WASHINGTON STATE UNIVERSITY

B.S. in Economic Sciences
Environmental & Resource Economics Option
Advising Sheet - Fall 2014

UCORE relative to catalog for year student begins college (34 semester credit minimum required)

	Cr.	Grade	Offered
FIRST-YEAR EXPERIENCE: 3 sem cr			
Roots of Contemporary Issues (3 cr) [ROOT]			F,S,SS
FOUNDATIONAL COMPETENCIES: 9 sem cr			
Quantitative Reasoning (3 cr.) [QUAN] **Math 202/171**			F,S,SS
Communication (3 cr.) [COMM] **or** [WRTG]			F,S,SS
Written Communication (3 cr.) [WRTG] Engl 101			F,S,SS
WAYS OF KNOWING: 16 sem cr			
Inquiry in the Social Sciences (3 cr.) [SSCI] **EconS 101/102**			F,S,SS
Inquiry in the Humanities (3 cr.) [HUM]			F,S,SS
Inquiry in the Creative & Professional Arts (3 cr.) [ARTS]			F,S,SS
Inquiry in the Natural Sciences (7 cr.) [BSCI, PSCI, SCI]			F,S,SS
INTEGRATIVE AND APPLIED LEARNING: 6 sem cr			
Diversity (3 cr.) [DIVR]			F,S,SS
Integrative Capstone (3 cr.) [CAPS] **EconS 490**			F,S
Total credits: 34 credits*			
*only 3 courses (3 cr. each) may be taken within major; all other courses must be taken outside one's major			

	credits
UCORE	34
Economic CORE	25
Env & Res Economics Option	30
Concentration Area	9
Electives	22

Concentration Areas:

1. *Human Health & the Environment* (choose 3 courses):

Anth 405, CE 341, Envr_Sci 402, Envr_Sci 445, IPM 452, Phil 370

2. *Global Environment* (choose 3 courses):

Crop_Sci 360, Envr_Sci 285, Envr_Sci 335, Geology 315, History 494, Phil 370, Soc 332

3. *Renewable Resources: Forest, Wildlife & Biosystems* (choose 3 courses):

Biology 330, Biology 401, Crop_Sci 411, NATRS 300, NATRS 301, NATRS 312, Phil 370

4. *Non-Renewable Resources: Energy & Minerals* (choose 3 courses):

Geology 340, Geology 350, Geology 470, Phil 370, Physics 380

5. *Independent Concentration* - upon approval of advisor (choose 3 courses)

Must have 120 minimum credits to graduate

***Must have cum GPA 2.0 or higher in 301 + 302 + 311**

Econ S Core			Cr.	Grade	Offered
EconS	**101**	Fund Microeconomics	3		F,S,SS
EconS	102	Fund Macroeconomics	3		F,S,SS
EconS	301	Intermed Microeconomics	3		F,S
EconS	302	Intermed Macroeconomics	3		F,S
EconS	311	Econometrics [M]	3		F,S
EconS	**490**	Economics Capstone [M] *	3		F,S
EconS	497	Internship **or**			
	499	Special Problems **or**			
	483	Study Abroad **or**			
	495	Instructional Practicum **or**			
	UH 450	Honors Thesis **or**			
UD EconS		course for Int'l Students	3		F,S,SS
Non-EconS		**Requirements:**			
Com	102	Comm in an Info Society **or**	3-4		F,S,SS
Com	210	Multimedia Content Creat **or**			F,S,SS
H_D	205	Dev Effect Com & Life Skills			F,S
Engl	402	Tech & Prof Writing	3		F,S,SS
Math	201	Math Bus/Econ (3 cr) **or**	2-3		F,S,SS
	220	Intro Linear Algebra (2 cr)			F,S,SS
Math	**202**	Calculus for Bus/Econ **or**	3-4		F,S,SS
	171	Calculus I (4 cr)			F,S,SS
Stat	212	Intro Stat Methods **or**	4		F,S
MgtOp	215	Statistics			F,S,SS
Environmental & Res Econ Option Req:			Cr.	Grade	Offered
EconS	322	Public Economics	3		F
EconS	326	Aspects Sustainable Dev	3		S or SS
EconS	330	Natural Resource Economics	3		F
EconS	427	Econ Dev & Underdev	3		F
EconS	430	Managing the Global Env	3		F, SS
EconS	431	Econ Anal of Envir Policies	3		F
Two of:					
Envr Sci	310	Modelling the Environment	3		F
Envr Sci	444	Environmental Assessment	3		F
NATRS	204	Intro to Measurements & Comp in Natural Res	2		F
Soil_Sci	368	Intro Geographic Info Sys	3		F
Electives:		(6 credits)			
300/400 level Economics			3		
300/400 level Economics			3		
One area of Concentration (9 credits):					
			3		
			3		
			3		

Courses in the Concentrated Area:

Anth 405 Medical Anthropology
Biology 330 Principles of Conservation
Biology 401 Plants and People
C E 341 Intro to Environmental Engineering
Crop_Sci 360 World Agricultural Systems
Crop_Sci 411 Crop Environment Interactions
Envr_Sci 285 Climate Change: Planning for a Sustainable Environment
Envr_Sci 335 Environmental Policy
Envr_Sci 402 Human Health and the Environment
Envr_Sci 445 Hazardous Waste Management
Geology 315 Water and the Earth
Geology 340 Geologic Structures
Geology 350 Mineralogy and Crystallography
Geology 470 Introduction to Economic Geology
History 494 Global Environmental History
IPM 452 Pesticides and the Environment
NATRS 300 Natural Resource Ecology
NATRS 301 Forest Plants and Ecosystems
NATRS 312 Natural Resource and Society
Phil 370 Environmental Ethics
Physics 380 Physics and Society
Soc 332 Society and Environment