

2020-2021 Advising Checklist
B.S. Environmental Science: Social Science Option
 College of Natural Resources

Name: _____ Student ID: _____ Advisor: _____

Course (prerequisite classes; notes)

First Year – Fall Semester	CR	GR	Sem
ENVS 101 – Intro Environmental Science	3		FS
ENVS 102 – Field Activities (EnvS 101 pre-req or co-req)	1		FS
ENGL 101 – Introduction to College Writing (sufficient standardized test score)	3		FS
MATH 108 – Intermediate Algebra	3		FS
ISEM 101 – Integrated Seminar OR ^General Education Requirement	3		FS FS
^General Education Requirement	3		FS
Total Credits	16		

First Year – Spring Semester	CR	GR	Sem
BIOL 114 – Organisms & Environments	4		FS
COMM 101 – Fund of Public Speaking OR COMM 233 – Interpersonal Comm	2-3		FS
ENGL 102 – College Writing & Rhetoric (ENGL 101)	3		FS
MATH 143 – Pre-Calc Alg & Analy Geom. (Math 108)	3		FS
^General Education Requirement	3		FS
Total Credits	15		

Second Year – Fall Semester	CR	GR	Sem
STAT 251 – Stat. Methods (Math 108 or higher) OR STAT 301 – Probability & Stats (MATH 175)	3		FS
GEOL 101/L – Physical Geology w/Lab OR GEOL 111/L – Physical Geology for Science Majors w/Lab OR SOIL 205/206 – The Soil Ecosystem (CHEM 101/L) OR GEOG 100/L – Physical Geography w/Lab	4		FS
Breadth Elective – Ecology	3		FS
^General Education Requirement	3		FS
Total Credits	13		

Second Year – Spring Semester	CR	GR	Sem
ENVS 225 – Int. Enviro Issues (Rec prep: ENVS 101)	3		S
ENGL 309 – Rhetorical Style (ENGL 102 and Sophomore Standing) OR ENGL 202 – Intro to Profession. Writing (ENGL 102) OR PHIL 201-Critical Thinking	3		S
Breadth Elective-Human Dimensions	3		FS
^General Education Requirement	3		FS
ISEM 301- Integrated Seminar	1		FS
Total Credits	13		

Third Year – Fall Semester	CR	GR	Sem
ENVS 400 – Seminar	1		F
PHIL 452 – Environmental Philosophy	3		F
SOC 309 – Social Science Rsrch Mtds OR NRS 310 – Social Science Methods	3		F
Breadth Elective – Enviro Policy & Reg	3		FS
Breadth Elective – Technical	3-4		FS
Total Credits	13-14		

Third Year – Spring Semester	CR	GR	Sem
ENGL 316 – Environmental Writing (ENGL 102) OR ENGL 317 – Technical Writing (ENGL 102, Jr. standing) OR ENGL 318 – Science Writing (ENGL 102)	3		FS
Breadth Elective – Sustainability & Int.	3		FS
Breadth Elective – Water	3		FS
Breadth Elective – Technical	3		FS
Depth Elective	3		FS
Total Credits	15		

Fourth Year – Fall Semester	CR	GR	Sem
ENVS 497 – Senior Research (Senior Standing; Pre/Co-req ENGL 319 or 317)	2		FS
General Education Requirement	3		FS
Breadth Elective – Technical	3		FS
Depth Elective	3		FS
Depth Elective	3		FS
Total Credits	14		

Fourth Year – Spring Semester	CR	GR	Sem
ENVS 497 – Senior Research (Senior Standing; Pre/Co-req ENGL 319 or 317)	2		FS
Depth Elective	3		FS
Depth Elective	3		FS
Depth Elective	3		FS
Class of your choice	3		FS
Total Credits	14		

This option is available to students wishing to pursue careers in environmental professions such as environmental regulation, land use planning, environmental administration, and as a pre-law program for environmental law.

^General Education Requirements: 18-credit minimum

BREADTH ELECTIVES	24
Ecology (one course from the following)	CR
BIOL 314 – Ecology & Population Biology (BIOL 114 and BIOL 115/115L; STAT 251 or 301; and MATH 160 or MATH 170) SPRING ONLY	4
FOR/REM 221, WLF 220 or NR 321– Ecology (Biol 102/Biol 102L or Biol 114 or Biol 115 or PISc 205; or Permission)	3
GEOG 410 – Biogeography (GEOG 100/100L or WLF 220 or FOR/REM 221 or Permission)	3
Environmental Policy & Regs (one course from the following)	CR
AIST 314 – Tribal Sovereignty & Federal Policy	3
AIST 421 – Native American Natural Resource Law	3
ENVS 479 – Intro to Environmental Regulations FALL ONLY	3
ENVS 577 – Law, Ethics & the Environment (NRS 235, POLS 364 & permission)	3
IS 322 – International Environmental Organizations	3
NRS 311-Public Involvement in NR Management	3
NRS/POLS 364 – Politics of the Environment	3
NRS/POLS 462 – Natural Resource Policy	3
Human Dimensions (one course from the following)	CR
AgEc 451 –Applied Environ and Nat'l Resource Economics (AgEc 301, AgEc 302, or ECON 385; or Permission)	3
AIST 344 – Indigenous Ways of Knowing	3
ANTH/SOC 465 – Environment, Policy & Justice	3
HIST 424 – American Environmental History	3
ECON 272 – Foundations of Economic Analysis	3
GEOG 345 – Global Economic Geography	3
NRS 235 – Society & Natural Resources	3
NRS 383 – NR & Ecosystem Serv. Econ. (NRS 235, ECON 202)	3
SOC 350 – Food, Culture & Society	3
Water (one course from the following)	CR
ASM 315 – Irrigation Systems & Water Mgmt (SOIL 205, MATH 160/170, or permission)	3
BE 453 – NW Climate and Water Resources Change (STAT 301)	3
ENVS/SOIL 450 – Environmental Hydrology (MATH 170)	3
ENVS 446 – Drinking Water and Human Health (S/AIt)	3
FISH 415 – Limnology (STAT 251, FOR 221/WLF 220)	4
FOR 462 – Watershed Science & Mgmt (MATH 143, PHYS 100/L or PHYS 111/L)	3
GEO 309 – Ground Water Hydrology (GEO 101/L, MATH 143)	3
Sustainability & Integration (one course from the following)	CR
ENVS 415 – Environmental Lifecycle Assessment	3
ENVS 428 – Pollution Prevention FALL ONLY	3
ENVS 484 – History of Energy	3
ENVS 485 – Energy Efficiency & Conservation	3
FS 436 – Principles of Sustainability (Jr standing)	3
GEOG 435 – Climate Change Mitigation	3
ENVS 386 – Social-Ecological Systems	3
REM 456 – Integrated Rangeland Management (ENGL 313 or 317)	3
Technical (choose three courses from the following)	CR
BIOL 115/115L – Cells & the Evolution of Life w/lab (CHEM 101/L)	4
BIOL 250 – General Microbiology (BIOL 115, CHEM 101/L)	3
BIOL 483 – Mammalogy (BIOL 114, BIOL 115)	3
BIOL 489 – Herpetology (BIOL 114, BIOL 115)	4
CHEM 253/254 – Quantitative Analysis & Lab (CHEM 112) (F)	4
CHEM 275 – Carbon Compounds (CHEM 101, 111, or Permission)	3
CHEM 277 – Organic Chemistry I (CHEM 112)	3
ENVS 498 – Internship	1-3
FOR/NRS 472 – Remote Sensing of the Environment	3
GEOG 301 – Meteorology (GEOG 100/L, PHYS 100/L, MATH 143) (F)	3
GEOG 313 – Global Climate Change (F)	3
GEOG 385 – GIS Primer OR NRS 375-Sp. Analysis for NR Mgmt	3
GEOG 401 – Climatology (GEOG 301, GEOG 313) (S/AIt)	3
GEO 483 – Remote Sensing/GIS Integration (GEOG 385 or equiv)	3
GEO 361 – Geology & the Environment (GEO 101/L, MATH 143)	3
MATH 175 – Analytic Geometry & Calc II (MATH 170)	4
PHYS 111/L – General Physics I (MATH 143)	4
PHYS 112/L – General Physics II (PHYS 111/L) (S)	4
PHYS 211/L – Engineering Physics I (Pre/Co-req: MATH 170)	4
PHYS 212/L – Engineering Physics II (PHYS 211/L) (S)	4
SOIL 205 – Soil Ecosystem (CHEM 101 or CHEM 111)	3
WLF 482 – Ornithology (BIOL 114, BIOL 115)	4

DEPTH ELECTIVES (Select five course from one area)	15
Policy and Law	CR
ENVS 479 – Intro to Environmental Regulations FALL ONLY	3
PHIL 470 – Philosophy of Law (Recommended Preparation: PHIL 103)	3
NRS/POLS 364 – Politics of the Environment	3
POLS 467 – Constitutional Law	3
POLS 468 – Civil Liberties	3
Administration and Planning	CR
ACCT 482 – Enterprise Accounting	3
COMM 410 – Conflict Management (Recommended Preparation: COMM 233)	3
NRS 386 – Social-Ecological Systems	3
NRS 387 – Environmental Communication Skills (NRS 125 or Permission)	3
FOR/NRS 484 – Forest Policy & Administration (Junior standing; Recommended Preparation: FOR 235)	3
GEOG 330 – Urban Geography FALL ONLY	3
NRS/POLS 364 – Politics and the Environment	3
POLS 451 – Public Administration	3
POLS 454 – Public Organization Theory	3
NRS/POLS 462 – Natural Resource Policy	3
PSYC 416 – Industrial/Organizational Psychology (PSYC 101)	3
Green Building and Community Design	CR
ARCH 151 – Intro to the Built Environment	3
ARCH 266 – Materials and Methods	3
ARCH 463 – Environmental Control Systems 1 & Lab (Co-req: ARCH 463L)	3
ARCH 464 – Environmental Control Systems 2 & Lab (Co-req: ARCH 464L)	3
GEOG 435 – Climate Change Mitigation	3
LARC 380 – Water Conservation Technologies (Recommended Prep: LArc 210) SPRING ONLY	3
LARC 480 – The Resilient Landscape (ENGL 102 and Junior standing) SPRING ONLY	3
Climate Change – Human Dimensions	CR
ECON 385 – Environmental Economics (ECON 202 or 272)	3
ENVS 479 – Intro To Environmental Regulations FALL ONLY	3
ENVS 484 – History of Energy	3
ENVS 485 – Energy Efficiently and Conservation	3
GEOG 313 – Global Climate Change FALL ONLY	3
GEOG 411 – Natural Hazards & Society	3
GEOG 435 – Climate Change Mitigation	3
GEOG 455 – Societal Resilience & Adaptation to Climate Change (Recommended Preparation: GEOG 411)	3
NRS 383 – Natural Resources and Ecosystem Service Economics (FOR 235 or NRS 235; and ECON 202 or ECON 272; and MATH 143) SPRING ONLY	3