOPHYSICS EARTH GEOPHYSICS: THE EARTH	AUT/2009 - AUT/9999	3.0	.		.		. . .	. . Y					.	
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09											

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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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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	L	I	E	C	Q	T	P				&	N	C	M	S	N	M	I	T																		
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	.	.	.	.	.			.																											
						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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CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D D S H F L I E E W										RESPONS	JOINT	O			
						-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	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															
COMMENT:MOVE COLLEGE																					
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	AUT/2009 - AUT/9999		5.0	.	.	.	.	Y	.	Y	.	.	.	.	.				
						LAST UPDT: 8/06/12 APPROVED: 2/25/02											ESS	451	BIOL	451	.
						FEE TYPE:1 \$52.00 BUDGET:069377 REV OBJ CD:943081															
COMMENT:MOVE COLLEGE																					
ESS	452	VERTE PALEO VERTEBRATE PALEONTOLOGY	AUT/2010 - AUT/9999		5.0	.	.	.	.	Y	.	Y	.	.	.	.	.				
						LAST UPDT: 8/06/12 APPROVED:12/01/85											BIOL	450	BIOL	450	.
						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	U	GRD	E	U	N	E	P	&	N	C	M	S				N	A	S	W
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																			
ESS	459	ENV ISOTOPE GEOCHEM ENVIRONMENTAL ISOTOPE GEOLOGY	AUT/2009 - AUT/9999		3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 8/12/09 APPROVED:10/01/74																			
ESS	460	COSMOGENIC NUCLIDES COSMOGENIC NUCLIDES IN GEOMORPHOLOGY	AUT/2009 - AUT/9999		3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 8/12/09 APPROVED: 3/29/04																			
ESS	461	GEOLOGICAL TIME GEOLOGICAL TIME	AUT/2009 - AUT/9999		3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 8/12/09 APPROVED: 3/27/95																			
ESS	462	VOLCANIC PROCESSES VOLCANIC PROCESSES	AUT/2009 - AUT/9999		4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 8/12/09 APPROVED: 6/01/99																			
ESS	463	STRUCTURE TECTONICS STRUCTURE AND TECTONICS	AUT/2009 - AUT/9999		5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT: 8/06/12 APPROVED: 2/25/98 FEE TYPE:1 \$50.00 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 & ERTHQKE 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 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							
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							

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FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081

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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									
ESS 522	DATA COLCTN & ANLYS GEOPHYSICAL DATA COLLECTION AND ANALYSIS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED:11/01/81									

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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 G	RESPONS COURSE	JOINT COURSES	O M I T
ESS 523	INVERSE THEORY GEOPHYSICAL INVERSE THEORY	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 1/01/73									
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	.
COMMENT:MOVE JT COLLEGE					LAST UPDT: 1/11/10 APPROVED: 2/28/94									
ESS 527	CONTINENT-MARG SED CONTINENTAL-MARGIN SEDIMENTATION	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	OCEAN 546	OCEAN 546	.
COMMENT:MOVE JT COLLEGE					LAST UPDT: 2/10/10 APPROVED:11/21/05									
ESS 528	SEDIMENT STRUCTURES INTERPRETATION OF SEDIMENTARY STRUCTURES	AUT/2009 -	AUT/9999	2.0-04.0	4.0	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED:12/01/83									
ESS 529	FLD DYN HT/MS TRANS PRINCIPLES OF FLUID DYNAMICS, HEAT, AND MASS TRANSFER IN EARTH SCIENCES	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED:12/01/89									
ESS 531	PHYSICS OF ICE PHYSICS OF ICE	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	ATM S 510	ATM S 510	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09									
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	.
COMMENT:CHG TITLES					LAST UPDT: 4/18/11 APPROVED:11/01/81									
ESS 533	SNOW & ICE DYNAMICS DYNAMICS OF SNOW AND ICE MASSES	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	ESS 533	ATM S 512	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED:11/01/81									

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ESS 534	STRCTL GLACIOLOGY STRUCTURAL GLACIOLOGY	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	ESS 534	ATM S 513	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED:11/01/81								
ESS 535	ICE AND CLIMATE ICE AND CLIMATE	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	ESS 535	ATM S 514	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED:12/01/83								
ESS 537	ADVANCED MINERALOGY ADVANCED MINERALOGY	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	ESS 537	MSE 518	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 3/01/90								
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 545	ECON GEOL SED ROCKS ECONOMIC GEOLOGY OF SEDIMENTARY ROCKS	AUT/2009 -	AUT/9999	5.0	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09								
ESS 547	ENGINEERING GEOLOGY ENGINEERING GEOLOGY: METHODS AND APPLICATION	SPR/2012 -	AUT/9999	4.0	.	.	.	.	.	.			.
					LAST UPDT: 2/29/12 APPROVED: 2/28/12								
ESS 548	GEODYNAMICS GEODYNAMICS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 2/28/94								
ESS 549	GEOMAGNETISM GEOMAGNETISM	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 2/28/94								

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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: 8/12/09 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	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									

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ESS 559	CLIMATE MODELING CLIMATE MODELING	SPR/2010 -	AUT/9999	3.0	.	.	.	.	.	.	.	ATM S 559	ATM S 559	.
COMMENT:MOVE JT COLLEGE					LAST UPDT: 2/10/10 APPROVED: 6/20/07								OCEAN 558	
ESS 560	COSMOGENIC NUCLIDES COSMOGENIC NUCLIDES IN GEOMORPHOLOGY	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 3/29/04									
ESS 562	OBSERVATNAL SEISMOL OBSERVATIONAL SEISMOLOGY	AUT/2009 -	AUT/9999	1.0	18.0 Y	CR/NC	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09									
ESS 563	THEOR SEISMOLOGY I THEORETICAL SEISMOLOGY I	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09									
ESS 564	THEOR SEISMOLOGY II THEORETICAL SEISMOLOGY II	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09									
ESS 565	LOW-FREQ SEISMOLOGY LOW-FREQUENCY SEISMOLOGY	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09									
ESS 568	OCEANIC LITHOSPHERE OCEANIC LITHOSPHERE	AUT/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	OCEAN 545	OCEAN 545	.
COMMENT:CHG TITLES, DESC, PREQ					LAST UPDT: 4/18/11									
ESS 573	CLOUD PHYS & DYNAM CLOUD MICROPHYSICS AND DYNAMICS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	ATM S 535	ATM S 535	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09									
ESS 574	ATMOS ELEC DYNAMICS ATMOSPHERIC ELECTRICAL DYNAMICS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09									

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COLLEGE : D - Environment
DEPARTMENT: EARTH AND SPACE SCIENCES

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 S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
ESS 575	ROCKETS & INSTRUMNT ADVANCED ROCKETS AND INSTRUMENTATION	WIN/2012 - AUT/9999	2.0-04.0	12.0	.	.	.	. . Y	.	.	.	.	.	.
COMMENT:CHG CREDITS, DESC					LAST UPDT: 8/06/12 APPROVED: 2/17/09 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	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09									
ESS 577	ADV SPACE PLSM PHYS ADVANCED SPACE PLASMA PHYSICS	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09									
ESS 578	KINETIC PLASMAS KINETIC THEORY AND SIMULATION OF SPACE PLASMAS	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09									
ESS 579	COMP PLAS PHYS COMPUTATIONAL METHODS AND MODELING IN GEOPHYSICS I	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 5/24/93									
ESS 581	PLANET ATMOS PLANETARY ATMOSPHERES	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	ASTR 555 ASTR	555	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 9/01/77 ATM S 555									
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 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									

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COLLEGE : D - Environment
DEPARTMENT: EARTH AND SPACE SCIENCES

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DEPARTMENT: EARTH AND SPACE SCIENCES										V	L	E	E	W		O			
COURSE CURRIC NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	D U P	GRD SYS	D E HYPH	S U M	H R E	F E	P A	I S	& N	E C M	Q T P	R G	RESPONS COURSE	JOINT COURSES	M I T
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	INDEPDNT 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 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																			