

ENVIRONMENTAL SCIENCES AND POLICY

Master List of Approved Courses for Focus Studies

Students may suggest alternative courses as they become available by e-mailing suggestions to undergrad@nicholas.duke.edu.

SOCIAL SCIENCE COURSES

African and African American Studies (AAAS)

352: Pigging Out: The Cultural Politics of Food

Cultural Anthropology (CULANTH)

254: Culture and Politics of the América Borderlands

395AS: Environment, Health and Development in China

419S: Global Environmentalism and the Politics of Nature

425: Globalization and Anti-Globalization

Documentary Studies (DOCST)

332S: Farmworkers in North Carolina: Roots of Poverty, Roots of Change

335S: Who Cares and Why: Social Activism and its Motivations

Economics (ECON)

325S: Economic Analysis of Current Energy Issues

328: Regulation and Deregulation in Public Utilities

339: Environmental Economics and Policy

431(S): Research Methods: Energy Markets/Environmental Impacts

432S: Environmental Justice: The Economics of Race, Place, and Pollution

465: Market Power and Public Policy

527: Regulation and Deregulation in Public Utilities

Engineering (EGR)

260: Global Disasters: Science and Policy

261: Global Disasters: Reasons, Response and Recovery

Environment (ENVIRON)

Any ENVIRON course open to qualified undergraduates may be used to satisfy relevant focus study areas providing the course is not used to fulfill other major requirements.

German (GERMAN)

364: Green Germany: World Leader in Environmental Policy

Global Health (GLHLTH)

531: Cost-Benefit Analysis for Health and Environmental Policy

637K/S: Population and Environmental Dynamics Influencing Health

History (HISTORY)

204: Modern Africa

365D: The Modern Regulatory State

368(D): History of Evolution and Society

371: Feast and Famine: Food in Global History

Philosophy (PHIL)

282: Science, Ethics & Democracy

Policy Journalism and Media Studies (PJMS)

381S: Science and the Media

Political Science (POLSCI)

295A: Environmental Policy in Europe (Berlin)

303: Gender, Race, and Ethnicity in Politics and Public Policy

321: International Law and International Institutions

344: Environmental Politics in the United States

348: Non-State Actors in World Politics

545S: International Environmental Regimes

549S: Collective Action, Property Rights, and the Environment

Psychology (PSY)

426: Social Psychology of Business

Public Policy Studies (PUBPOL)

212: Globalization and Public Policy

271S: Social Entrepreneurship in Action

272D: Historical Perspectives on Public Policy: The United States from 1945 to the Present

515S: Assisting Development

574: Economic Evaluation of Sustainable Development

579S: Collective Action, Environment, and Development

580S: Water Cooperation and Conflict

583S(K): Energy and U.S. National Security

596: Evaluation of Public Expenditures

598: Economic Growth and Development Policy

Women's Studies (WOMENST)

270S: Animals and Ethics: Welfare, Rights, Utilitarianism, and Beyond

275(S): Food, Farming and Feminism

366S: Nature, Culture and Gender

NATURAL SCIENCES COURSES**Biology (BIOLOGY)**

205: Marine Megafauna

207: Organismal Evolution

209 D-1: The Ecology of Human Health

209D-2: Ecology for a Crowded Planet

228: Food and Fuel for Growing Population: Nuts and Bolts of Plant Growth and Production

248: Evolution of Animal Form

250: Population Genetics

262: People, Plants, and Pollution: Introduction to Urban Environments

263: Biological Responses to Climate Change

267D: Behavioral Ecology and the Evolution of Animal Behavior

270A: Conservation Biology and Policy (Beaufort)

272A: Analysis of Ocean Ecosystems (Beaufort)

273LA: Marine Ecology (Beaufort)

278LA: Comparative Physiology of Marine Animals (Beaufort)

280A/LA: Fundamentals of Tropical Biology (Costa Rica)

281LA: Research Methods in Tropical Biology (Costa Rica)

283A: Tropical Disease, Environmental Change and Human Health

284A: South African Ecosystems and Diversity (South Africa)

285LA: Field Research in Savanna Ecology (South Africa)

288A: Biogeography in an Australian Context (Australia)

329D/L: Principles of Animal Physiology

330L: Comparative and Functional Anatomy of the Vertebrates

341L: Plant Communities of North Carolina

342L: Plant Systematics and Evolution

344S: Plant Diversity: A Field Approach

361LS: Field Ecology

372LA: Biochemistry of Marine Animals (Beaufort)

373LA: Sensory Physiology and Behavior of Marine Animals (Beaufort)

375(L)A: Biology and Conservation of Sea Turtles (Beaufort)

376(L)A: Marine Mammals (Beaufort)

377LA: Marine Invertebrate Zoology (Beaufort)

378LA: Marine Ichthyology (Beaufort)

379LA: Research Methods in Marine Science (Beaufort)

546S: Biology of Mammals

547L: Entomology

548L: Herpetology

557L: Microbial Ecology and Evolution

559S: Foundations of Behavioral Ecology

560: Ecology and Global Change

563S: Stormwater Science: Pollution, Pavement, and Precipitation

564: Biogeochemistry

565L: Biodiversity Science and Application
 570LA-1: Experimental Tropical Marine Ecology (Beaufort)
 570LA-2: Marine Ecology of the Pacific Coast of California (Beaufort)
 570LA-3: Harmony in Brittany: French Use of Marine Environments (Beaufort)
 588S: Macroevolution

Chemistry (CHEM)

202L: Organic Chemistry II
 302: Biophysical Chemistry
 310: Physical Chemistry I
 311: Physical Chemistry II
 401: Analytical Chemistry
 410: Inorganic Chemistry

Civil and Environmental Engineering (CEE)

302L: Introduction to Soil Mechanics
 461L: Chemical Principles in Environmental Engineering
 462L: Biological Principles in Environmental Engineering
 463L: Water Resources Engineering
 469: Integrated Environmental Design
 560: Environmental Transport Phenomena
 561L: Environmental Aquatic Chemistry
 562: Biological Processes in Environmental Engineering
 564: Physical Chemical Processes in Environmental Engineering
 565: Environmental Analytical Chemistry
 566: Environmental Microbiology
 571: Control of Hazardous and Toxic Waste
 575: Air Pollution Control Engineering
 581: Pollutant Transport Systems

Earth and Ocean Sciences (EOS)

Any EOS course open to qualified undergraduates may be used to satisfy relevant focus study areas providing the course is not used to fulfill other major requirements.

Engineering (EGR)

260: Global Disasters: Science and Policy
 261: Global Disasters: Reasons, Response and Recovery
 424L: Energy and Environment Design

Energy (ENERGY)

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Environment (ENVIRON)

Any ENVIRON course open to qualified undergraduates may be used to satisfy relevant focus study areas providing the course is not used to fulfill other major requirements.

Evolutionary Anthropology (EVANTH)

212FS: Social Structures in an Evolutionary Framework
 220: Human Evolution
 221S: The Ape-Human Transition
 235L: Primate Anatomy
 236L: The Primate Skeleton
 246: Sociobiology
 253: Primate Ecology
 257: Ecology and Adaption of Hunters and Gatherers
 285D: Human Health in Evolutionary Perspective
 310: Primate Evolutionary Genetics
 341D: Primate Sexuality
 344L: Primate Field Biology
 355: Food for Thought: The Biology of Nutrition
 359S: Primate Conservation
 363S: Evolution of Primate Social Cognition
 385D: Primate Disease Ecology and Global Health
 520S: Primate Morphology and Fossil Record

544L: Methods in Primate Field Ecology
546S: Primate Social Evolution
560S: Primate Cognition
582S: Primate Adaptation

Information Science and Information Studies (ISIS)

230: Meteorites and Solar System History

Mechanical Engineering (ME)

461: Energy Engineering and the Environment
462: Power Generation

Philosophy (PHIL)

314: Philosophy of Biology

Women's Studies (WOMENST)

278: Sex/Gender- Nature/Nurture: Intersections of Biology and Society