

WASHINGTON STATE UNIVERSITY

B.S. in Economic Sciences Environmental & Resource Economics Option Advising Sheet - Fall 2016

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

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

Concentration Areas:

- Human Health & the Environment** (choose 3 courses):
Anth 405, CE 341, Envr_Sci 402, Envr_Sci 445, IPM 452, Phil 370
- Global Environment** (choose 3 courses):
Crop_Sci 360, Envr_Sci 285, Envr_Sci 335, Geology 315, History 494, Phil 370, Soc 332
- Renewable Resources: Forest, Wildlife & Biosystems** (choose 3 courses):
Biol 330, Biol 401, Crop_Sci 411, NATRS 300, NATRS 301, NATRS 312, Phil 370
- Non-Renewable Resources: Energy & Minerals** (choose 3 courses):
Geology 340, Geology 350, Geology 470, Phil 370, Physics 408
- Independent Concentration** - upon approval of advisor (choose 3 courses)

	Cr.	Grade	Offered
Econ S Core			
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][CAPS] *	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 Public Speaking Digital Age or Com 210 Multimedia Content Creat or H_D 205 Dev Effect Com & Life Skills	3-4		F,S,SS F,S,SS F,S
Engl 402 Tech & Prof Writing	3		F,S,SS
Math 201 Math Bus/Econ (3 cr) or 220 Intro Linear Algebra (2 cr) or 106 College Algebra (3 cr)	2-3		F,S,SS F,S,SS F,S,SS
Math 202 Calculus for Bus/Econ or 171 Calculus I (4 cr)	3-4		F,S,SS F,S,SS
Stat 212 Intro Stat Methods or MgtOp 215 Statistics (co-req MIS 250)	4		F,S F,S,SS
Environmental & Res Econ Option Req:			
EconS 322 Public Economics	3		F
EconS 326 Aspects Sustainable Dev	3		S or SS
EconS 330 Natural Resource Economics	3		F
EconS 427 Economic Development	3		F
EconS 430 Managing the Global Env	3		F, SS
EconS 431 Econ Anal Env & Nat Res Pol	3		F
Two of:			
ComSoc 476 Environmental Comm or or 477 Risk Communication	3		F F,S
Envr Sci 444 Environmental Assessment	4		F
NATRS 438 Natural Resource & Environmental Policy & Law	3		S
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		

Must have 120 minimum credits to graduate

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

