

# POLITICS & POLICY – CORE Program – Effective Fall 2016

Updated: 8/2/16 - WW

**UM Core:** ENGL 101 \_\_\_\_\_, (HL) \_\_\_\_\_, (HA) \_\_\_\_\_, (HL/HA/HO/IE) \_\_\_\_\_, (SH) \_\_\_\_\_, Diversity \_\_\_\_\_  
 Adv. Writing \_\_\_\_\_, Adv. Studies \_\_\_\_\_.

**Grading Policy:** Environmental Science and Policy students must earn C- grades or higher in all ENSP core courses and in all required courses and restricted electives of the selected area of concentration.

Required from ENSP Core (33-35 credits):

Course	Title	Cr	Offered	Prerequisites	Grade	Completed	Notes
All three: ENSP 101 (PS) ENSP 102 ENSP 400 (AS)	Intro. to Environmental Science Intro. to Environmental Policy Capstone in Env. Sci & Policy	3 3 3	F Sp Sp, F	- - Senior year; ENSP 101 and 102	___ ___ ___	_____ _____ _____	_____ _____ _____
Appl Sci & Pol (one) ENSP305 ENSP340 ENSP342 ENSP350	Quant. Methods Sci, Ethics, Law: Water Oceans: Integ. Policy Energy & Science	3 3 3 3	Sp Fa Sp TBA	60 credits, ENSP101 and 102, and perm. 60 credits, ENSP101 and 102, and perm. 60 credits, ENSP101 and 102, and perm. 60 credits, ENSP101 and 102, and perm.	___ ___ ___ ___	_____ _____ _____ _____	_____ _____ _____ _____
Calculus: MATH 140 (MS) <i>or</i> MATH 220 (MS)	Calculus I (recommended) Elementary Calculus I	4 3	Sp, F, Su Sp, F, Su	dept. perm. or MATH 115 w/C or better dept. perm. or MATH 113, or 115	___ ___	_____ _____	_____ _____
Statistics (one): BIOM 301 GEOG 306 PSYC 200	Introduction to Biometrics Introduction to Quant. Methods Statistical Methods in Psychology	3 3 3	Sp, F Sp, Su Sp, F, Su	MATH 115 MATH 111 or 140 or 220. PSYC100 <i>not</i> req'd for ENSP majors.	___ ___ ___	_____ _____ _____	_____ _____ _____
Economics (one): ECON 200 (SB) <i>or</i> AREC 240 (SB) <i>or</i> AREC 241	Princ of MicroEconomics Intro to Econ and Environment Environment, Econ, and Policy	3 4 4	Fa,Sp, Su, W Sp Fa	Math 220 recommended Math 220 recommended	___	_____	_____

And: One (1) course from 3 of the following 4 categories (BSCI 106, GEOG 201/211 and GEOG 130 recommended):

Biology: BSCI 160/161 (LL)	Principles of Ecol & Evolution	3/1	Sp, F, Su	placement in MATH 220 or higher			
Chemistry: CHEM 131/132 (PL)	General Chemistry I	3/1	Sp, F, Su	placement in MATH 220 or higher			
Earth Sciences: ENST 200 (LL) GEOG 100/110 (PL) GEOG 120/110 (PS) GEOG 201/211 (PL) AOSC 200/201 (PL)	Fundamentals of Soil Science Physical Geology/Lab Environmental Geology/Lab Geography of Env. Systems/Lab. Weather and Climate/Lab	4 3/1 3/1 3/1 3/1	Fa Sp, F, Su Sp, F, Su F, Sp, Su Sp, F	CHEM 131/132 or dept. perm. - - MATH 110 or 115. -	___ ___ ___ ___ ___	_____ _____ _____ _____ _____	_____ _____ _____ _____ _____
Geography: GEOG 170 (SB) GEOG 130 (SB/D) GEOG 140 (PS) GEOG 202 (SB)	Intro to Geospatial Analysis Developing Countries Natural Disasters Intro to Human Geography	3 3 3 3	F F, Su F Sp	- - - -	___ ___ ___ ___	_____ _____ _____ _____	_____ _____ _____ _____

REQUIRED for POLITICS & POLICY (26 credits):

Course	Description	Cr	Offered	Prerequisites	Grade	Completed	Notes
ECON 201	Principles of Macro-Economics	4	Sp,F,Su	Math placement of 115 or higher.			
GVPT 170	American Government	3	Sp,F,Su,W	-			
GVPT 200	International Political Relations	3	Sp,F,Su,W	GVPT 100 or ENSP 102			
GVPT 273	Intro to Environmental Politics	3	Sp	GVPT170 or ENSP102			
GVPT 280	Comparative Politics and Government	3	Sp	ENSP 102 fills GVPT 100 prerequisite.			
GVPT 306	Global Ecopolitics	3	Sp	GVPT 200.			
GVPT 419B	Adv Topics in Environ Policy Analysis	3	Fa				
ENSP 330	Environmental Law	3	Sp, F	ENSP101, ENSP102, 60 credits; dept. perm.			

RESTRICTED ELECTIVES (18 credits): Select **6** courses from the following list, not more than 2 from GVPT.

Course	Description	Cr	Offered	Prerequisites	Grade	Completed	Notes
AREC 332	Introduction to Natural Resource Policy	3	TBA	No longer offered			
AREC 365	World Hunger, Pop., & Food Supplies	3	Sp, Fa	-			
AREC 455	Economics of Land Use	3	F	ECON 200, 201 and AREC 326 <b>or</b> ECON326.			
ANTH 450	Theory and Prac of Env Anthropology	3	F	Junior standing.			
ECON 306	Intermed Microeconomics	3	Sp, Su, F	ECON 200, ECON 201, and MATH 220			
ECON 451	Public Choice and Public Policy	3	Sp, F	ECON 326 or (ECON 306 and dept. perm.)			
ENSP 305	Applied Data Quantitative Methods	3	Sp	ENSP101, ENSP102, MATH220, Statistics; dept. perm.			
ENSP 340	Water: Science, Ethics & Law	3	Fa	ENSP101, ENSP102, 60 credits; dept. perm.			
ENSP 342	Oceans: Integr. Policy Response	3	Sp	ENSP101, ENSP102, 60 credits; dept. perm.			
ESNP 350	Energy: Science and Policy	3	Fa	ENSP101, ENSP102, 60 credits; dept. perm.			
ENSP 386	Internship	3	Sp, Su, F	Internship proposal approved			
GEOG 373	Geographic Information Systems	3	F, W, Su	-			
GEOG 415	Land Use, Climate Chg, and Sustain.	3	Sp	GEOG 201/211, GEOG 306 or equiv			
GEOG 431	Culture and Nat Resource Management	3	Fa	GEOG 202 recommended.			
GEOG 435	Population Geography	3	Sp	-			
GVPT 388	Topical Investigations	1-3	Sp, Su, F	-			
GVPT 401	Problems of World Politics	3	Sp	GVPT 200			
GVPT 473	Legislatures and Legislation	3	Sp, Su, F	GVPT 170			
HIST 405	Environmental History	3	<i>varies</i>				
PHIL 261 <i>or</i> PHIL209C	Philos of the Environment Heated Debates: Philos and Climate Chg	3 3	Sp Sp				
SOCY 305 <i>or</i> SOCY 405	Scarcity and Modern Society Scarcity and Modern Society Seminar	3 3	Sp, F Sp				
SOCY 410	Social Demography	3	Sp, F	3 credits of sociology <i>and</i> ENSP 102			

Advisor notes, approved course substitutions, etc.