

ENSP – Culture and Environment

Effective Spring 2017

Updated 7/24/18 - ABM

| ENSP Core | | | |
|--|------------------------------|-----------|-------|
| Course | Title | Offered | Grade |
| All | | | |
| ENSP101 (NS) | Intro to Env Science | Fa | |
| ENSP102 (HS) | Intro to Env Policy | Sp | |
| ENSP400 (SP) | Senior Capstone | Fa,Sp | |
| Applied Science and Policy (one) | | | |
| ENSP305 | Quant. Methods | Fa, Sp | |
| ENSP330 | Environmental Law | Fa | |
| ENSP340 | Sci, Ethics, Law: Water | Sp | |
| ENSP342 | Oceans: Integ. Policy | Sp | |
| ENSP350 | Energy & Science | TBA | |
| Calculus (one) | | | |
| MATH120 (MA) | Elementary Calculus | Fa,Sp,Su | Grade |
| MATH140 (MA) | Calculus I (rec.) | Fa,Sp,Su | |
| Statistics (one) | | | |
| BIOM301 (AR) | Intro to Biometrics | Fa, W, Sp | Grade |
| ECON230 | Applied Econ Statistics | Fa, Sp | |
| GEOG306 (AR) | Intro to Quant Methods | Fa,Sp,Su | |
| PSYC200 (AR) | Stat Methods in Psysc | Fa,Sp,Su | |
| SOCY201 (AR) | Intro to Stats for Socio | Fa,Sp,Su | |
| Four (4) courses from the 5 groups below: | | | |
| Biology | | | |
| BSCI160/161 (NL) | Princ of Ecology & Evol | Fa,Sp,Su | Grade |
| Chemistry | | | |
| CHEM131/132 (NL) | General Chemistry I | Fa,Sp,Su | Grade |
| Earth Sci (one) | | | |
| AOSC200/201 (NL) | Weather & Climate/Lab | Fa,Sp | Grade |
| ENST200 (NL) | Fund of Soil Science | Fa | |
| GEOG201/211 (NL) | Geog Environ Sys/Lab* | Fa,Sp,Su | |
| GEOL100/110 (NL) | Physical Geology/Lab | Fa,Sp,Su | |
| GEOL120/110 | Environmental Geology | Fa,Sp | |
| | *recommended | | |
| Economics (one) | | | |
| AREC240 (HS) | Intro to Econ and Env | Sp | |
| AREC241 (HS, IS) | Env, Econ, and Policy | Fa | |
| ECON200 (HS) | Princ of Micro-Econ | F,S,Su,W | |
| Geography (one) | | | |
| GEOG130 (HS) | Developing Countries | Fa,Su | |
| GEOG140 (IS) | Natural Disasters | Fa | |
| GEOG170 (NS) | Geospatial Intell. and Anal. | Fa | |
| GEOG202 (CC) | Intro to Human Geography | Sp,Su | |
| ENSP Graduation Requirements | | | |
| _____ Students must earn <u>C- or higher</u> in all courses used for ENSP Core and Concentration requirements. | | | |
| _____ Students' major GPA must be 2.0 or higher. | | | |

| General Education | | |
|---|--------------|-----|
| Fundamental Studies (15 credits) | | |
| Requirements | Course | Cr |
| Academic Writing (AW) | | 3 |
| Professional Writing (PW) | | 3 |
| Oral Communication (OC) | | 3 |
| Math (MA) | Calculus | 3-4 |
| Analytical Reasoning (AR) | Statistics | |
| Distributive Studies (25 credits) | | |
| Requirements | Course | Cr |
| Natural Sciences w/Lab (NL) | ENSP Lab Sci | 4 |
| Natural Science (NS) | ENSP 101 | 3 |
| History and/or Social Sci (HS1) | ENSP 102 | 3 |
| History and/or Social Sci (HS2) | | 4 |
| Humanities (HU1) | | 3 |
| Humanities (HU2) | | 3 |
| Scholarship in Practice (SP, major) | ENSP 400 | 3 |
| Scholarship in Practice (SP, non-major) | | 3 |
| I-Series (6 credits)* | | |
| * May double-count with Distributive Studies | | |
| Requirements | Course | Cr |
| I- Series (IS) | | 3 |
| I- Series (IS) | | 3 |
| Diversity (4-6 credits)* | | |
| * May double-count with Distributive Studies | | |
| Requirements | Course | Cr |
| Understanding Plural Societies (UP) | ANTH22 2 | 3-6 |
| Understanding Plural Societies (UP) or Cultural Competency (CC) | | 0-3 |
| Experiential Learning (0-3 credits)* | | |
| * May overlap with major requirements | | |
| Requirements | Course | Cr |
| A course in Applied Field Methods <i>is required</i> in this major. | See p. 3 | 3 |
| Graduation Requirements | | |
| _____ <u>Up to 6 AP courses</u> may be used for Gen Ed | | |
| _____ No more than 60 credits earned from Community College | | |
| _____ Last 30 credits must be earned at Maryland | | |
| _____ 120+ cumulative credits <i>and</i> 2.0+ cum GPA | | |

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REQUIREMENTS (13 credits):

| Course | Description | Cr | Offered | Prerequisites | Grade |
|----------------------|---|--------|-------------|---------------|-------|
| ANTH222 | Intro to Ecological & Env, Anth. (UP) | 4 | Sp,F,W,Su | | |
| ANTH322 | Method & Theory in Ecological Anth | 3 | F | ANTH222 | |
| ANTH240 & ANTH340 | Intro to Archaeology (UP) & Method & Theory in Archaeology | 3 3 | F,Sp F | ANTH240 | |
| <i>OR</i> | | | | | |
| ANTH260 & ANTH360 | Intro to Cultural Anthropology (UP) & Method & Theory in Sociocultural Anthropology | 3 3 | F, Sp Sp | ANTH260 | |

RESTRICTED ELECTIVES in Anthropology: Choose at least 4 courses and 12 credits. At least 6 credits must be 300/400 level courses.

| | | | | | |
|----------|--|---|---------|--|--|
| ANTH265 | Anthropology of Global Health (IS,SB) | 3 | F,Sp | | |
| ANTH266 | Changing Climate, Changing Culture (IS, CC) | 3 | Sp,W,Su | | |
| ANTH341 | Introduction to Zooarchaeology | 3 | Sp | | |
| ANTH451 | Environmental Archaeology | 3 | F | | |
| ANTH450 | Environmental Anthropology | 3 | F | | |
| ANTH452 | Anthropology and Climate Change | 3 | F | | |
| ANTH453 | Archaeology of the Modern City | 3 | F | | |
| ANTH462 | Amazon Through Film | 3 | Sp | | |
| ANTH456 | Conservation and Indigenous Peoples | 3 | Sp | | |
| ANTH469P | Culture, Cognition, and Environment | 3 | Sp | | |

RESTRICTED ELECTIVES outside Anthropology – 15 credits, including at least 9 upper-level credits and 6 credits from the same academic department. Students may suggest additions to this list by bringing a course syllabus to the faculty advisor and explaining how the course relates to their long-term academic or career interests. These courses cannot double count with any ENSP Core requirements.

| Course | Description | Cr | Offered | Prerequisites | Grade |
|---------|--|----|-------------------|--|-------|
| AGNR301 | Sustainability | 3 | F, Sp | Also offered as PUA301 | |
| BSCI135 | Plants that Transformed the World | 3 | F | | |
| BSCI361 | Ecology | 4 | F, Sp | BSCI160/161 | |
| BSCI363 | Biology of Conservation and Extinction | 3 | F | BSCI361 | |
| ENSP340 | Science, Ethics, Policy of Water | 3 | F | ENSP101, 102; and junior standing | |
| ENST214 | Intro to Fish and Wildlife Sciences | 3 | F | | |
| ENST233 | Intro to Environmental Health | | F, Sp | | |
| ENST404 | Ethics in Natural Res Management | 3 | Sp of "odd" years | ENST214 | |
| ENST440 | Crops, Soils, and Civilization | 3 | Sp | | |
| GEOG130 | Geog of Developing Nations | 3 | Sp | | |
| GEOG202 | Intro to Human Geography | 3 | Sp, W, Su | | |
| GEOG328 | Regional Geography | 3 | F, Sp | Changes depending on term, including China, sub-Saharan Africa, etc. | |
| GEOG330 | Society and Sustainability | 3 | F | | |
| GEOG332 | Economic Geography | 3 | F | | |
| GEOG333 | Social Geography of Metro Areas in Global Perspectives | 3 | F | | |
| GEOG372 | Remote Sensing | 3 | F, W, Sp, Su | | |
| GEOG373 | GIS | 3 | F, W, Sp, Su | | |
| GEOG413 | Migration | 3 | Sp | GEOG313 | |

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|-----------------------|---|--------|----------------|--|
| GEOG416 | Conceptualizing and Modeling Human-Environment Interactions | 3 | F | Permission of instructor or GEOG306, STAT100, or MATH111; and (GEOG201 and GEOG202); and (GEOG331 or GEOG330). Corequisite: MATH130, MATH140, or MATH120 or MATH220. |
| GEOG423 | Latin America | 3 | F | Permission of GEOG department. Or GEOG201 and GEOG202; and (GEOG332, GEOG435, or GEOG333). |
| GEOG431 | Culture and Natural Resource Mgmt | 3 | F | |
| GEOL331 | Principles of Paleontology | 3 | F | GEOL102 or permission of the dept |
| GVPT200 | International Political Relations | 3 | F, SP | |
| GVPT273 | Intro to Env Politics and Policy | 3 | Sp | |
| GVPT306 | Ecopolitics | 3 | F | GVPT200 |
| HIST189B | Sustainability and History: Maryland | 3 | Sp | |
| HIST205 | Environmental History | 3 | F | |
| HIST405 | Environmental History | 3 | Sp | |
| INAG123 | Intro to Sustainable Agriculture | | | |
| SOCY100 or SOCY105 | Intro to Sociology Social Problems | 3 3 | F, Sp F, Sp | |
| SOCY200 | Human Societies | 3 | Sp | |
| SOCY230 | Social Psychology | 3 | F, Sp | |
| SOCY405 | Scarcity and Modern Society | 3 | Sp | |
| SOCY441 | Social Stratification | 3 | F, Sp | |
| MIEH275 | Global Environmental Health | 3 | Su | Permission of instructor |
| MIEH300 | Introduction to Environmental Health | 3 | F | CHEM131/132; Permission of instructor |
| MIEH321 | Syphilis to SARS: Climate Change, Development, and Emergence of Infectious Diseases | 3 | Su | |
| MIEH330 | Environmental Justice, Racism, and Environmental Health Disparities | 3 | Su | |
| MIEH331 | The Built Environment and Public Health | 3 | Su | |

>>> Advisor notes, approved course substitutions, etc.

APPLIED FIELD METHODS (3-6 credits):

| Course | Description | Cr | Offered | Prerequisites | Grade |
|-------------------------------------|-------------------------------------|----|---------|---|-------|
| ENSP386 | Internship | 3 | F,Sp,Su | Approved proposal and Permission of advisor | |
| ENSP499 | Honors Thesis Research | 3 | F,Sp,Su | Approved proposal and Permission of advisor | |
| ANTH467 <i>Formerly ANTH4680</i> | Researching Environment and Culture | 3 | S | Required core anthro courses | |
| ANTH495 | Advanced Field Training in Brazil | 3 | Su | | |
| ANTH496 | Field Methods in Archaeology | 3 | Su | | |