

DATE: 04-10-2017
 TIME: 20:10:12

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

CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L E E W					RESPONS COURSE	JOINT COURSES	O M I T
				-ALL U	GRD		U N E	P	N	C	M	S	N	P				R	G
ESS 433	ENV OF GLACIAL AGES Environmental Change in the Glacial Ages	AUT/2010 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
	COMMENT:CHG CREDITS, DROP JT STATUS																
ESS 435	GLACIAL PERIGLACIAL Glacial-Periglacial Geomorphology NW	SPR/2017 - SPR/2017	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
ESS 435	GLACIAL PERIGLACIAL Glacial-Periglacial Geomorphology NW	SUM/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
ESS 437	MINERALOGY Mineralogy	SPR/2017 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
ESS 439	PETRG/PETRL IGN RCK Petrology of Igneous Rocks	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
ESS 440	PETRO/PETRL META RK Petrography and Petrology of Metamorphic Rocks	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
ESS 441	PETRG/PETRL SED RCK Petrology and Petrography of Sedimentary Rocks	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
ESS 445	GEOL OF ORE DEPOSIT Geology of Ore Deposits	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 447	ENGINEERING GEOLOGY Engineering Geology: Methods and Application	AUT/2013 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
	COMMENT:ADD FEE																

LAST UPDT: 4/19/10 APPROVED:12/01/85
 LAST UPDT: 3/22/17 APPROVED:12/21/10
 LAST UPDT: 3/22/17 APPROVED:12/21/10
 LAST UPDT: 1/05/17 APPROVED:10/26/99
 LAST UPDT: 8/12/09
 LAST UPDT: 8/12/09
 LAST UPDT: 8/12/09 APPROVED:12/01/81
 LAST UPDT: 8/06/12 APPROVED: 6/01/77
 FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081
 LAST UPDT: 8/20/13 APPROVED: 2/28/12
 FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081

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				-ALL	U		GRD	E	U	N	E	P	&	N				C
ESS 456	DEPOSTINAL ENVIRONS Depositional Environments	SUM/2017 - AUT/9999	4.0	Y	.	.	Y
				LAST UPDT: 3/22/17 APPROVED: 1/01/82 FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081														
ESS 457	ENV GEOCHEM Environmental Geochemistry	WIN/2017 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT:11/30/16 APPROVED: 3/29/06														
ESS 458	ISOTOPE GEOL LITHOS ISOTOPE AND TRACE ELEMENT GEOLOGY: LITHOSPHERE	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 8/12/09 APPROVED: 6/01/90 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	SPR/2017 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT:11/30/16 APPROVED: 2/25/98 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														

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 PAGE: 994

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				-ALL	U		GRD	E	U	N	E	P	& N	C			
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: 3/21/16 APPROVED:12/01/99													
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 and Stratigraphy	SPR/2017 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	ESS 467	OCEAN 412	.
COMMENT:MOVE COLLEGE				LAST UPDT: 1/12/17 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	ATM S 475	.
COMMENT:MOVE COLLEGE				LAST UPDT: 3/22/16 APPROVED: 1/18/11 OCEAN 475													
ESS 480	ADV ISO GEOCHEM Advanced Methods in Isotope Geochemistry	WIN/2013 - AUT/9999	3.0	18.0	.	.	.	.	.	Y	.	.	.			.
COMMENT:MOVE COLLEGE				LAST UPDT:11/20/12 APPROVED:11/20/12													
ESS 482	ENV GEOCHEM LAB Environmental Geochemistry Laboratory	SPR/2017 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.			.
COMMENT:MOVE COLLEGE				LAST UPDT: 6/30/16 APPROVED: 6/07/16 FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081													
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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 TIME: 20:10:12

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 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 995

COLLEGE : D - Environment
 DEPARTMENT: EARTH AND SPACE SCIENCES

CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L E E W					RESPONS COURSE	JOINT COURSES	O M I T
				-ALL	U		GRD	E	U	N	E	P	&	N			
ESS 490	SPECIAL TOPICS Special Topics	AUT/2009 - AUT/9999	1.0-10.0	20.0	Y	.	.	.	.	Y	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 492	TEACHING OUTREACH Undergraduate Teaching Experience and Outreach	AUT/2011 - AUT/9999	1.0-03.0	12.0	.	.	.	.	.	Y	.	.	.	.	.	.	.
	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	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 498	UNDERGRAD THESIS Undergraduate Thesis	AUT/2009 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 499	UNDERGRAD RESEARCH Undergraduate Research	AUT/2009 - AUT/9999	0.0	15.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 501	GEOCHEMICAL SYSTEMS Geochemical Systems	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 502	THE SOLID EARTH The Solid Earth	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 503	SOLAR TERRESTR PHYS Introduction to Solar Terrestrial Physics	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
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

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UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 996

COLLEGE : D - Environment
 DEPARTMENT: EARTH AND SPACE SCIENCES

CURRIC	NUM	COURSE TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		D	S H F			V L E E W					RESPONS	JOINT	O
						-ALL	U		GRD	E	U	N	E	P	&	N				C	M	S	N	C	R	I
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											
						COMMENT:ADD FEE													
						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											
						COMMENT:ADD FEE													
						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											
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REPORT: SR21010-R-01 K
 PAGE: 1,000

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				-ALL	U		GRD	E	U	N	E	P	&	N			
ESS 549	GEOMAGNETISM GEOMAGNETISM	AUT/2009 - AUT/9999	3.0
	COMMENT:MOVE COLLEGE																
ESS 550	EMAG & POTEN FIELDS Electromagnetic and Potential Field Methods	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 551	MINERAL PHYSICS Mineral Physics	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 552	SOLUTION GEOCHEM SOLUTION GEOCHEMISTRY	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 553	ELEC BEAM ANALYSIS Electron Beam Microanalysis	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 554	PALEOCLIMAT PROXIES Paleoclimate Proxies	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	ATM S 554	ATM S 554 .
																OCEAN 554	
ESS 555	PHYS CHEM EARTH Physics and Chemistry of the Earth's Interior	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 556	PHYSICAL PETROLOGY PHYSICAL PETROLOGY	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 557	VERTE PALEO Vertebrate Paleontology	WIN/2014 - AUT/9999	5.0	.	.	.	.	.	Y	.	.	.	.	.	.	BIOL 557	BIOL 557 .
	COMMENT:CHG FEE																

LAST UPDT:11/06/13 APPROVED: 5/19/09
 FEE TYPE:1 \$50.00 BUDGET:069377 REV OBJ CD:943081

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 TIME: 20:10:12

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 PAGE: 1,003

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				-ALL U	GRD		E	U N E	P & A	N C M S N	E C Q T						
ESS 582	ENV GEOCHEM LAB Environmental Geochemistry Laboratory	SPR/2017 - AUT/9999	4.0	Y	.	.	Y
				LAST UPDT: 6/30/16 APPROVED: 6/07/16 FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081													
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													
ESS 585	PNW CLIMATE IMPACTS Climate Impacts on the Pacific Northwest	WIN/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	ATM S 585	ATM S 585	.
				LAST UPDT: 9/07/11 APPROVED: 1/30/03 COMMENT:CHG JT STATUS													
ESS 586	CLIMATE SEMINAR Current Research in Climate Change	SPR/2010 - AUT/9999	2.0	20.0	.	CR/NC	.	.	.	.	.	.	.	.	ESS 586	ATM S 586	.
				LAST UPDT: 2/10/10 APPROVED: 2/25/02 COMMENT:MOVE JT COLLEGE													
ESS 587	FUND CLIMATE CHANGE Fundamentals of Climate Change	AUT/2013 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	ESS 587	ATM S 587	.
				LAST UPDT: 3/21/13 APPROVED: 2/25/02 COMMENT:CHG TITLES, DESC													
ESS 588	CARBON AND CLIMATE The Global Carbon Cycle and Climate	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	OCEAN 588	ATM S 588	.
				LAST UPDT: 2/10/10 APPROVED: 2/25/02 COMMENT:MOVE JT COLLEGE													
ESS 589	PALEOCLIMATOLOGY Paleoclimatology: Data, Modeling, and Theory	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	ESS 589	ATM S 589	.
				LAST UPDT: 2/10/10 APPROVED: 2/25/02 COMMENT:MOVE JT COLLEGE													
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 FEE TYPE:1 \$40.00 BUDGET:069340 REV OBJ CD:943081 COMMENT:ADD FEE													

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PAGE: 1,005

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					-ALL	U		GRD	E	U	N	E	P	&	N			

ESS	800	DOCTORAL DISSERTATN	AUT/2009 - AUT/9999	0.0	999.0	.	.	11
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Doctoral Dissertation

LAST UPDT: 4/19/10 APPROVED: 1/01/70

COMMENT:MOVE COLLEGE