

DATE: 04-09-2018  
 TIME: 20:10:33

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

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	C	M	S	N			
ESS 100	DINOSAURS Dinosaurs	AUT/2009 - AUT/9999	2.0	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09 APPROVED:12/01/85													
ESS 101	GEOLOGY & SOCIETY Introduction to Geology & Societal Impacts	WIN/2018 - AUT/9999	5.0	.	.	.	.	Y	.	Y	Y	.	.	.	.	.	.
FEE TYPE:1 \$30.00 BUDGET:069340 REV OBJ CD:943081				LAST UPDT: 9/25/17 APPROVED: 1/01/82													
ESS 102	SPACE&SPACE TRAVEL Space and Space Travel	SPR/2016 - AUT/9999	5.0	.	.	.	.	Y	.	Y	Y	.	.	.	.	.	.
COMMENT:END INTIAL DL				LAST UPDT: 9/20/12													
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	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/06/12 APPROVED: 9/24/01													
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	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/06/12 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	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	Y	.	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT:12/14/17 APPROVED: 4/28/03													
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	.	.	.	.	.	.
COMMENT:MOVE COLLEGE				LAST UPDT: 8/12/09 APPROVED: 4/28/03													
ESS 115	INTRO ASTROBIOLOGY Astrobiology: Life in the Universe	SPR/2010 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	.	.	ASTBIO115	ASTBIO115
COMMENT:MOVE JT COLLEGE				LAST UPDT: 2/10/10 APPROVED: 2/27/04													
																OCEAN 115	
																ASTR 115	
																BIOL 114	
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													

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CURRIC NUM	COURSE TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		S H F	V L	E E W	RESPONS	JOINT	I
					-ALL U	GRD E						
ESS 201	CLIMATE SYSTEM Earth's Climate System	SPR/2018 -	AUT/9999	3.0	.	.	. . .	. . Y . . . .				.
LAST UPDT: 9/25/17 APPROVED: 6/27/01												
ESS 202	EARTHQUAKES Earthquakes	AUT/2012 -	AUT/9999	5.0	.	.	. . Y	. Y Y . . . .				.
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 . . . .				.
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:10/17/17 APPROVED:11/18/14												
ESS 205	ACCESS TO SPACE Access to Space	AUT/2009 -	AUT/9999	5.0	.	.	. . Y	. . Y . . . .				.
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 . . . .				.
COMMENT:MOVE COLLEGE												
LAST UPDT: 8/12/09 APPROVED: 7/13/05												
ESS 210	PHYSICAL GEOLOGY Physical Geology	SPR/2017 -	AUT/9999	5.0	.	.	. . Y	. . Y . . . .				.
LAST UPDT: 1/05/17 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/2018 -	AUT/9999	5.0	.	.	. . Y	. . Y . . . .				.
LAST UPDT: 6/21/17 APPROVED: 3/17/97												
FEE TYPE:1 \$26.00 BUDGET:069340 REV OBJ CD:943081												
ESS 212	EARTH MATERIALS Earth Materials and Processes	WIN/2018 -	AUT/9999	5.0	.	.	. . Y	. . Y . . . .				.
LAST UPDT: 6/21/17 APPROVED: 9/22/97												
FEE TYPE:1 \$75.00 BUDGET:069340 REV OBJ CD:943081												

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 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 C M S N	A S W T P R G	MAX	P	SYS	D HYPH				M R E	A S W T P R G	
ESS 213	EVOLUTION OF EARTH Evolution of the Earth	WIN/2018 - AUT/9999	5.0	.	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 6/21/17 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	.	.	.	.	ESS 230	OCEAN 230	.
				LAST UPDT: 8/06/12 APPROVED: 4/28/03															
				FEE TYPE:1 \$50.00 BUDGET:069340 REV OBJ CD:943081															
ESS 290	SPECIAL TOPICS Special Topics	WIN/2017 - AUT/9999	1.0-10.0	20.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.
				LAST UPDT: 5/11/17 APPROVED: 6/07/16															
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: 1/30/18 APPROVED:10/01/85															
				FEE TYPE:1 \$20.00 BUDGET:069340 REV OBJ CD:943081															
ESS 303	GEOLOGIC HAZARDS GEOLOGIC 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:12/14/17 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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				-ALL	U		GRD	E	U	N	E	P	&	N				C	M
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															
ESS 465	SEIS & EARTHQKE ENGR Seismology and Earthquake Engineering	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	CEE	431	CEE	431	
				LAST UPDT: 2/06/18 APPROVED:12/01/99															
				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	SEISMIC EXPLORATION Seismic Exploration	WIN/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	ESS	467	OCEAN	412	
				LAST UPDT: 9/25/17 APPROVED:12/01/89															
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:10/17/17 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
				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	.	.	.	.	.	.	.	
				LAST UPDT:11/20/12 APPROVED:11/20/12															

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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	C			
ESS 482	ENV GEOCHEM LAB Environmental Geochemistry Laboratory	SPR/2017 - AUT/9999	4.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT:10/17/17 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	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				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 - SPR/2018	5.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 2/22/18 COMMENT:MOVE COLLEGE													
ESS 498	INDEPENDENT STUDY Independent Study	SUM/2018 - AUT/9999	1.0-05.0	15.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/22/18													
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													



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				-ALL	U		GRD	E	U	N	E	P	&	N			
ESS 513	THE EARTH Geophysics: The Earth	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 514	FLUIDS Geophysics: Fluids	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 515	SPACE Geophysics: Space	AUT/2009 - SPR/2018	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:MOVE COLLEGE																
ESS 515	SPACE Geophysics: Space	SUM/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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	.	.	.	.	.	.	.	.	.	.	.	.	.
	COMMENT:ADD FEE																
ESS 519	SCIENTIFIC WRITING Scientific Writing and Graphics	AUT/2013 - AUT/9999	2.0	.	CR/NC	.	.	.	.	.	.	.	.	.	ESS 519	ATM S 519	.
																OCEAN 518	.
ESS 520	APPLIC GIS EARTH SCI Application in Geographic Information Systems for the Earth Sciences	AUT/2016 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.

LAST UPDT: 8/20/13 APPROVED: 8/21/12  
 FEE TYPE:1 \$15.00 BUDGET:069340 REV OBJ CD:943081

















