

DATE: 04-15-2019
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 965

COLLEGE : D - Environment
 DEPARTMENT: AQUA & FISH SCI

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
FISH 270	AQUATIC ECOPHYSLGY Aquatic Ecophysiology	AUT/2018 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	FISH 270 OCEAN 270	.	.
				LAST UPDT: 4/25/18		APPROVED:12/16/14					MARBIO 270						
FISH 274	INTRO DATA ANALYSIS Introduction to Data Analysis for Aquatic Sciences	SPR/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.		.	.
				LAST UPDT: 4/10/19		APPROVED: 2/19/19											
FISH 290	SCI WRITING & COMM Scientific Writing and Communication	AUT/2014 - SUM/2019	3.0	.	.	.	.	.	.	.	.	.	.	.		.	.
				LAST UPDT: 1/10/19		APPROVED: 3/19/13					COMMENT:14-16 RECOMMENDED CHG						
FISH 290	SCI WRITING & COMM Scientific Writing and Communication	AUT/2019 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.		.	.
				LAST UPDT: 1/10/19		APPROVED: 3/19/13											
FISH 296	STUDY ABROAD Study Abroad: Aquatic and Fishery Sciences	SPR/2010 - AUT/9999	1.0-15.0	30.0	.	.	.	.	.	.	.	.	.	.		.	.
				LAST UPDT: 2/10/10		APPROVED: 1/31/05					COMMENT:MOVE COLLEGE						
FISH 300	EXPLORE OPPS MARINE Exploring Opportunities in Marine Science	AUT/2018 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	OCEAN 300 MARBIO300	.	.
				LAST UPDT: 4/25/18		APPROVED: 2/18/14					OCEAN 300						
FISH 310	BIOL OF SHELLFISHES Biology of Shellfishes	AUT/2012 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.		.	.
				LAST UPDT: 7/12/12		APPROVED: 9/14/89					COMMENT:12-14 DESC CHG						
FISH 311	BIOLOGY OF FISHES Biology of Fishes	AUT/2012 - AUT/9999	3.0-05.0	5.0	.	.	.	.	.	.	.	.	.	.	FISH 311 BIOL 311	.	.
				LAST UPDT: 2/11/13		FEE TYPE:1 \$50.00 BUDGET:029357 REV OBJ CD:943081					COMMENT:12-14 DESC CHG						
FISH 312	FISH ECOLOGY Fisheries Ecology	WIN/2017 - AUT/9999	3.0-05.0	.	.	.	.	.	.	.	.	.	.	.		.	.
				LAST UPDT:12/02/16		APPROVED: 9/14/89					FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081						
FISH 323	CONS & MGT AQUA RES Conservation and Management of Aquatic Resources	AUT/2012 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.		.	.
				LAST UPDT: 7/12/12		COMMENT:12-14 DESC CHG											

DATE: 04-15-2019
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 966

COLLEGE : D - Environment
 DEPARTMENT: AQUA & FISH SCI

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
FISH 324	AQUATIC PHYSIOLOGY Aquatic Animal Physiology and Reproduction	WIN/2019 - AUT/9999	3.0-05.0	5.0	Y	.	.	Y
				LAST UPDT:11/14/18 APPROVED: 3/29/93 FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081														
FISH 328	FOR-FISH INTERACT Forestry-Fisheries Interactions	SPR/2010 - AUT/9999	4.0	Y	.	.	Y	ESRM 328	ESRM 328
				LAST UPDT: 6/25/15 APPROVED: 2/23/89 FEE TYPE:1 \$48.00 BUDGET:069393 REV OBJ CD:943081														
FISH 330	CLIMATE CHG MAR ECO Climate Change Impacts on Marine Ecosystems	SPR/2010 - AUT/9999	5.0	Y	FISH 330	ENVIR 330
				LAST UPDT: 2/10/10 APPROVED: 1/15/08 COMMENT:MOVE COLLEGE														
FISH 340	GENETS & MOLEC ECOL Genetics and Molecular Ecology	SPR/2010 - AUT/9999	5.0	Y	FISH 340	BIOL 340
				LAST UPDT: 2/10/10 APPROVED: 1/30/03 COMMENT:MOVE COLLEGE														
FISH 350	MARINE COASTAL ECOL MARINE ECOLOGY OF COASTAL SYSTEMS	WIN/2012 - AUT/9999	3.0	Y	FISH 350	SMEA 350
				LAST UPDT:12/11/12 APPROVED:10/25/04 COMMENT:CHG JT STATUS														
FISH 370	MARINE EVOLN BIOL Marine Evolutionary Biology	AUT/2018 - AUT/9999	5.0	Y	FISH 370	OCEAN 370
				LAST UPDT: 4/25/18 APPROVED:12/16/14 MARBIO 370														
FISH 404	FISH DISEASES Diseases of Aquatic Animals	SPR/2010 - AUT/9999	5.0	Y	.	.	Y
				LAST UPDT: 7/17/15 APPROVED: 9/14/89 FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081 COMMENT:MOVE COLLEGE														
FISH 406	PARASITE ECOLOGY Parasite Ecology	AUT/2017 - AUT/9999	5.0	Y
				LAST UPDT: 6/19/17 APPROVED: 6/06/17														
FISH 415	FISH PHYSIOLOGY FISH PHYSIOLOGY	SPR/2010 - AUT/9999	5.0	Y
				LAST UPDT: 2/10/10 APPROVED: 5/10/73 COMMENT:MOVE COLLEGE														

DATE: 04-15-2019
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 967

COLLEGE : D - Environment
 DEPARTMENT: AQUA & FISH SCI

COURSE CURRIC NUM	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	R	I
					MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	COURSE	COURSES	T	
FISH 420	ECOL MARINE FISHES ECOLOGY OF MARINE FISHES	SPR/2011 -	AUT/9999	3.0	.	.	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
				COMMENT:EMAIL PREQ CHG		LAST UPDT:12/11/12		APPROVED: 9/17/96															
FISH 423	AQUA INVASION ECOL Aquatic Invasion Ecology	SPR/2010 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Y
				COMMENT:MOVE COLLEGE		LAST UPDT: 2/10/10		APPROVED: 9/20/07															
FISH 424	BIOL CULT AQ ORG Biology and Culture of Aquatic Organisms	SPR/2010 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
				COMMENT:MOVE COLLEGE		LAST UPDT: 2/10/10		APPROVED:10/27/05															
FISH 427	TROPICAL MAR BIOL Tropical Marine Biology	WIN/2019 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
				LAST UPDT:11/16/18		APPROVED:11/13/18																	
FISH 428	STREAM RESTORATION Stream and Watershed Restoration	SPR/2010 -	AUT/9999	5.0	.	.	.	.	Y	.	.	.	Y	.	.	.	.	.	.	.	.	.
				COMMENT:MOVE COLLEGE		LAST UPDT: 7/17/15		APPROVED:11/18/96					FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081										
FISH 437	FISH OCEANOGRAPHY Fisheries Oceanography	AUT/2014 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				COMMENT:14-16 RECOMMENDED CHG		LAST UPDT: 7/25/14		APPROVED:10/30/07															
FISH 441	ENVIR PHYSIOLOGY Integrative Environmental Physiology	SPR/2010 -	AUT/9999	3.0-05.0	5.0	.	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
				COMMENT:MOVE COLLEGE		LAST UPDT: 5/25/12		APPROVED: 9/16/08															
FISH 444	CONSERVATION GENET Conservation Genetics	AUT/2012 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
				COMMENT:12-14 DESC CHG, RECOMMENDED		LAST UPDT: 1/31/13		APPROVED: 6/03/71															
FISH 447	WATERSHED ECOL Watershed Ecology and Management	SPR/2017 -	AUT/9999	3.0	Y	.	.	.	Y	FISH 447	ESRM	447	.
				COMMENT:MOVE COLLEGE		LAST UPDT: 3/03/17		APPROVED: 6/21/99					FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081										

DATE: 04-15-2019
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 968

COLLEGE : D - Environment
 DEPARTMENT: AQUA & FISH SCI

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
FISH 448	WATERSHED ECOL LAB Watershed Ecology and Management Lab	SPR/2017 - AUT/9999	2.0	.	.	.	.	Y	.	.	.	.	.	FISH 448	ESRM 448	.
				LAST UPDT:12/07/17 APPROVED: 2/21/17													
				FEE TYPE:1 \$70.00 BUDGET:069602 REV OBJ CD:943081													
FISH 450	SAL BEHAV LIFE HIST Salmonid Behavior and Life History	SPR/2010 - AUT/9999	3.0-05.0	5.0	.	.	.	Y	.	Y	.	.	.			.
				LAST UPDT: 3/10/15 APPROVED: 6/29/78													
				FEE TYPE:1 \$125.00 BUDGET:069602 REV OBJ CD:943081													
FISH 452	MARINE GIS Marine Geospatial Information Science	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	OCEAN 452	OCEAN 452	.
				LAST UPDT: 4/25/17 APPROVED: 3/28/01													
FISH 453	GEO SPTL PTRN ANLYS Geospatial Pattern Analysis and Geostatistics	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	OCEAN 453	OCEAN 453	.
				LAST UPDT: 7/18/16 APPROVED: 3/28/01													
FISH 454	ECOLOGICAL MODELING Ecological Modeling	AUT/2018 - AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	.	FISH 454	Q SCI 454	.
				LAST UPDT: 9/18/18 APPROVED: 1/31/05													
FISH 455	FISH WILDLIFE TOXIC Fish and Wildlife Toxicology	SPR/2010 - AUT/9999	3.0-05.0	.	.	.	.	Y	.	Y	.	.	.	FISH 455	ESRM 457	.
				LAST UPDT:11/02/15 APPROVED: 9/22/97													
				FEE TYPE:1 \$50.00 BUDGET:069602 REV OBJ CD:943081													
FISH 458	MODEL/ESTIM RES MGT Modeling and Estimation in Conservation and Resource Management	AUT/2018 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.	FISH 458	Q SCI 458	.
				LAST UPDT: 9/18/18 APPROVED: 5/29/75													
FISH 461	RES ECON MGMT PLCY Resource Economics for Management and Policy	AUT/2015 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.			.
				LAST UPDT:12/29/14 APPROVED:12/16/14													
FISH 464	ARCTIC MARINE ECOL Arctic Marine Vertebrate Ecology	WIN/2013 - AUT/9999	4.0	.	.	.	.	.	.	Y	.	.	.			.
				LAST UPDT: 1/02/13 APPROVED:10/16/12													
FISH 473	LIMNOLOGY Limnology	AUT/2010 - AUT/9999	3.0	.	.	.	.	.	.	Y	.	.	.	FISH 473	BIOL 473	.
				LAST UPDT:12/29/10													
				COMMENT:10-12 PREQ CHG													

DATE: 04-15-2019
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 970

COLLEGE : D - Environment
 DEPARTMENT: AQUA & FISH SCI

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						
FISH 492	MAR BIRD MAMM Ecology and Conservation of Marine Birds and Mammals	AUT/2018 - AUT/9999	9.0-15.0	15.0	.	.	.	Y	.	Y	.	.	.	FHL 492	MARBIO492	.	
				LAST UPDT: 4/25/18 APPROVED:12/16/14											FHL 492		
				FEE TYPE:1 \$150.00 BUDGET:098456 REV OBJ CD:943081													
FISH 493	CAPSTONE 1 PROPOSAL Capstone 1: Proposal	AUT/2017 - AUT/9999	1.0	.	.	.	.	.	.	.	.	.	.			.
				LAST UPDT: 8/17/17 APPROVED: 2/19/08													
FISH 494	CAPSTONE 2 RESEARCH Capstone 2: Research	SPR/2018 - AUT/9999	3.0	.	.	12	.	.	.	.	.	.	.			.
				LAST UPDT: 1/16/18 APPROVED: 2/21/01													
FISH 495	CAPSTONE 3 SYNTHESIS Capstone 3: Research Synthesis	SPR/2018 - AUT/9999	3.0	.	.	22	.	.	.	.	.	.	.			.
				LAST UPDT: 9/25/17 APPROVED:11/29/95													
FISH 496	ADV STUDY ABROAD Study Abroad: Aquatic and Fishery Sciences	SPR/2010 - AUT/9999	1.0-15.0	30.0	.	.	.	.	.	Y	.	.	.			.
				LAST UPDT: 2/10/10 APPROVED: 1/31/05													
				COMMENT:MOVE COLLEGE													
FISH 497	SPEC TOPICS AFS Special Topics in Aquatic and Fishery Sciences	SPR/2010 - AUT/9999	1.0-15.0	15.0	.	.	.	.	.	Y	.	.	.			.
				LAST UPDT: 3/10/14 APPROVED:11/29/95													
				COMMENT:MOVE COLLEGE, 3-10-14 RMV FEE													
FISH 498	INTERNSHIP Internship/Experiential Learning	SPR/2010 - AUT/9999	1.0-15.0	15.0	Y	CR/NC	.	.	.	.	.	.	.			.
				LAST UPDT: 2/10/10 APPROVED: 1/28/88													
				COMMENT:MOVE COLLEGE													
FISH 499	UNDERGRAD RESEARCH Undergraduate Research	SPR/2010 - AUT/9999	1.0-15.0	15.0	Y	.	.	.	.	.	.	.	.			.
				LAST UPDT: 2/10/10													
				COMMENT:MOVE COLLEGE													
FISH 502	MARINE GIS Marine Geospatial Information Science	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	OCEAN 502	OCEAN 502	.	
				LAST UPDT: 4/25/17 APPROVED:10/20/09													
FISH 503	GEOSPTL PTRN ANLYS Geospatial Pattern Analysis and Geostatistics	SPR/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	OCEAN 503	OCEAN 503	.	
				LAST UPDT: 2/10/10 APPROVED:10/20/09													
				COMMENT:FIX COLELGE													

DATE: 04-15-2019
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 974

COLLEGE : D - Environment
 DEPARTMENT: AQUA & FISH SCI

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
FISH 562	ECOSYS BSD MGT Ecosystem Based Fisheries Management	SPR/2015 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/18/15		APPROVED: 2/18/15											
FISH 563	ECOSYS BSD MGT LAB Ecosystem Based Fisheries Management Laboratory	SPR/2015 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/18/15		APPROVED: 2/18/15											
FISH 565	MARINE FISH BIOLOGY MARINE FISH BIOLOGY	SPR/2010 - AUT/9999	9.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/11/12													
				COMMENT:MOVE COLLEGE													
FISH 567	TOPICS ADV ECOLOGY TOPICS IN ADVANCED ECOLOGY	AUT/2012 - AUT/9999	3.0	6.0	.	.	.	.	.	.	.	.	.	.	BIOL 567	BIOL 567	.
				LAST UPDT:12/11/12		APPROVED: 9/16/08		SEFS 567									
				COMMENT:CHG JT STATUS													
FISH 578	GR SUSTAINABLE FISH Graduate Topics in Sustainable Fisheries	SPR/2010 - AUT/9999	2.0	6.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/10/10		APPROVED:11/30/00											
				COMMENT:MOVE COLLEGE													
FISH 581	CASE STUDY METHODS Case Study Research: Design and Methods	WIN/2014 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	SMEA 581	SMEA 581	.
				LAST UPDT: 7/23/15		APPROVED:12/07/89											
				COMMENT:CHG TITLES, DESC													
FISH 582	FISH MGMT CONTEMP FISHERY MANAGEMENT:CONTEMPORARY ISSUES	WIN/2012 - AUT/9999	5.0	.	.	.	.	.	.	.	.	.	.	.	SMEA 582	SMEA 582	.
				LAST UPDT: 9/07/11		APPROVED:12/07/89											
				COMMENT:CHG JT STATUS													
FISH 600	INDEPN DNT STDY/RSCH Independent Study or Research	SPR/2010 - AUT/9999	0.0	999.0	.	CR/NC	.	11	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/10													
				COMMENT:MOVE COLLEGE													
FISH 700	MASTERS THESIS Master's Thesis	SPR/2010 - AUT/9999	0.0	999.0	.	CR/NC	.	11	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/10													
				COMMENT:MOVE COLLEGE													

DATE: 04-15-2019
TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
DETAILED CURRICULUM REPORT
Seattle CAMPUS

REPORT: SR21010-R-01 K
PAGE: 975

COLLEGE : D - Environment
DEPARTMENT: AQUA & FISH SCI

CURRIC NUM	COURSE TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		D	S H F			V		E E W			RESPONS	JOINT	I				
					-ALL	U		GRD	E	U	N	E	P	&	N				C	M	S	N	COURSE	COURSES	T
					MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G			

FISH	800	DOCTORAL DISSERTATN	SPR/2010 - AUT/9999	0.0	999.0	.	CR/NC	.	11	.	.	.	.	.	.	.	.	.	.	.	.	.
		Doctoral Dissertation																				.

LAST UPDT: 4/19/10

COMMENT:MOVE COLLEGE