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)
281A/LA: 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)
Any ENERGY 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.

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

Last Updated 9/21/15
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