The following list of courses is intended to be used as a guide to selecting courses for the Fall 2021 semester. The courses listed include **required** courses (bolded) as well as courses that are often of interest to students in the ENVIRSCI major. Courses with *ESP* notation also satisfy the major’s “praxes” requirement. Courses at the 300+ level will satisfy upper-level electives for the major.

### BIOLOGY
- **151** – Intro Biology I (with discussion)
- **152** – Intro Biology II
- **153** – Intro Biology Lab
- **280** – Evolution – Diversity of Life
- **285** – Cell and Molecular Biology
- **287** – Intro Ecology
- **288** – Intro Physiology
- **311** – General Genetics
- **335** – Topics in Plant Biology
- **422** – Field Ecology: Exp Approach
- **426** – New England Flora
- **550** – Animal Behavior
- **551** – Animal Communication

### CHEMISTRY
- **111** – Gen Chem I
- **112** – Gen Chem II
- **261** – Organic Chem I
- **262** – Organic Chem II
- **269** – Organic Chem Lab

### ECONOMICS (ECON)
- **308** – Political Economy of the Environment
- **310** – Environmental & Resource Economics

### ENVIRONMENTAL SCIENCE (ENVIRSCI)
- **101** – Intro Env Science (BS)
- **191A** – Intro Seminar I
- **213** – Environmental Policy
- **H213** – Env. Policy Honors coll.
- **364** – Environmental Soil Science
- **445** – Sustainability & Problem-solving (IE)
- **452** – Haz Waste Operations (OSHA)
- **491A** – Going to Grad School
- **515** – Microbiology of Soil
  - 564H – Env. Soil Science (Honors & grad)
  - 575 – Environmental Soil Chemistry
  - 587 – Phyto/bioremediation

### GEOGRAPHY
- **102** – Intro Human Geography (SBDG)
- **110** – Global Environmental Change (PS)
- **220** – World Regional Geography (SBDG)
- **352** – Computer Mapping (same as 592M)
- **354** – Climate Dynamics
- **397S** – Environment Geographies & Sustainability
- **426** – Remote Sensing
- **491P** – GIS Programming
  - **493A** – Cartography & Geovisualization
- **592M** – Computer Mapping (same as GEOG 352)

### GEOLOGY
- **101** – The Earth (PS)
- **101H** – The Earth (Honors)
- **103** – Oceanography (PS)
- **131** – Experiencing Geology
- **311** – Mineralogy
- **331** – Geological Mapping
- **431** – Structural geology
- **445** – Sedimentology
- **494LI** – Living on Earth (IE)
- **497S** – Soil Erosion/Ag Landscapes

### GISCIENCES (GEO-SCI)
- **519** – Aqueous Env. Geochemistry
- **563** – Glacial Geology

### LEGAL STUDIES (LEGAL)
- **250** – Intro Legal Studies (SBDU)
- **432** – Environmental Justice

### MATH
- **104** – Alg/Analy Geom & Trig
- **127** – Calculus I
- **128** – Calculus II
MICROBIOLOGY

MICROBIO
265 – Microbiology Lab, 2 cr. (by application)
310 – General Microbiology
444 - Biodeterioration, Bioconversion & Bioenergy
562 – Environmental Biotechnology

NATURAL SCIENCES COLLEGE

NATSCI
387 – CNS Junior Writing

NATURAL RESOURCES CONSERVATION

NRC
100 – Environment & Society (SI)
212 – Forest Tree & Shrub Identification<sup>esp</sup>
214 – Fish Sampling & ID<sup>esp</sup>
260 – Fish Conservation & Mgt
290B – Intro to Quantitative Ecology (R2)
494GC – Global Change Ecology (IE)
528 – Forest & Wetland Hydrology
564 – Wildlife Habitat Mgt<sup>esp</sup>
565 – Dyn. & Mgt of Wildlife Populations<sup>esp</sup>
570 – Ecology of Fish
573 – Behavioral Ecology & Conservation
585 – Intro Geographic Info Systems<sup>esp</sup>
597EC – Analytical Methods in Climate/Energy Policy
597EJ – Social Movements & Environmental Justice
597EP – Ecophysiology
597LP – Land Protection Tools & Techniques

PHYSICS

131 – Intro Physics I (TBL format only)
151 – Gen Physics I

POLITICAL SCIENCE

POLISCI
101 – American Politics (SB)
181 – Controversy in Public Policy (SBDU)
383 – Energy Policy

PUBLIC HEALTH

PUBHLTH
203 – Intro to Public Health Sciences
390CC- Climate Change & Health
360 – Air Pollution & Health
433 – Ecotoxicology & Public Health (tentative)

RESOURCE ECONOMICS

(RES-ECON)
102 – Intro Resource Economics (SB)
121- Hunger in the Global Economy (SBDG)
202 – Price Theory
212 – Intro Statistics / Social Sciences
213 – Intermed. Statistic Business & Econ
263 – Natural Resource Economics (SB)
H263 – honors Nat’l Resource Economics
313 – Quant. Methods in Applied Economics
397W- Economics of Water Policy
472 – Advanced Topics in Environmental and Resource Economics

STATISTICS

STATISTIC
240 – Intro to Statistics

STOCKBRIDGE SCHOOL OF AGRICULTURE

STOCKSCH
108 – Intro to Botany
326 – Insect Biology
490S – Soil Ecology
505 – General Plant Pathology
515 – Soil Microbiology (also listed under ENVSCI)
525 – Mycology<sup>esp</sup>
523 - Plant Stress Physiology
530 – Plant Nutrition
575 – Env. Soil Chemistry (also listed under ENVSCI)
581 – Integrated Pest Management
587 – Phyto/Bioremediation (also listed under ENVSCI)

SUSTAINABLE COMMUNITY DEVELOP. (SUSTCOMM)
533-Urban Greening Theory & Practice
574 – City Planning