

WASHINGTON STATE UNIVERSITY

B.S. in Economic Sciences Environmental & Resource Economics Option Advising Sheet - Fall 2021

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

FIRST-YEAR EXPERIENCE: 3 sem cr	Cr.	Grade	Offered
Roots of Contemporary Issues (3 cr) [ROOT]	3		F,S,SS
FOUNDATIONAL COMPETENCIES: 9 sem cr			
Quantitative Reasoning (3 cr.) [QUAN] Math 202/171	4		F,S,SS
Communication (3 cr.) [COMM] or [WRTG]	3-4		F,S,SS
Written Communication (3 cr.) [WRTG] Engl 101	3		F,S,SS
WAYS OF KNOWING: 16 sem cr			
Inquiry in the Social Sciences (3 cr.) [SSCI] EconS 101/102	3		F,S,SS
Inquiry in the Humanities (3 cr.) [HUM]	3		F,S,SS
Inquiry in the Creative & Professional Arts (3 cr.) [ARTS]	3		F,S,SS
Inquiry in the Natural Sciences (7 cr.) [BSCI, PSCI, SCI]	4		F,S,SS
	3-4		F,S,SS
INTEGRATIVE AND APPLIED LEARNING: 6 sem cr			
Diversity (3 cr.) [DIVR]	3		F,S,SS
Integrative Capstone (3 cr.) [CAPS] EconS 490	3		F,S

*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	26
Env & Res Economics Option	30
Concentration Area	9
Electives	21
Total	120

Concentration Areas:

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

NOTE:

To certify in the major you must have at least 24 credits and a 2.0 cum GPA.

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

Must pass Math 201 + 202 with a C or better

Must have 120 minimum credits to graduate.

40 out of the 120 credits must be in upper division courses.

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		4		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		3		F,S,SS
or 499	Special Problems or				
or 483	Study Abroad or				
or 495	Instructional Practicum or				
or UH 450	Honors Thesis or				
or UD EconS	course for Int'l Students				
Non-EconS Requirements:			Cr.	Grade	Offered
Com 102	Public Speaking Digital Age 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) or				F,S,SS
106	College Algebra (3 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 (Math 201, co-req MIS 250 +				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	Economic Development		3		S
EconS 430	Managing the Global Env		3		F, SS
EconS 431	Econ Anly Env & Nat Res Pol		3		F
Two of:			Cr.	Grade	Offered
ComSoc 476 or 477	Environmental Comm or Risk Communication		3		F
					F,S
SOE 444	Environmental Assessment		4		F
SOE 438	Natural Resource & Environmental Policy & Law		3		S
Soil_Sci 368	Intro Geographic Info Sys		3		F
Electives: (6 credits)			Cr.	Grade	Offered
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
SOE 285 Climate Change: Planning for a Sustainable Environment
SOE 335 Environmental Policy
SOE 402 Human Health and the Environment
SOE 445 Hazardous Waste Management
SOE 315 Water and the Earth
SOE 340 Geologic Structures
SOE 350 Mineralogy and Crystallography
SOE 470 Introduction to Economic Geology
History 494 Global Environmental History
IPM 452 Pesticides and the Environment
SOE 300 Natural Resource Ecology
SOE 301 Forest Plants and Ecosystems
SOE 312 Natural Resource and Society
Phil 370 Environmental Ethics
Physics 380 Physics and Society
Soc 332 Society and Environment