

WASHINGTON STATE UNIVERSITY

B.S. in Economic Sciences Environmental & Resource Economics Option Advising Sheet - Fall 2023

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 Environmental Comm or	3		F
477 Risk Communication			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