

ENVIRONMENTAL AFFAIRS INTERDISCIPLINARY STUDIES CERTIFICATE PROGRAM

**Colorado State University College of Liberal Arts
Certificate Checksheet**

Student Name (please print clearly)

Student ID#

Advisor

Current Major

ENVIRONMENTAL AFFAIRS CORE (9 credits):

Choose 3 courses from: ANTH330¹, ANTH/ETST414, ANTH415, E403, ECON/AREC340, HIST355, JTC461, PHIL345, POLS(361 or 362), SOC460

Course	Semester	Grade

ENVIRONMENTAL SCIENCE (6 credits):

A. Choose one course from:

BIO320, ERHS220, F210, GEOL122², GEOL124, GR210, NR120A, NR120B, NR130, SOCR240

Course	Semester	Grade

B. Choose a second course from the A list OR choose

one course from the B list below OR choose a science course in consultation with adviser.

Courses in B must have a strong environmental focus:

AGRI/IE116, ATS(350 AND 351), BSPM102, CIVE/ENVE322, CIVE413, CIVE425, ERHS320, F324, FW100, FW200, GR100, NR150, NR300, NR326, NRRT452³, RS300, RS478, SOCR421, WR304

LIBERAL ARTS ELECTIVES (3 credits):

Choose one course from the list below OR a different course with a strong environmental focus may be used with approval of adviser:

Course	Semester	Grade

ANTH330⁴, E403, AREC/ECON240, AREC/ECON340, AREC/ECON344, ECON344, AREC/ECON346, ETST344, ETST/ANTH414, HONR492, HIST351, HIST352, HIST355, JTC461, PHIL/AGRI330, PHIL345, POLS(361 OR 362) , SOC320, SOC364, SOC460, SOC461

ELECTIVES FROM OTHER COLLEGES (3 credits):

Select a minimum of three credits from the list below OR a different course with a strong environmental component may be used with approval from adviser:

Course	Semester	Grade

AGRI/PHIL330, CIVE/ENVE438, CIVE/CBE439, CIVE440, AREC202, AREC/ECON240, AREC/ECON340, AREC342, AREC/ECON346, AREC375, AREC460, AREC478, ERHS410, ERHS446, ENVE441, F322, F330, FW356, GR320, GR342, GR345, HORT466, LAND110, LAND120, CON/INTD450, NR320, NR355, NR365, PSY316, NRRT330, NRRT462, RS/SOCR320, SOCR370, SOCR/CIVE377

TOTAL CREDITS (21 credit minimum): _____

¹ Only one ANTH course can be used for the environmental affairs core.

² GEOL121 is also recommended.

³ Offered as a correspondence course only.

⁴ May be taken if not selected in the environmental affairs core.

Course Title (Prerequisite) [AUCC category]

AGRI/IE116 Plants and Civilization [3E]
AGRI/PHIL330 Agricultural Ethics
***ANTH330 Human Ecology** (ANTH100; ANTH120 or BIO220 or BZ101)
***ANTH/ETST414** Development in Indian Country
***ANTH415** Indigenous Ecologies and the Modern World
AREC202 Agricultural and Resource Economics [3C]
AREC/ECON240 Issues in Environmental Economics credit not allowed for AREC240 and ECON240 [3F]
***AREC/ECON340** Intro. to the Economics of Natural Resources (AREC/ECON202) credit not allowed for AREC340 and ECON340
AREC342 Economics Analysis—Water Resource Development (AREC/ECON202)
AREC/ECON346 Economics of Outdoor Recreation (AREC/ECON202) credit not allowed for AREC346 and ECON346
AREC375 Agricultural Law
AREC460 Economics of World Agriculture (AREC/ECON202)
AREC478 Agricultural Policy (AREC/ECON202 or AREC/ECON240)
ATS350 Intro. to Weather and Climate
ATS351 Intro. to Weather and Climate Laboratory (ATS350 or concurrent registration)
BIO320 Ecology (one course in biology; MATH141 or MATH155 or MATH160)
BSPM102 Insects, Science, and Society [3A]
CIVE/ENVE322 Basic Hydrology (CIVE300 or CBE331 or WR416; CIVE202 or STAT301 or STAT309; or written consent of instructor)
CIVE413 Environmental River Mechanics (CIVE300 or WR416)
CIVE425 Soil and Water Engineering (CIVE300 or CBE331 or SOCR240)
CIVE/ENVE438 Pollution Control Engineering (CHEM113; CIVE300 or CBE331 or MECH342)
CIVE/ENVE439 Environmental Engineering Chemical Concepts (CHEM113; MATH340)
CIVE440 Nonpoint Source Pollution (one course in soil science, hydrology, or fluid mechanics)
CON/INTD450 Travel Abroad-Sustainable Building
***E403** Nature Writing (one literature course or CO301 A-D or E311 A-C)
ECON344 Economics of Energy Resources (AREC/ECON202)
ENVE441 Water and Wastewater Characterization (CIVE440 or CIVE438/ENVE438 or concurrent registration)
ERHS320 Environmental Health Water Quality (MIP300 or concurrent registration)
ERHS410 Environmental Health Waste Management (CHEM346; ERHS230)
ERHS446 Environmental Toxicology (CHEM245 or CHEM346)
ETST344 Native American Ceremony and the Sacred
ETST/ANTH414 Development in Indian Country, credit not allowed for ETST414 and ANTH414
F210 Forest Ecogeography (BZ120)
F322 Economics of the Forest Environment (AREC/ECON202 or AREC/ECON240)
F324 Fire Effects and Adaptation (BIO220 or BIO320)
F330 Timber Harvesting and Environment (F230 or F321)
FW100 Wildlife Fundamentals (concurrent registration in FW192 for freshmen) credit not allowed for FW100 and FW200
FW200 Wildlife Conservation (MATH118) credit not allowed for FW100 and FW200
FW356 Leopold's Ethic for Wildlife and Land
GEOL122 The Blue Planet: Geology of Our Environment [3A]

Course Title (Prerequisite) [AUCC category]

GEOL124 Geology of Natural Resources [3A]
GR100 Intro. to Geography
GR210 Physical Geography
GR320 Cultural Geography (GR100)
GR342 Geography of Water Resources
GR345 Geography of Hazards (GR210)
HIST351 American West to 1900
HIST352 American West since 1900
***HIST355** American Environmental History
HONR492 Senior Seminar (HONR392 and participation in Honors Program)
HORT466 Community Forestry (F210 or HORT221; HORT464)
***JTC461** Writing About Science, Health, and Environment (JTC192 or JTC210; JTC211)
LAND110 Intro. to Landscape Architecture
LAND120 History of the Designed Landscape
NR120A Environmental Conservation
NR120B Environmental Conservation (Participation in Honors Program)
NR130 Global Environmental Systems [3A]
NR150 Oceanography [3A]
NR300 Biological Diversity (NR120A or B or one course in biology)
NR320 Natural Resources History and Policy [3D & 3F]
NR326 Forest Vegetation Management (NR220)
NR355 Contemporary Environmental Issues (One course in biology or written consent of instructor)
NR365 Environmental Education
NRRT330 Social Aspects of Natural Resource Management
NRRT452 Management of the Wilderness Resource (NRRT451)
NRRT462 Environmental Communication-Natural Resources (NRRT262)
PHIL/AGRI330 Agricultural Ethics
***PHIL345** Environmental Ethics (sophomore or higher or written consent of instructor)
***POLS361** U.S. Environmental Politics and Policy (POLS101)
***POLS362** Global Environmental Politics (POLS232 or POLS241)
PSY316 Environmental Psychology (PSY100)
RS300 Principles of Range Management (BZ120 or LIFE103)
RS/SOCR320 Forage and Range Management (HORT100 or SOCR100; SOCR240)
RS478 Restoration Ecology (BIO220 or BZ450 or F311; SOCR240)
SOC320 Population – Natural Resources and Environment (SOC100 or SOC105)
SOC364 Agriculture and Global Society (SOC100 or SOC105)
***SOC460** Society and Environment (SOC100 or SOC105)
SOC461 Sociology of Water Resources (SOC100 or SOC105)
SOCR240 Introductory Soil Science (CHEM107 or CHEM111)
SOCR370 Irrigation Principles and Management (HORT100 or SOCR100; SOCR240)
SOCR/CIVE377 Geographic Information Systems in Agriculture (CS110)
SOCR421 Crop and Soil Management Systems II (HORT100 or SOCR100; SOCR240)
WR304 Principles of Watershed Management [3A]

* Environmental Affairs Core courses

For further information, contact the Environmental Affairs Program Director:

Mark Fiege, History