

DATE: 10-10-2011
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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 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 S N G	RESPONS COURSE	JOINT COURSES	O M I T	
ESS 100	DINOSAURS DINOSAURS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	2.0												
					LAST UPDT: 8/12/09 APPROVED:12/01/85										
ESS 101	INTRO TO GEOL SCI INTRODUCTION TO GEOLOGICAL SCIENCES COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0												
					LAST UPDT: 8/12/09 APPROVED: 1/01/82 FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081										
ESS 102	SPACE&SPACE TRAVEL SPACE AND SPACE TRAVEL COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0												
					LAST UPDT: 8/12/09 FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081										
ESS 103	MINERALS AND GEMS MINERALS AND GEMS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0												
					LAST UPDT: 8/12/09 APPROVED: 9/24/01 FEE TYPE:1 \$11.00 BUDGET:069340 REV OBJ CD:943081										
ESS 104	PREHISTORIC LIFE PREHISTORIC LIFE COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0												
					LAST UPDT: 8/12/09 APPROVED: 1/30/03 FEE TYPE:1 \$10.00 BUDGET:069340 REV OBJ CD:943081										
ESS 105	PROCESSES & HAZARDS THE EARTH: ITS PROCESSES AND HAZARDS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0												
					LAST UPDT: 8/12/09 APPROVED: 4/28/03 FEE TYPE:1 \$15.00 BUDGET:069340 REV OBJ CD:943081										
ESS 106	LIVING WITH VOLCANO LIVING WITH VOLCANOES COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0												
					LAST UPDT: 8/12/09 APPROVED: 4/28/03										
ESS 107	ENVIRON WASH GEOL ENVIRONMENTS OF WASHINGTON THROUGH GEOLOGIC TIME COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0												
					LAST UPDT: 8/12/09 APPROVED: 6/10/03										
ESS 115	INTRO ASTROBIOLOGY ASTROBIOLOGY: LIFE IN THE UNIVERSE COMMENT:MOVE JT COLLEGE	SPR/2010 - AUT/9999	5.0												
					LAST UPDT: 2/10/10 APPROVED: 2/27/04										
													ASTBI0115	ASTBI0115	
													OCEAN	115	
													ASTR	115	
													BIOL	114	
ESS 201	EARTH CLIMATE THE EARTH SYSEM AND CLIMATE COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0												
					LAST UPDT: 8/12/09 APPROVED: 6/27/01										
ESS 202	EARTHQUAKES EARTHQUAKES COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0												
					LAST UPDT: 8/12/09 APPROVED: 3/13/97 FEE TYPE:1 \$15.00 BUDGET:069340 REV OBJ CD:943081										

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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 L R	RESPONS COURSE	JOINT COURSES	O M I T
					MAX	P	SYS	D	HYPH	M R E	A S W T P R G		
ESS	203	GLACIERS/GLBL CHNGE GLACIERS AND GLOBAL CHANGE COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0						Y	Y		
					LAST	UPDT:	8/12/09	APPROVED:	9/28/98				
					FEE TYPE:1	\$12.00	BUDGET:069340	REV	OBJ	CD:943081			
ESS	205	ACCESS TO SPACE ACCESS TO SPACE COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0						Y	Y		
					LAST	UPDT:	8/12/09	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 COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0-12.0	12.0						Y		
					LAST	UPDT:	8/12/09	APPROVED:	7/13/05				
ESS	210	PHYSICAL GEOLOGY PHYSICAL GEOLOGY COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0						Y	Y		
					LAST	UPDT:	8/12/09	APPROVED:	1/01/82				
					FEE TYPE:1	\$20.00	BUDGET:069340	REV	OBJ	CD:943081			
ESS	211	PHYS PROC EARTH PHYSICAL PROCESS OF THE EARTH COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0						Y	Y		
					LAST	UPDT:	8/12/09	APPROVED:	3/17/97				
					FEE TYPE:1	\$26.00	BUDGET:069340	REV	OBJ	CD:943081			
ESS	212	EARTH MATERIALS EARTH MATERIALS AND PROCESSES COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0						Y	Y		
					LAST	UPDT:	8/12/09	APPROVED:	9/22/97				
					FEE TYPE:1	\$15.00	BUDGET:069340	REV	OBJ	CD:943081			
ESS	213	EVOLUTION OF EARTH EVOLUTION OF THE EARTH COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0						Y	Y		
					LAST	UPDT:	8/12/09	APPROVED:	9/22/97				
					FEE TYPE:1	\$40.00	BUDGET:069340	REV	OBJ	CD:943081			
ESS	230	RIVERS AND BEACHES RIVERS AND BEACHES COMMENT:MOVE JT COLLEGE	SPR/2010 - AUT/9999	3.0-05.0						Y	Y	ESS 230 OCEAN 230	
					LAST	UPDT:	2/10/10	APPROVED:	4/28/03				
					FEE TYPE:1	\$50.00	BUDGET:069340	REV	OBJ	CD:943081			
ESS	301	GEOL OF NORTHWEST GEOLOGY OF THE NORTHWEST COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0						Y	Y		
					LAST	UPDT:	8/12/09						
					FEE TYPE:1	\$25.00	BUDGET:069340	REV	OBJ	CD:943081			
ESS	302	GREAT ICE AGE GREAT ICE AGE COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0						Y	Y		
					LAST	UPDT:	8/12/09	APPROVED:	10/01/85				
					FEE TYPE:1	\$20.00	BUDGET:069340	REV	OBJ	CD:943081			
ESS	303	GEOLOGIC HAZARDS GEOLOGIC HAZARDS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0							Y		
					LAST	UPDT:	8/12/09	APPROVED:	12/06/91				

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CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		GRD	D	S H F	V	L I	E E	W	RESPONS	JOINT	O
						-ALL	U										
						MAX	P	SYS	D			A	S	T	COURSE	COURSES	I
ESS	304	NW VOLC AND GLAC VOLCANOES AND GLACIERS OF THE PACIFIC NORTHWEST COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999		5.0												
						LAST	UPDT:	1/15/10	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 COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999		5.0												
						LAST	UPDT:	8/12/09	APPROVED:	12/01/89							
						FEE TYPE:1		\$30.00	BUDGET:	069340	REV	OBJ	CD:	943081			
ESS	306	PLANETARY GEOLOGY PLANETARY GEOLOGY COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999		5.0												
						LAST	UPDT:	8/12/09	APPROVED:	12/10/90							
ESS	311	GEOMECHANICS GEOMECHANICS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999		5.0												
						LAST	UPDT:	8/12/09	APPROVED:	2/25/98							
						FEE TYPE:1		\$10.00	BUDGET:	069340	REV	OBJ	CD:	943081			
ESS	312	GEOCHEMISTRY GEOCHEMISTRY COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999		5.0												
						LAST	UPDT:	8/12/09	APPROVED:	2/25/98							
ESS	313	GEOBIOLOGY GEOBIOLOGY COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999		5.0												
						LAST	UPDT:	8/12/09	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 COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999		5.0												
						LAST	UPDT:	8/12/09	APPROVED:	10/29/03							
ESS	315	ENVIR EARTH SCI ENVIRONMENTAL EARTH SCIENCE COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999		5.0										ESS	315 ENVIR 313	
						LAST	UPDT:	8/12/09	APPROVED:	3/01/76							
						FEE TYPE:1		\$20.00	BUDGET:	069340	REV	OBJ	CD:	943081			
ESS	320	CHANGING RIVERS CHANGING RIVERS OF PUGET SOUND COMMENT:PENDING	SPR/2011 - AUT/9999		5.0										ESS	320 ENVIR 320 AIS 320	
						LAST	UPDT:	2/04/11	APPROVED:	12/21/10							
ESS	326	GEOMORPHOLOGY GEOMORPHOLOGY COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999		5.0												
						LAST	UPDT:	8/12/09	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 COMMENT:MOVE COLLEGE	AUT/2009 - WIN/2012		3.0												
						LAST	UPDT:	9/15/11	APPROVED:	9/24/01							
						FEE TYPE:1		\$50.00	BUDGET:	069340	REV	OBJ	CD:	943081			

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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 M T P R	W R Q T S N G	RESPONS COURSE	JOINT COURSES	O M I T
ESS 414	FLUIDS GEOPHYSICS: FLUIDS COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT:	8/12/09								.
ESS 415	SPACE AND PLASMAS SPACE AND PLASMAS COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	Y
					LAST UPDT:	8/12/09								.
ESS 416	GEOPHYS ATMOS GEOPHYSICS-THE ATMOSPHERE COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT:	8/12/09		APPROVED:	10/12/72					.
ESS 418	GEOSCIENCE COMM GEOSCIENCE COMMUNICATON	WIN/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:	10/29/10		APPROVED:	6/15/10					.
ESS 421	INTRO REMOT SENSING INTRO TO GEOLOGICAL REMOTE SENSING COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT:	8/12/09		APPROVED:	6/01/81					.
ESS 422	SPECTRL REMOTE SENS INTERMEDIATE SPECTRAL REMOTE SENSING COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT:	8/12/09		APPROVED:	9/20/99					.
ESS 424	WATER IN ENVIRONMNT WATER IN THE ENVIRONMENT COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT:	8/12/09		APPROVED:	2/25/00			ESS 424 ATM S 460 PHYS 460		.
ESS 426	FLUVIAL GEOMORPH FLUVIAL GEOMORPHOLOGY COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT:	8/12/09		APPROVED:	1/01/79					.
					FEE TYPE:1	\$40.00	BUDGET:069340	REV OBJ CD:943081						
ESS 427	HILLSLOPE GEOMORPH HILLSLOPE GEOMORPHOLOGY COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT:	8/12/09		APPROVED:	1/01/79					.
ESS 428	LANDSCAPE EVOLUTION LANDSCAPE EVOLUTION COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT:	8/12/09		APPROVED:	2/25/98					.
ESS 431	PRINS OF GLACIOLOGY PRINCIPLES OF GLACIOLOGY COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.
					LAST UPDT:	8/12/09		APPROVED:	6/01/89					.
					FEE TYPE:1	\$17.00	BUDGET:069340	REV OBJ CD:943081						

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COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	GRD SYS	D E D HYPH	S H F U N E M R E	V L I P & N A S W	E E L C M T P R	W R G	RESPONS COURSE	JOINT COURSES	O M I T
ESS 432	GLACIAL GEOLOGY GLACIAL GEOLOGY COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0		LAST UPDT: 8/12/09			APPROVED:12/01/79	Y					
ESS 433	ENV OF GLACIAL AGES ENVIRONMENTAL CHANGE IN THE GLACIAL AGES COMMENT:CHG CREDITS, DROP JT STATUS	AUT/2010 - AUT/9999	5.0		LAST UPDT: 4/19/10			APPROVED:12/01/85	Y					
ESS 435	GLACIAL PERIGLACIAL GLACIAL-PERIGLACIAL GEOMORPHOLOGY	SPR/2011 - AUT/9999	3.0		LAST UPDT:12/21/10			APPROVED:12/21/10	Y					
ESS 437	MINERALOGY MINERALOGY COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0		LAST UPDT: 8/12/09			APPROVED:10/26/99	Y					
ESS 439	PETRG/PETRL IGN RCK PETROGRAPHY AND PETROLOGY OF IGNEOUS ROCKS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0		LAST UPDT: 8/12/09				Y					
ESS 440	PETRO/PETRL META RK PETROGRAPHY AND PETROLOGY OF METAMORPHIC ROCKS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0		LAST UPDT: 8/12/09				Y					
ESS 441	PETRG/PETRL SED RCK PETROLOGY AND PETROGRAPHY OF SEDIMENTARY ROCKS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0		LAST UPDT: 8/12/09			APPROVED:12/01/81	Y					
ESS 445	GEOL OF ORE DEPOSIT GEOLOGY OF ORE DEPOSITS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0		LAST UPDT: 8/12/09			APPROVED: 6/01/77	Y	Y				
					FEE TYPE:1	\$50.00	BUDGET:069340	REV OBJ CD:943081						
ESS 450	PALEOBIOLOGY PALEOBIOLOGY COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0		LAST UPDT: 8/12/09			APPROVED: 2/01/82	Y	Y				
					FEE TYPE:1	\$20.00	BUDGET:069340	REV OBJ CD:943081						
ESS 451	INVERT PALEONTOLOGY INVERTEBRATE PALEONTOLOGY COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0		LAST UPDT:11/04/10			APPROVED: 2/25/02	Y	Y		ESS 451 BIOL	451	
					FEE TYPE:1	\$45.00	BUDGET:069377	REV OBJ CD:943081						
ESS 452	VERTE PALEO VERTEBRATE PALEONTOLOGY COMMENT:EMAIL PREQ CHG	AUT/2010 - AUT/9999	5.0		LAST UPDT: 3/16/10			APPROVED:12/01/85	Y	Y		BIOL 450 BIOL	450	
					FEE TYPE:1	\$40.00	BUDGET:069377	REV OBJ CD:943081						

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						-ALL U	GRD	E	U N E	L I	E C Q	R	M			
						MAX P	SYS D	HYPH M R E	P & A	N S W	C M T	S P R	G	COURSE	COURSES	I
ESS	464	GEODYNAMICS GEODYNAMICS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	4.0							Y					.
									LAST UPDT: 8/12/09		APPROVED: 2/28/94					
ESS	465	SEIS & EARTHQKE ENGR SEISMOLOGY AND EARTHQUAKE ENGINEERING COMMENT:EMAIL PREQ CHG	AUT/2010 - AUT/9999	3.0							Y			CEE	431 CEE	431 .
									LAST UPDT: 5/26/10		APPROVED: 2/25/02					
ESS	466	APPLIED SEISMOLOGY APPLIED SEISMOLOGY COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	2.0							Y					.
									LAST UPDT: 8/12/09		APPROVED: 1/01/88					
ESS	467	SEIS EXPLR & STRAT SEISMIC EXPLORATION AND STRATIGRAPHY COMMENT:CHG TITLES, PREQ, DESC	WIN/2010 - AUT/9999	5.0							Y			ESS	467 OCEAN	412 .
									LAST UPDT: 1/11/10		APPROVED:12/01/89					
ESS	471	INTRO TO SPACE PHYS INTRODUCTION TO SPACE PHYSICS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0							Y					.
									LAST UPDT: 8/12/09		APPROVED: 9/27/91					
ESS	472	ROCKETS & INSTRUMNT ROCKETS AND INSTRUMENTATION COMMENT:CHG PREQ	SPR/2010 - AUT/2011	2.0							Y					.
									LAST UPDT: 9/19/11		APPROVED: 2/21/07					
									FEE TYPE:1	\$50.00	BUDGET:069340	REV OBJ CD:943081				
ESS	472	ROCKETS & INSTRUMNT ROCKETS AND INSTRUMENTATION COMMENT:CHG CREDITS, DESC	WIN/2012 - AUT/9999	2.0-04.0	12.0						Y					.
									LAST UPDT: 9/19/11		APPROVED: 2/21/07					
									FEE TYPE:1	\$50.00	BUDGET:069340	REV OBJ CD:943081				
ESS	475	CLMT SCI RSRCH SMNR CURRENT RESERACH IN CLIMATE SCIENCE SEMINAR	AUT/2011 - AUT/9999	3.0										OCEAN	475 OCEAN	475 .
									LAST UPDT: 1/26/11		APPROVED: 1/18/11			ATM S	475	
ESS	489	HONORS SEMINAR HONORS SEMINAR COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0												.
									LAST UPDT: 8/12/09		APPROVED: 6/13/06					
ESS	490	SPECIAL TOPICS SPECIAL TOPICS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	1.0-10.0	20.0	Y					Y					.
									LAST UPDT: 8/12/09		APPROVED: 9/27/91					
ESS	492	TEACHING OUTREACH UNDERGRADUATE TEACHING EXPERIENCE AND OUTREACH COMMENT:CHG CREDITS	AUT/2011 - AUT/9999	1.0-03.0	12.0						Y					.
									LAST UPDT: 6/20/11		APPROVED: 2/25/98					

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						-ALL U	GRD	E	U N E	L I	E C Q T	R			
						MAX P	SYS D	HYPH M R E	P & N C M S N	A S W T P R G					
ESS	495	NASA RSRCH SEMINAR NASA SCIENCE AND ENGINEERING RESEARCH SEMINAR COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	1.0	4.0	CR/NC	.	.	.	Y	.	.	.	.	.
						LAST UPDT: 8/12/09		APPROVED:10/29/90							.
ESS	498	UNDERGRAD THESIS UNDERGRADUATE THESIS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.	.
						LAST UPDT: 8/12/09									.
ESS	499	UNDERGRAD RESEARCH UNDERGRADUATE RESEARCH COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	0.0	15.0	Y	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/12/09		APPROVED: 2/01/87							.
ESS	501	GEOCHEMICAL SYSTEMS GEOCHEMICAL STYSTEMS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/12/09		APPROVED: 6/13/06							.
ESS	502	THE SOLID EARTH THE SOLID EARTH COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/12/09		APPROVED: 6/13/06							.
ESS	503	SOLAR TERRESTR PHYS SOLAR TERRESTRIAL PHYSICS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/12/09		APPROVED: 8/08/06							.
ESS	504	EARTH SURFACE THE EARTH SURFACE: LITHOSPHERIC AND SURFACE PROCES COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0	.	.	.	.	Y	.	.	.	.	.	.
						LAST UPDT: 8/12/09		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							.
ESS	508	GREAT GEOL ISSUES GREAT GEOLOGICAL ISSUES COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/12/09		APPROVED: 3/29/06							.
ESS	511	CONTINUUM MECHANICS GEOPHYSICAL CONTINUUM MECHANICS COMMENT:CHG CREDITS	AUT/2010 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 3/15/10		APPROVED: 1/24/95							.
ESS	512	INTRO SEISMOLOGY INTRODUCTION TO SEISMOLOGY COMMENT:CHG TITLES, DESC, PREQ	AUT/2011 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:12/20/10		APPROVED: 1/24/95							.

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ESS 513	THE EARTH GEOPHYSICS: THE EARTH COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0										
					LAST UPDT:	8/12/09		APPROVED:	1/24/95					
ESS 514	FLUIDS GEOPHYSICS: FLUIDS COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0										
					LAST UPDT:	8/12/09		APPROVED:	1/24/95					
ESS 515	SPACE GEOPHYSICS: SPACE COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0										
					LAST UPDT:	8/12/09		APPROVED:	1/24/95					
ESS 516	THE ATMOSPHERE GEOPHYSICS: THE ATMOSPHERE COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0										
					LAST UPDT:	8/12/09		APPROVED:	1/24/95					
ESS 517	EARTH EVOLUTION EARLY EARTH EVOLUTION COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0										
					LAST UPDT:	8/12/09		APPROVED:	2/28/03					
ESS 522	DATA COLCTN & ANLYS GEOPHYSICAL DATA COLLECTION AND ANALYSIS COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0										
					LAST UPDT:	8/12/09		APPROVED:	11/01/81					
ESS 523	INVERSE THEORY GEOPHYSICAL INVERSE THEORY COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0										
					LAST UPDT:	8/12/09		APPROVED:	1/01/73					
ESS 524	HEAT&MASS FLOWMODEL NUMERICAL HEAT AND MASS FLOW MODELING IN THE EARTH	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 COMMENT:MOVE JT COLLEGE	WIN/2010 -	AUT/9999	4.0								OCEAN 542	OCEAN 542	
					LAST UPDT:	1/11/10		APPROVED:	2/28/94					
ESS 527	CONTINENT-MARG SED CONTINENTAL-MARGIN SEDIMENTATION COMMENT:MOVE JT COLLEGE	SPR/2010 -	AUT/9999	3.0								OCEAN 546	OCEAN 546	
					LAST UPDT:	2/10/10		APPROVED:	11/21/05					
ESS 528	SEDIMENT STRUCTURES INTERPRETATION OF SEDIMENTARY STRUCTURES COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	2.0-04.0	4.0									
					LAST UPDT:	8/12/09		APPROVED:	12/01/83					

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ESS	529	FLD DYN HT/MS TRANS PRINCIPLES OF FLUID DYNAMICS, HEAT AND MASS TRANSF COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0	LAST UPDT:	8/12/09			APPROVED:	12/01/89	.	.	.	.
ESS	531	PHYSICS OF ICE PHYSICS OF ICE COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0	LAST UPDT:	8/12/09			.	.	.	ATM S 510	ATM S 510	.
ESS	532	FORMATION SNOW &ICE FORMATION OF SNOW AND ICE MASSES COMMENT:MOVE COLLEGE	AUT/2009 - WIN/2012	3.0	LAST UPDT:	4/18/11			APPROVED:	11/01/81	.	ESS 532	ATM S 511	.
ESS	532	SNOW & ICE ON EARTH SNOW AND ICE ON THE EARTH'S SURFACE COMMENT:CHG TITLES	SPR/2012 - AUT/9999	3.0	LAST UPDT:	4/18/11			APPROVED:	11/01/81	.	ESS 532	ATM S 511	.
ESS	533	SNOW & ICE DYNAMICS DYNAMICS OF SNOW AND ICE MASSES COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0	LAST UPDT:	8/12/09			APPROVED:	11/01/81	.	ESS 533	ATM S 512	.
ESS	534	STRCTL GLACIOLOGY STRUCTURAL GLACIOLOGY COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0	LAST UPDT:	8/12/09			APPROVED:	11/01/81	.	ESS 534	ATM S 513	.
ESS	535	ICE AND CLIMATE ICE AND CLIMATE COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0	LAST UPDT:	8/12/09			APPROVED:	12/01/83	.	ESS 535	ATM S 514	.
ESS	537	ADVANCED MINERALOGY ADVANCED MINERALOGY COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0	LAST UPDT:	8/12/09			APPROVED:	3/01/90	.	ESS 537	MSE 518	.
ESS	538	PETROGEN IGN ROCKS PETROGENESIS OF IGNEOUS ROCKS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	3.0	LAST UPDT:	8/12/09			APPROVED:	12/01/81	.	.	.	.
ESS	540	ADV IGNEOUS PETROL ADVANCED IGNEOUS PETROLOGY COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	4.0	LAST UPDT:	8/12/09			APPROVED:	3/01/71	.	.	.	.
ESS	545	ECON GEOL SED ROCKS ECONOMIC GEOLOGY OF SEDIMENTARY ROCKS COMMENT:MOVE COLLEGE	AUT/2009 - AUT/9999	5.0	LAST UPDT:	8/12/09			.	.	.	.	.	.

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ESS 548	GEODYNAMICS GEODYNAMICS COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0										
					LAST UPDT: 8/12/09 APPROVED: 2/28/94									
ESS 549	GEOMAGNETISM GEOMAGNETISM COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0										
					LAST UPDT: 8/12/09 APPROVED: 2/28/94									
ESS 550	EMAG & POTEN FIELDS ELECTROMAGNETIC AND POTENTIAL FIELD METHODS COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0										
					LAST UPDT: 8/12/09 APPROVED: 2/28/94									
ESS 551	MINERAL PHYSICS MINERAL PHYSICS COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0										
					LAST UPDT: 8/12/09 APPROVED: 2/28/94									
ESS 552	SOLUTION GEOCHEM SOLUTION GEOCHEMISTRY COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	4.0										
					LAST UPDT: 8/12/09 APPROVED:11/01/75									
ESS 553	ELEC BEAM ANALYSIS ELECTRON BEAM MICROANALYSIS COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	4.0										
					LAST UPDT: 8/12/09 APPROVED:12/01/85									
ESS 554	PALEOCLIMAT PROXIES PALEOCLIMATE PROXIES	SPR/2010 -	AUT/9999	3.0									ATM S 554 OCEAN 554	ATM S 554 OCEAN 554
					LAST UPDT: 8/12/09 APPROVED:12/16/08									
ESS 555	PHYS CHEM EARTH PHYSICS AND CHEMISTRY OF THE EARTH'S INTERIOR COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0										
					LAST UPDT: 8/12/09 APPROVED: 3/28/94									
ESS 556	PHYSICAL PETROLOGY PHYSICAL PETROLOGY COMMENT:MOVE COLLEGE	AUT/2009 -	AUT/9999	3.0										
					LAST UPDT: 8/12/09 APPROVED:12/01/89									
ESS 557	VERTE PALEO VERTEBRATE PALEONTOLOGY	SPR/2010 -	AUT/9999	5.0									BIOL 557 OCEAN 557	BIOL 557 OCEAN 557
					LAST UPDT: 3/12/10 APPROVED: 5/19/09 FEE TYPE:1 \$40.00 BUDGET:069377 REV OBJ CD:943081									
ESS 559	CLIMATE MODELING CLIMATE MODELING COMMENT:MOVE JT COLLEGE	SPR/2010 -	AUT/9999	3.0									ATM S 559 OCEAN 559	ATM S 559 OCEAN 559
					LAST UPDT: 2/10/10 APPROVED: 6/20/07									

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