

DATE: 01-20-2015
TIME: 20:10:13

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							
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		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		TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D	D	S H F	V	E E	L	E C Q	W R	RESPONS	JOINT	O M			
CURRIC	NUM					MAX	U P	GRD	E	U N E	L I	P & N	C M S				T P R	G	COURSE
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													
						COMMENT:ADD AOK 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													
						COMMENT:CHG AOK, DESC FEE TYPE:1 \$12.00 BUDGET:069340 REV OBJ CD:943081													
ESS	204	PALEOBI MASS EXTNCT The Paleobiology and Geobiology of Mass Extinctions	WIN/2015 -	AUT/9999	3.0-04.0	.	.	.	.	.	Y	.	.	.	.	.			
						LAST UPDT:11/19/14 APPROVED:11/18/14													
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													
						COMMENT:MOVE COLLEGE 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													
						COMMENT:MOVE COLLEGE FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081													
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													
						COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$26.00 BUDGET:069340 REV OBJ CD:943081													

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CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D D S H F L I E E W													RESPONS	JOINT	O M I T	
						-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	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																
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																
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													ESS	230	OCEAN 230	.
						FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081																
ESS	301	GEOL OF NORTHWEST Geology of the Northwest	AUT/2009	- AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.			
						LAST UPDT: 8/06/12																
						FEE TYPE:1 \$25.00 BUDGET:069340 REV OBJ CD:943081																
ESS	302	GREAT ICE AGE Great Ice Age	AUT/2009	- AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.			
						LAST UPDT: 8/06/12 APPROVED:10/01/85																
						FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081																
ESS	303	GEOLOGIC HAZARDS GEOLGOIC HAZARDS	AUT/2009	- AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.			
						LAST UPDT:12/11/12 APPROVED:12/06/91																
						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																
ESS	305	GEOL NATIONAL PARKS Geology of the National Parks	AUT/2009	- AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.			
						LAST UPDT: 8/06/12 APPROVED:12/01/89																
						FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081																
ESS	306	PLANETARY GEOLOGY Planetary Geology	AUT/2009	- AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.			
						LAST UPDT: 8/12/09 APPROVED:12/10/90																
						COMMENT:MOVE COLLEGE																

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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													
ESS 311	GEOMECHANICS Geomechanics	AUT/2012 -	AUT/9999	5.0	.	.	.	Y	.	Y	.	.	.
LAST UPDT: 9/28/12 APPROVED: 2/25/98													
COMMENT:CHG PREQ 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													
COMMENT:MOVE COLLEGE 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													
COMMENT:MOVE COLLEGE 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													
COMMENT: DING FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081													
ESS 326	GEOMORPHOLOGY Geomorphology	AUT/2012 -	AUT/9999	5.0	.	.	.	Y	.	Y	.	.	.
LAST UPDT: 9/28/12 APPROVED: 2/25/98													
COMMENT:CHG PREQ 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	.	.	.
LAST UPDT: 8/06/12 APPROVED: 9/24/01													
COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081													

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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														
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									
COMMENT:MOVE COLLEGE					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	.	.	.	.
					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	.	.	.	.
					LAST UPDT: 8/06/12 APPROVED: 1/25/06									
COMMENT:CHG DESC, PREQ					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	.	.	.	.
					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														

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ESS 413	GEOPHYSICS EARTH Geophysics: The Earth	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/12/09									
COMMENT:MOVE COLLEGE														
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	.	.	.	.
					LAST UPDT: 9/06/12 APPROVED: 2/25/00									
COMMENT:MOVE COLLEGE														
ESS 424 ATM S 460														.
PHYS 460														.

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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
ESS	426	FLUVIAL GEOMORPH Fluvial Geomorphology	AUT/2012	- AUT/9999	5.0	.	.	.	.	Y	.	.	.	.	.	.	.			
						LAST UPDT: 9/28/12 APPROVED: 1/01/79														
						FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081														
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														
						COMMENT:MOVE COLLEGE														
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														
						COMMENT:MOVE COLLEGE														
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														
						COMMENT:CHG CREDITS, DROP JT STATUS														
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														
						COMMENT:MOVE COLLEGE														
ESS	439	PETRG/PETRL IGN RCK Petrology of Igneous Rocks	AUT/2009	- AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.			
						LAST UPDT: 8/12/09														
						COMMENT:MOVE COLLEGE														

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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 COMMENT:MOVE COLLEGE									
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 COMMENT:MOVE COLLEGE									
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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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 Q T M S P R G	RESPONS COURSE	JOINT COURSES	O M I T
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									

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

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						-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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						-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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FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081

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COURSE TITLE EFFECTIVE QUARTERS CREDITS							OVER D -ALL U GRD E S H F V L I E E W R P & N C M S N A S W T P R G								M O I T											
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ESS	527	HILLSLOPE GEOMORPH Hillslope Geomorphology	WIN/2014 - AUT/9999	5.0	.	.	. . Y	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/10/14 APPROVED:11/19/13																						
				COMMENT:400-500, 1/10/14 FEE FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081																						
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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/12/09 APPROVED:11/01/81																						
				COMMENT:MOVE COLLEGE																						
ESS	534	STRCTL GLACIOLOGY STRUCTURAL GLACIOLOGY	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/12/09 APPROVED:12/01/83																						
				COMMENT:MOVE COLLEGE																						
ESS	537	ADVANCED MINERALOGY Advanced Mineralogy	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				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	.	.	.	Y	.	.	.	.	.
COMMENT:FEE 1-15					LAST UPDT: 1/02/15 APPROVED:11/19/13 FEE TYPE:1 \$35.00 BUDGET:069340 REV OBJ CD:943081								
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		TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D	D	S H F	V	E E	W	RESPONS	JOINT	O
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					MAX	P	SYS	D HYPH	M R E	A S W T P R G	COURSE	COURSES	I
ESS	549	GEOMAGNETISM GEOMAGNETISM	AUT/2009 - AUT/9999	3.0		.		.					.
					LAST UPDT: 8/12/09		APPROVED: 2/28/94						
COMMENT:MOVE COLLEGE													
ESS	550	EMAG & POTEN FIELDS Electromagnetic and Potential Field Methods	AUT/2009 - AUT/9999	3.0		.		.					.
					LAST UPDT: 8/12/09		APPROVED: 2/28/94						
COMMENT:MOVE COLLEGE													
ESS	551	MINERAL PHYSICS Mineral Physics	AUT/2009 - AUT/9999	3.0		.		.					.
					LAST UPDT: 8/12/09		APPROVED: 2/28/94						
COMMENT:MOVE COLLEGE													
ESS	552	SOLUTION GEOCHEM SOLUTION GEOCHEMISTRY	AUT/2009 - AUT/9999	4.0		.		.					.
					LAST UPDT:12/11/12		APPROVED:11/01/75						
COMMENT:MOVE COLLEGE													
ESS	553	ELEC BEAM ANALYSIS Electron Beam Microanalysis	AUT/2009 - AUT/9999	4.0		.		.					.
					LAST UPDT: 8/12/09		APPROVED:12/01/85						
COMMENT:MOVE COLLEGE													
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		.		.					.
					LAST UPDT: 8/12/09		APPROVED: 3/28/94						
COMMENT:MOVE COLLEGE													
ESS	556	PHYSICAL PETROLOGY PHYSICAL PETROLOGY	AUT/2009 - AUT/9999	3.0		.		.					.
					LAST UPDT: 8/12/09		APPROVED:12/01/89						
COMMENT:MOVE COLLEGE													
ESS	557	VERTE PALEO Vertebrate Paleontology	WIN/2014 - AUT/9999	5.0		.		.		. . Y	BIOL 557	BIOL 557	.
					LAST UPDT:11/06/13		APPROVED: 5/19/09						
COMMENT:CHG FEE					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									
					FEE TYPE:1 \$175.00 BUDGET:069340 REV OBJ CD:943081									
COMMENT:CHG CREDITS, DESC														
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														
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 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														