

Courses from Related Spheres

Some may be acceptable for the major/concentration with approval of the advisor.
Some require approval of the individual instructor.

Courses noted with an asterisk * count for all majors.

Those without the asterisk may be acceptable with approval of the advisor based on the individual student's focus within the EBHS program.

These do not apply to the minor in E3B.

Keep in mind that new courses are added every term so review the "lists of relevant courses" emailed to EBHS students prior to early registration each term. Also, departments may keep courses on their "books" that are only taught intermittently or that haven't been taught in several years. Dept E3B has no control in this matter; we find out as you do if/when a course will be taught.

Course Codes:

UN--courses intended for undergraduates

GU--courses intended for undergraduates and graduate students

GR--courses intended for graduate students. Faculty *may* sometimes allow advanced undergraduates in these courses but instructor permission is always required.

1000 & 2000--general introductory, typically no prereqs

3,000 & 4,000--upper level, typically have some prereq depending on the discipline

6,000 and up--graduate level

ANTHROPOLOGY

Archaeology

UN1007 Origins of Human Society*

UN2028 Think Like an Archaeologist/Intro to 21st Century Archaeology*

UN2014 Archaeology and Africa*

UN2031 Corpse Life (formerly Death and the Body)*

UN3007 Archaeology Before the Bible*

UN3151 Living/Thinking/Doing with Animals

UN3223 Gender Archaeology*

UN3300 Precolumbian History of Native America

UN3663 The Ancient Table: Archaeology of Cooking*

UN3714 Zooarchaeology Method and Theory*

UN3823 Archaeology Engaged: Past in the Public Eye*

UN3993 World Archaeology*

GU4033 Historical Archaeology of the Modern World

GU4127 Archaeology of Contemporary Conflict*

GU4235 Mortuary Archaeology*

GU4345 Neandertal Alterities*

GU4346 Lab Techniques in Archeology*

GU4481 Science and Art in Archaeological Illustration*

GR6103 Method and Theory in Archeology/Analytic Methods in Archeology*

Socio-cultural Anthropology including Anthropological Linguistics

UN1002 The Interpretation of Culture*
UN1009 Introduction to Language and Culture
UN2004 Introduction to Social and Cultural Anthropology*
UN2005 Ethnographic Imagination*
UN 3040/3041 Anthropological Theory I & II* (one semester)
UN3160 Body and Society*
UN3663x The Ancient Table: Archaeology of Cooking and Cuisine.
UN3823 Archaeology Engaged: The Past in the Public Eye* (highly recommended)(seminar)
UN3829 Absent Bodies
UN3888 Ecocriticism for the End Times
UN3971 Environment and Cultural Behavior*
UN3976 Anthropology of Science
UN3977 Trauma
GU4022 Political Ecology
GU4470 Critical Perspectives-Human Animal Relations*
GU4011 Art and Archaeology of Mesopotamia

BIولوجY-BARNARD

BC1002 Global Health and Ecology
BC1500/1501 Intro to Organismal/Evolutionary Biology* (2 semesters)
BC2100 Molecular and Mendelian Genetics*
BC3250 Invertebrate Zoology (not taught in several years)
BC3252 Development*
BC2262 Vertebrate Biology*
BC2574 Lab in Human Anatomy*
BC2278 Evolution*
BC2801 Lab in Genetics*
BC3279 Applied Ecology and Evolution*
BC3280 Animal Behavior*
BC3360 Physiology*
BC3361 Lab in Physiology
BC3362 Molecular and Cellular Neuroscience
BC3372 Population and Community Ecology
BC3373 Laboratory in Ecology

BIولوجY-COLUMBIA

UN1015 Molecular Biology and Evolution for Nonscientists*
UN1130 Genes and Development
UN2005/2006 Introduction to Molecular and Cellular Biology I, II*
UN3002 Introduction to Animal Structure and Function*
UN3006 General Physiology*
UN3015 Neurogenetics
UN3031/3032 Genetics*
UN3033 Animal Physiology*
UN 3560 Evolution in the Age of Genomics*
UN3052 Project Lab in Molecular Genetics
UN3028 Introduction to Evolutionary Biology*

UN3201 Philosophy and History of Evolutionary Biology*
GU4001 Advanced Genetic Analysis
GU4205 Origins of Life*
GU4035 Seminar in Epigenetics*
GR6560 Human Evolutionary Genetics*

CENTER FOR THE STUDY OF ETHNICITY AND RACE

UN1012 History-Racialization in the US
UN3080 Indigenous Peoples-Environment
UN3906 Race in Scientific and Social Practice

CLASSICS--BARNARD

UN3101 Archaeology of Ancient Egypt and Nubia
UN3535 Identity and Society in Egypt

DANCE-BARNARD

BC2501 Biomechanics for the Dancer
BC2573 Applied Anatomy for Human Movement

EEEB

[This is separate from the courses listed in the primary EBHS "course blurbs" document

Note that many courses listed as GU here are intended for MA students or Undergraduates with some background in ecology/evolution—speak with the major advisor and/or instructor to find out if a specific course is appropriate. GR6000-levels courses are an outside possibility—speak with individual instructor

+Keep in mind that many of the courses taught by adjuncts are run intermittently

UN1001 Biodiversity* (summers only)
UN2001 Environmental Biology I Molecules to Cells*
UN2002 Environmental Biology II Organisms to Ecosystems*
UN3020 Intro to Stats in Ecology and Evolution*
GU3015 Animal Behavior through Fieldwork (summers only)*
UN3087 Conservation Biology*
GU4005 Conservation Policy+
GU4050 Program and Data Science Skills*
GU4055 Uses of Modern DNA Sequencing Techniques*
GU4065 Tropical Biology (Winter Break Course in Kenya—additional fees)
GU4086 Ethnobotany: The Study of People and Plants
GU4101 Tropical Field Ecology+
GU4126 Introduction to Conservation Genetics*
GU4127 Disease Ecology*
GU4128 Introduction to Conservation Genetics*+
GU4129 Zoo Conservation*
GU4134 Behavioral Ecology* (prereq animal behavior)

GU4195 Marine Conservation Ecology
GU4240 Animal Migration in Theory/Practice*+
GU4201 Ecology, Behavior and Conservation of Mammals* (seminar)
GU4200 Introduction to Mammalogy*
GU4250 Field Methods in Wildlife Monitoring*
GU4260 Food, Ecology and Globalization+(may not be taught again)
GU4645 Cultural and Biological Diversity*+
GU4650 Biodiversity and Ecosystem Processes+
GU4655 Biodiversity, Conservation, and Natural Resources/Conflict*
GU4789 Biogeography*+
GR6110 Fundamental of Evolution*

This is the MA & PhD intro course and as such is suitable only for advanced undergraduates who have a strong background in ecology and evolution.

Please speak with me first if you are interested in this course. The same holds for Fundamentals of Ecology GR6111

ECONOMICS-COLUMBIA

UN4652 Economics of the Environment
GU4438 Economics of Race in the US
BC3039 Environmental and Natural Resources Economics

EESC-EARTH AND ENVIRONMENTAL SCIENCES

UN1001 Dinosaurs and the History of Life with lab (particularly for paleo students)
UN1401 Dinosaurs and the History of Life: lectures only
UN1053 Planet Earth
UN1411 Earth: Origins, Evolution, Processes, Future
UN2100 Earth's Environmental Systems: The Climate System (**the three "system" courses only count in limited situations")
UN2200 Earth's Environmental Systems: The Solid Earth System
UN2300 Earth's Environmental Systems: The Life System
UN2330 Science for Sustainable Development
UN3327 Principles of Geomorphology (prereq intro earth science or permission)
UN3010 Field Geology
UN3700 Environmental Geochemistry and Health in NYC
[GU4001 Advanced General Geology—good physics background req; none in geology
GU4076 Geologic Mapping (course held in May)
GU4223 Sedimentary Geology -- two weekend field trips, intro geology or permission, for EESC and grad students from other disciplines
GU4330 Intro Terrestrial Paleoclimate
GU4887 Isotope Geology 1

EARTH AND ENVIRONMENTAL SCIENCES-BARNARD

BC3026 Bird, Plants, and Land use Dynamics

BC3335 Environmental Ethics

BC3040 Environmental Law

HISTORY--BARNARD

BC2402 Galileo/Darwin: Science and Society

BC3388 Introduction to the History of Science

BC3499 Environmental History of the US

HISTORY-COLUMBIA

UN2122 Scientific Revolution--Western Europe

UN2223 Nature and Power: Environmental History

UN2950 Social History of American Public Health

UN3437 Corporate Behavior and Public Health

UN3769 Health and Healing in Africa

UN3912 Domestic Animals and Human History (taught intermittently)

GU4437 Corporate Behavior and Public Health

GU4811 History, Environment and Health in S. Asian and Beyond

HUMAN RIGHTS--BARNARD

BC3850 Human Rights & Public Health

PHILOSOPHY-COLUMBIA

UN3248 Darwin* (thus far only taught once)

UN3201 Philosophy and History of Evolutionary Biology*

UN3551 Philosophy of Science

PHYSICS

UN1300 Physics of the Human Body*

POLITICAL SCIENCE-COLUMBIA

UN3140 Animal Rights: Theory/Practice

PSYCHOLOGY--BARNARD

BC1101 Statistics*

BC1114 Cognitive Psychology Lab

BC1119 Behavioral Neuroscience*

BC3164 Perception and Language

BC3179 Cephalopod Cognition

BC3390 Canine Cognition*

BC3369 Language Development

PSYCHOLOGY--COLUMBIA

UN1420 Experimental Psychology: Human Behavior
UN1610 Statistics for Behavioral Scientists*
UN2210 Cognition: Basic Process
UN2215 Cognition and the Brain
UN2240 Human Communication
UN2250 Evolution of Cognition*
UN2420 Animal Behavior*
UN2440 Language and the Brain
UN2450 Behavioral Neuroscience*
UN2480 The Developing Brain*
UN3210 Language and Cognition Seminar
UN3240 Seminar in Language and Communication
UN3420 Animal Cognition Seminar
UN3440 Issues in Brain and Behavior
UN3450 Evolution of Intelligence and Consciousness*
UN3460 Evolution of Behavior*
UN3475 Psychology and Neuropsychology of Language
GU4250 Evolution-Intelligence, Consciousness, Language
GU4272 Advanced Seminar in Language Development
GU4232 Production and Perception of Language
UN3496 Neuroscience and Society
GU4498 Behavioral Epigenetics*

PUBLIC HEALTH

P6103 Introduction to Biostatistics (permission required for undergraduates)*
UN2950 Social History of American Public Health
UN3100 Fundamentals of Global Health*

SCIENCE AND PUBLIC POLICY-BARNARD

BC3333 Genetics, Biodiversity & Society*

SOCIOLOGY—COLUMBIA

BC3933 Sociology of the Body

STATISTICS

UN1001 Into to Statistical Reasoning*
UN1111 Intro to Statistics*
UN1211 Intro to Statistics (after one term of calc)*

URBAN STUDIES-BARNARD

UN2200 Introduction to GIS Methods*
UN3200 GIS Methods & Case Studies

ADDITIONAL COURSES—not in alphabetical order

6 points total of either chem., bio (other than EB1/EB2), physics, calc allowed for the EBHS major—can be any combination of these—no labs. 3 points total for the concentration.

Chemistry

UN1403-1404 G-chem*

UN2407 Intensive G-chem*

Mathematics

UN1101 Calc IA*

UN1102 Calc IIA*

Physics (for those focusing on biomechanical aspects of morphology)

UN1001-1002 Physics for Poets*

UN1201-1202 General Physics*

Study Abroad and Field Work Courses (Academic Year and Summers)

Speak with the Office of Global Programs and with Major Advisor

EBHS students have studied thus far in South Africa, Kenya, Ecuador, Great Britain, New Zealand, Australia, France & Germany.

A few examples:

SIT Field Schools,

SFS Field Schools, University College London--Biological Anthropology Section

University of Durham—Evolutionary Anthropology Research Group & Bioarchaeology

University of Bournemouth—Forensic Archaeology

University of Reading—Bioarchaeology

Cambridge University—Evolutionary Anthropology