2022-2023 YALE COLLEGE ENVIRONMENTAL STUDIES CHECKLIST

BS PROGRAM

PREREQUISITES

One Statistics, Mathematics, or Physics Course
_____ MATH 112 Calculus of Functions of One Variable I or higher (excluding MATH 190) or MATH 110 and MATH 111
_____ PHYS 170 University Physics for the Life Sciences or higher
_____ S&DS 101 Introduction to Statistics: Life Sciences or higher

Biology Prerequisite (two-credit BIOL sequence or EPS 125)
_____ BIOL 101 Biochemistry and Biophysics and 102 Principles of Cell Biology and BIOL 103 Genetics and Development and 104 Principles of Ecology and Evolutionary Biology (two credits), OR
_____ EPS 125 History of Life (one credit)

Two-term Lecture Series in Chemistry
_____ CHEM 161 and 165 Comprehensive University Chemistry or
_____ CHEM 163 and 167 Comprehensive University Chemistry or higher

One Natural Science Lab or Field Course
_____ CHEM 134L General Chemistry or higher
_____ EPS 111L Dynamic Earth Laboratory and Field Methods
_____ EVST 231 Temperate Woody Plant Taxonomy and Dendrology or EVST 360 Forest Dynamics
_____ EVST 234L Field Science: Environment and Sustainability
_____ EVST 244 Coastal Environments in a Changing World or EVST 400 Biological Oceanography
_____ EVST 290 Geographic Information Systems
_____ EVST 323 Wetlands Ecology, Conservation, and Management
_____ EPS 126 Laboratory for the History of Life

REQUIREMENTS

Two Social Sciences or Humanities Core Courses
_____ EVST 120 American Environmental History or EVST 318 American Energy History
_____ EVST 219 Philosophical Environmental Ethics
_____ EVST 351 The Anthropocene¹ or EVST 473 Climate Change, Societal Collapse, and Resilience or
EVST 354 The Ancient State
_____ EVST 228 Climate Change and the Humanities
_____ EVST 255 Global Food Challenges: Environmental Politics and Law
_____ EVST 324 Environmental Justice in South Asia
_____ EVST 340 Economics of Natural Resources
_____ EVST 422 Climate & Society Past to Present

¹ The Anthropocene is a proposed geologic time period in which humans have had a significant impact on the Earth's ecosystems.
Two Natural Science Core Courses (Sc) designation

- EVST 223 General Ecology or E&EB 225 Evolutionary Biology or E&EB 242 Behavioral Ecology
- EVST 362 Observing Earth from Space
- ENAS 120 Introduction to Environmental Engineering
- ENAS 360 Green Engineering and Sustainable Design
- EPS 101 Climate Change or EPS 110 Dynamic Earth or EPS 140 Atmosphere, Ocean, & Climate Change or EVST 431 The Physical Science of Climate Change

Six Concentration Courses
As decided in consultation with the DUS:
- One advanced seminar\(^{ii}\)
- Two courses that provide interdisciplinary context to your concentration
- Three SC courses

Concentration: ________________________________

Concentration Courses (Indicate those that are SC)
1. _______________________________________
2. _______________________________________
3. _______________________________________
4. _______________________________________
5. _______________________________________
6. _______________________________________

Senior Colloquium, Two-Terms

- EVST 496a
- EVST 496b

Proposed topic: ______________________________

\(^{i}\) EVST 351 is no longer offered. Last offered in Spring 2021.
\(^{ii}\) See FAQs on the EVST website for details.