

DATE: 01-19-2016
TIME: 20:10:04

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 974

COLLEGE : D - Environment
DEPARTMENT: EARTH AND SPACE SCIENCES

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 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	.	.	.	.
					LAST UPDT: 2/10/10 APPROVED: 2/27/04									
COMMENT:MOVE JT COLLEGE														
														OCEAN 115
														ASTR 115
														BIOL 114

DATE: 01-19-2016
TIME: 20:10:04

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 975

COLLEGE : D - Environment
DEPARTMENT: EARTH AND SPACE SCIENCES

COURSE CURRIC NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D -ALL U MAX P	D GRD E SYS D	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 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						
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						
					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	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								

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
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DEPARTMENT: EARTH AND SPACE SCIENCES

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COURSE		TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D	D	S H F	V	E	E	W	RESPONS		JOINT	M
CURRIC	NUM				MAX	-ALL U	GRD	E	U N E	L I	L	E C Q T	P & N C M S N	COURSE	COURSES

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		ESS	315	ENVIR	313	.	.
					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		ESS	320	ENVIR	320	.	.
					LAST UPDT: 8/05/14		APPROVED:12/21/10								
					COMMENT: DING		FEE TYPE:1		\$30.00 BUDGET:069340 REV OBJ CD:943081						
									AIS 320						
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 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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REPORT: SR21010-R-01 K
PAGE: 978

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DEPARTMENT: EARTH AND SPACE SCIENCES

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 Q T S N G	RESPONS COURSE	JOINT COURSES	O M I T
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: 7/23/15									
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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REPORT: SR21010-R-01 K
PAGE: 979

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DEPARTMENT: EARTH AND SPACE SCIENCES

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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														.

REPORT: SR21010-R-01 K
PAGE: 980

DEPARTMENT: EARTH AND SPACE SCIENCES															O						
CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER	D	GRD	D	S	F	V	L	E	E	W	R	RESPONS	JOINT	M	
						-ALL	U		E	U	N	E	P	I	E	C	Q				T
						MAX	P	SYS	D	HYPH	M	R	A	S	W	T	P	R	COURSE	COURSES	I
ESS	425	TECTONIC GEOMORPH Tectonic Geomorphology	SPR/2016	- AUT/9999	3.0		.		.		.	.	.	.	.	.	.			.	
						LAST UPDT:11/19/15		APPROVED:11/17/15													
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													
ESS	427	HILLSLOPE GEOMORPH Hillslope Geomorphology	AUT/2013	- AUT/9999	5.0		.		.		.	Y	.	.	Y	.	.			.	
						LAST UPDT: 8/20/13		APPROVED: 1/01/79													
COMMENT:ADD FEE						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													
COMMENT:UPDATE PREQ						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													
COMMENT:MOVE COLLEGE																					
ESS	437	MINERALOGY Mineralogy	AUT/2009	- AUT/9999	5.0		.		.		.	.	.	.	Y	.	.			.	
						LAST UPDT: 8/12/09		APPROVED:10/26/99													
COMMENT:MOVE COLLEGE																					

REPORT: SR21010-R-01 K
PAGE: 981

DEPARTMENT: EARTH AND SPACE SCIENCES																								
CURRIC	NUM	TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		D		S H F		V		E E		W		RESPONS	JOINT			O		
						-ALL	U	GRD	E	U	N	E	L	I	E	C	Q		T	P	&		N	C
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																		
ESS	440	PETRO/PETRL META RK Petrography and Petrology of Metamorphic Rocks	AUT/2009	- AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.				.		
						LAST UPDT: 8/12/09																		
						COMMENT:MOVE COLLEGE																		
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																		
						COMMENT:MOVE COLLEGE FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081																		
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																		
						COMMENT:ADD FEE FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081																		
ESS	449	BIOL FIELD METHODS Intensive Field Experience in Biology	SUM/2015	- AUT/9999	3.0-05.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	BIOL	475	BIOL	475	.	
						LAST UPDT: 6/04/15 APPROVED:12/21/10																		
						COMMENT:CHG CREDITS FEE TYPE:1 \$120.00 BUDGET:069377 REV OBJ CD:943081																		
ESS	450	PALEOBIOLOGY Paleobiology	AUT/2009	- AUT/9999	3.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.				.		
						LAST UPDT: 8/06/12 APPROVED: 2/01/82																		
						COMMENT:MOVE COLLEGE FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081																		
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																		
						COMMENT:CHG FEE FEE TYPE:1 \$57.00 BUDGET:069377 REV OBJ CD:943081																		
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																		
						COMMENT:CHG FEE FEE TYPE:1 \$50.00 BUDGET:069377 REV OBJ CD:943081																		

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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	WIN/2015 -	AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 6/04/14 APPROVED: 5/19/09									
COMMENT:CHG CREDITS														
ESS 455	STRATIGRAPHY Stratigraphy	AUT/2009 -	AUT/9999	4.0	.	.	.	Y	.	Y	.	.	.	.
					LAST UPDT: 8/06/12									
COMMENT:MOVE COLLEGE					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									
COMMENT:MOVE COLLEGE					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														

DATE: 01-19-2016
TIME: 20:10:04

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 983

COLLEGE : D - Environment
DEPARTMENT: EARTH AND SPACE SCIENCES

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 M T P R	W R Q T S N G	RESPONS COURSE	JOINT COURSES	O M I T
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									
COMMENT:CHG FEE					FEE TYPE:1 \$150.00 BUDGET:069340 REV OBJ CD:943081									
ESS 464	GEODYNAMICS GEODYNAMICS	AUT/2012 -	AUT/9999	4.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 9/06/12 APPROVED: 2/28/94									
COMMENT:UPDATE PREQ														
ESS 465	SEIS & EARTHQKE ENGR Seismology and Earthquake Engineering	AUT/2012 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	CEE 431 CEE 431	.
					LAST UPDT: 9/06/12 APPROVED: 2/25/02									
COMMENT:UPDATE PREQ														
ESS 466	APPLIED SEISMOLOGY APPLIED SEISMOLOGY	AUT/2009 -	AUT/9999	2.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/12/09 APPROVED: 1/01/88									
COMMENT:MOVE COLLEGE														
ESS 467	SEIS EXPLR & STRAT Seismic Exploration and Stratigraphy	SPR/2010 -	AUT/9999	5.0	.	.	.	.	.	Y	.	.	ESS 467 OCEAN 412	.
					LAST UPDT: 3/24/15 APPROVED:12/01/89									
COMMENT:CHG TITLES, PREQ, DESC														
ESS 471	INTRO TO SPACE PHYS Introduction to Space Physics	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	Y	.	.	.	.
					LAST UPDT: 8/12/09 APPROVED: 9/27/91									
COMMENT:MOVE COLLEGE														
ESS 472	ROCKETS & INSTRUMNT Rockets and Instrumentation	WIN/2012 -	AUT/9999	2.0-04.0	12.0	.	.	.	Y	.	.	.	.	.
					LAST UPDT: 8/06/12 APPROVED: 2/21/07									
COMMENT:CHG CREDITS, DESC					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									

DATE: 01-19-2016
TIME: 20:10:04

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 984

COLLEGE : D - Environment
DEPARTMENT: EARTH AND SPACE SCIENCES

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER	D	GRD	D	S	H	F	V	L	E	E	W	RESPONS	JOINT	O									
						-ALL	U		E	U	N	E	P	I	C	Q	R				MAX	P	SYS	D	HYPH	M	R	E	A
ESS	480	ADV ISO GEOCHEM Advanced Methods in Isotope Geochemistry	WIN/2013 -	AUT/9999	3.0	18.0	.	.	.	.	.	.	.	Y	.	.	.	.			.								
						LAST UPDT:11/20/12			APPROVED:11/20/12																				
ESS	489	HONORS SEMINAR Honors Seminar	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.			.									
						LAST UPDT: 8/12/09			APPROVED: 6/13/06																				
						COMMENT:MOVE COLLEGE																							
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																							

DATE: 01-19-2016
TIME: 20:10:04

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 985

COLLEGE : D - Environment
DEPARTMENT: EARTH AND SPACE SCIENCES

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 M T P R	W Q S N G	RESPONS COURSE	JOINT COURSES	O M I T
ESS 503	SOLAR TERRESTR PHYS Introduction to Solar Terrestrial Physics	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 8/08/06									
ESS 504	EARTH SURFACE The Earth Surface	AUT/2009 -	AUT/9999	3.0	.	.	.	Y	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/06/12 APPROVED: 6/13/06 FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081									
ESS 505	THE CRYOSPHERE The Cryosphere	AUT/2011 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 6/22/11 APPROVED: 6/21/11									
ESS 508	GREAT GEOL ISSUES Great Geological Issues	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE					LAST UPDT: 8/12/09 APPROVED: 3/29/06									
ESS 509	APPL FIELD MTHDS I Field Methods in Applied Geology I	WIN/2014 -	AUT/9999	3.0	.	.	.	Y	.	.	.	.	.	.
COMMENT:ADD FEE					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	.	.	.	.	.	.
COMMENT:ADD FEE					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	.	.	.	.	.	.	.	.	.	.
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									

DATE: 01-19-2016
TIME: 20:10:04

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 986

COLLEGE : D - Environment
DEPARTMENT: EARTH AND SPACE SCIENCES

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 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														
ESS 516	THE ATMOSPHERE Geophysics: The Atmosphere	AUT/2009 - AUT/9999	3.0		.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09 APPROVED: 1/24/95									
COMMENT:MOVE COLLEGE														
ESS 517	EARTH EVOLUTION Early Earth Evolution	AUT/2009 - AUT/9999	3.0		.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09 APPROVED: 2/28/03									
COMMENT:MOVE COLLEGE														
ESS 518	TECHNICAL COMM Technical Communication in Applied Geosciences	AUT/2013 - AUT/9999	1.0	3.0	.	.	.	.	Y	.	.			.
					LAST UPDT: 8/20/13 APPROVED: 8/21/12									
COMMENT:ADD FEE					FEE TYPE:1 \$15.00 BUDGET:069340 REV OBJ CD:943081									
ESS 519	SCIENTIFIC WRITING Scientific Writing and Graphics	AUT/2013 - AUT/9999	2.0		.	CR/NC	.	.	.	.	.	ESS 519	ATM S 519	.
					LAST UPDT: 3/21/13 APPROVED: 3/19/13									
					OCEAN 518									
ESS 520	APPLIED GEOL GIS Applications in Geological Geographic Information Systems	WIN/2014 - AUT/9999	4.0		.	.	.	.	.	.	.			.
					LAST UPDT: 6/05/13 APPROVED: 6/04/13									
ESS 522	DATA COLCTN & ANLYS Geophysical Data Collection and Analysis	AUT/2009 - AUT/9999	3.0		.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09 APPROVED:11/01/81									
COMMENT:MOVE COLLEGE														
ESS 523	INVERSE THEORY Geophysical Inverse Theory	AUT/2009 - WIN/2016	3.0		.	.	.	.	.	.	.			.
					LAST UPDT: 7/23/15 APPROVED: 1/01/73									
COMMENT:MOVE COLLEGE														

DATE: 01-19-2016
TIME: 20:10:04

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 987

COLLEGE : D - Environment
DEPARTMENT: EARTH AND SPACE SCIENCES

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D		GRD	D	S H F	L I	V	E E	W	RESPONS	JOINT	O
						-ALL	U										
						MAX	P	SYS	D	M R E	A S W	T P R G					
ESS	523	INVERSE THEORY Geophysical Inverse Theory	SPR/2016	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 7/23/15		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	525	TECTONIC GEOMORPH Tectonic Geomorphology	SPR/2016	- AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:11/19/15		APPROVED:11/17/15									
ESS	526	FLUVIAL GEOMORPH Fluvial Geomorphology	AUT/2013	- AUT/9999	5.0	.	.	.	.	Y	.	.	.	.	.	.	.
						LAST UPDT: 8/20/13		APPROVED: 6/04/13									
						FEE TYPE:1		\$40.00		BUDGET:069340		REV OBJ CD:943081					
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					
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											

REPORT: SR21010-R-01 K
PAGE: 988

DEPARTMENT: EARTH AND SPACE SCIENCES

DEPARTMENT: EARTH AND SPACE SCIENCES															
COURSE					OVER D	D	S H F	V	E E	W					
CURRIC	NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER	-ALL U	GRD	E	L I	E C	Q T	RESPONS	JOINT		
					CREDITS	MAX	P	SYS	D	HYPH	M R E	A	S	W	T
ESS	533	SNOW & ICE DYNAMICS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	ESS	533	ATM	S
		Dynamics of Snow and Ice Masses													
		COMMENT:MOVE COLLEGE													
ESS	534	STRCTL GLACIOLOGY	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	ESS	534	ATM	S
		STRUCTURAL GLACIOLOGY													
		COMMENT:MOVE COLLEGE													
ESS	535	ICE AND CLIMATE	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	ESS	535	ATM	S
		Ice and Climate													
		COMMENT:MOVE COLLEGE													
ESS	537	ADVANCED MINERALOGY	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	ESS	537	MSE	
		Advanced Mineralogy													
		COMMENT:MOVE COLLEGE													
ESS	538	PETROGEN IGN ROCKS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.				
		Petrogenesis of Igneous Rocks													
		COMMENT:MOVE COLLEGE													
ESS	540	ADV IGNEOUS PETROL	AUT/2009 -	AUT/9999	4.0	.	.	.	.	.	.				
		Advanced Igneous Petrology													
		COMMENT:MOVE COLLEGE													
ESS	541	APL FLUV GEOMORPH	SPR/2014 -	AUT/9999	4.0	.	.	.	.	Y	.				
		Applied Fluvial Geomorphology													
		COMMENT:FEE 1-15													
ESS	542	SED DYN AND PHYSICS	AUT/2013 -	AUT/9999	4.0	.	.	.	.	.	.	OCEAN	542	OCEAN	542
		Sediment Dynamics and Boundary-Layer Physics													
		COMMENT:WAS ESS 526													
ESS	544	TSUNAMI HAZARDS SCI	SUM/2013 -	AUT/9999	4.0	.	.	.	.	.	.				
		Applied Tsunami Hazard Science													
		COMMENT:WAS ESS 546													

DATE: 01-19-2016
TIME: 20:10:04

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 989

COLLEGE : D - Environment
DEPARTMENT: EARTH AND SPACE SCIENCES

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 S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
ESS 545	ECON GEOL SED ROCKS ECONOMIC GEOLOGY OF SEDIMENTARY ROCKS	AUT/2009 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:12/11/12									
COMMENT:MOVE COLLEGE														
ESS 546	CONTINENT-MARG SED Continental-Margin Sedimentation	WIN/2014 -	AUT/9999	3.0	.	.	.	.	.	.	.	OCEAN 546	OCEAN 546	.
					LAST UPDT:11/20/13 APPROVED:11/21/05									
COMMENT:WAS ESS 527														
ESS 547	ENGINEERING GEOLOGY Engineering Geology: Methods and Application	AUT/2013 -	AUT/9999	4.0	.	.	.	Y	.	.	.	.	.	.
					LAST UPDT: 8/20/13 APPROVED: 2/28/12									
COMMENT:ADD FEE					FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081									
ESS 548	GEODYNAMICS GEODYNAMICS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.
					LAST UPDT:10/28/13									
COMMENT:MOVE COLLEGE														
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														

REPORT: SR21010-R-01 K
PAGE: 990

DEPARTMENT: EARTH AND SPACE SCIENCES

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DATE: 01-19-2016
TIME: 20:10:04

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 991

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 S N G	RESPONS COURSE	JOINT COURSES	O M I T
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									
ESS 574	ATMOS ELEC DYNAMICS ATMOSPHERIC ELECTRICAL DYNAMICS	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09									
					COMMENT:MOVE COLLEGE									
ESS 575	ROCKETS & INSTRUMNT Advanced Rockets and Instrumentation	WIN/2012 -	AUT/9999	2.0-04.0	12.0	.	.	.	.	Y	.			.
					LAST UPDT: 8/06/12 APPROVED: 2/17/09									
					FEE TYPE:1 \$175.00 BUDGET:069340 REV OBJ CD:943081									
ESS 576	SPACE AND LAB PHYS Space and Laboratory Plasma Physics	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.	ESS 576 A A	556	.
					LAST UPDT: 8/12/09									
					COMMENT:MOVE COLLEGE									
ESS 577	ADV SPACE PLSM PHYS Advanced Space Plasma Physics	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09									
					COMMENT:MOVE COLLEGE									
ESS 578	KINETIC PLASMAS Kinetic Theory and Simulation of Space Plasmas	AUT/2009 -	AUT/9999	3.0	.	.	.	.	.	.	.			.
					LAST UPDT: 8/12/09									
					COMMENT:MOVE COLLEGE									

DATE: 01-19-2016
TIME: 20:10:04

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 992

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 Q T P R G	RESPONS COURSE	JOINT COURSES	O M I T
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 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	.
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								
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								

DATE: 01-19-2016
TIME: 20:10:04

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 993

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 S T P	W R Q T N G	RESPONS COURSE	JOINT COURSES	O M I T
ESS 590	SPECIAL TOPICS Special Topics	AUT/2009 -	AUT/9999	2.0-10.0	20.0 Y	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/12/09 APPROVED: 9/27/91									
COMMENT:MOVE COLLEGE														
ESS 592	PROF PRACTICE SEM Professional Practice in Applied Geosciences	AUT/2013 -	AUT/9999	1.0	3.0 .	.	.	. . Y	.	.	.	.	.	.
					LAST UPDT: 8/20/13 APPROVED: 8/21/12									
COMMENT:ADD FEE					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	.
					LAST UPDT: 2/10/10 APPROVED:12/16/08									
COMMENT:MOVE JT COLLEGE					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	.	.	.	.	.	.	.	.	.
					LAST UPDT: 8/12/09 APPROVED:11/21/94									
COMMENT:MOVE COLLEGE														
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									
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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									
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ESS 601	INTERNSHIP Internship	SUM/2013 -	AUT/9999	0.0	999.0 .	.	.	.	.	.	.	.	.	.
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DATE: 01-19-2016
TIME: 20:10:04

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 994

COLLEGE : D - Environment
DEPARTMENT: EARTH AND SPACE SCIENCES

CURRIC	COURSE NUM	TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER	D		D	S	H	F	V	L	E	E	W	RESPONS	JOINT	O			
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ESS	700	MASTERS THESIS Master's Thesis	AUT/2009 -	AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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ESS	800	DOCTORAL DISSERTATN Doctoral Dissertation	AUT/2009 -	AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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