

Effective for spring
2017 and before

HE List of Other Courses Approved to meet Natural Science Distribution Requirement

This list does not include all cross-listings. Students may petition to use cross-listed courses or to apply advanced level courses to this requirement.

Courses with * are recommended for Human Development majors

Animal Science (ANSC)

1100 Domestic Animal Biology I

Anthropology (ANTHR)

1300 Human Evolution: Genes, Behavior, and the Fossil Record*

3390 Primate Behavior and Ecology*

4263 Zooarchaeological Method

4264 Zooarchaeological Interpretation

Astronomy (ASTRO)

1101 From New Worlds to Black Holes (no lab)

1102 Our Solar System (no lab)

1103 From New Worlds to Black Holes (with lab)

1104 Our Solar System (with lab)

1105 The Universe

1106 Relativity, Cosmology, and Black Holes

1195 Observational Astronomy

2201 The History of the Universe

2202 A Spacecraft Tour of the Solar System

2280 Space Exploration

Biological Sciences

HE approved laboratory courses plus the following:

BIOEE 2070 Evolution*

BIOMG 1290 Personal Genomics and Medicine

BIONB 1110 Brain, Mind and Behavior*

PLBIO 1120 Issues in Social Biology: from Diet to Diseases, DNS to Deforestation*

PLBIO 2210 Natural Remedies in Ethnohealth*

PLBIO 2300 Global Plant Biodiversity and Vegetation

PLBIO 2400 Green World/Blue Planet*

PLBIO 2410 Intro Plant Biodiversity and Evolution

PLBIO 2470 Plants and People

PLBIO 2490 Hollywood Biology: Science in Cinema

Chemistry and Chemical Biology (CHEM)

HE approved laboratory courses plus the following:

1150 Language of Chemistry*

Earth and Atmospheric Sciences (EAS)

1101 Earth Science in the 21st Century

1108 Earth in the News

1150 Severe Weather Phenomena

1220 Earthquake!

1310 Basic Principles of Meteorology

1540 Introductory Oceanography

2200 The Earth System

2680 Climate and Global Warming

Introduction to Engineering Courses (ENGRI)

1100 Lasers and Photonics

1110 Nanotechnology

1120 Introduction to Chemical Engineering

1130 Sustainable Development for Appledore Island

1160 Modern Structures

1170 Introduction to Mechanical Engineering

1190 Biological Materials for the Skeletal System

1200 Introduction to Nanoscience and Nanoengineering

1310 Introduction to Biomedical Engineering

Entomology (ENTOM)

2010 Alien Empire: Bizarre Biology of Bugs (2 cr.)

2011 Alien Empire: Bizarre Biology of Bugs (3 cr.)

2100 Plagues and People (3 cr.)*

2660 Biology of the Honey Bee

Fiber Science and Apparel Design (FSAD)

1350 Fibers, Fabrics, and Finishes

1360 Fiber and Yarn Analysis Laboratory

Food Science (FDSC)

1500 Food Choices and Issues

Horticulture (PLHRT)

1101 Horticultural Science and Systems

Materials Science and Engineering (MSE)

1140 Materials: The Future of Energy

Natural Resources (NTRES)

2010 Environmental Conservation*

Nutritional Sciences (NS)

1150 Nutrition and Health*

1220 Nutrition and the Life Cycle*

Physics (PHYS)

HE approved laboratory courses plus the following:

1201 Why the Sky is Blue

1202 How Physics Works

1203 Physics of the Heavens and Earth

1204 Physics of Musical Sound

Plant Breeding (PLBRG)

2010 Plants, Genes and Global Food Production

Plant Pathology (PLPPM)

2010 Magical Mushrooms, Mischievous Molds (2 cr.)

2013 Mushrooms, Molds, and More (3 cr.)

2015 Mushrooms, Molds, and Molecules

3190 Mushrooms of Field and Forest

Psychology (PSYCH)

1110 Brain, Mind, and Behavior*

2230 Introduction to Biopsychology*

3260 Evolution of Human Behavior*

3960 Introduction to Sensory Systems*

Soil & Crop Sciences (PLSCS)

1120 Microbes, the Earth and Everything*

1900 Sustainable Agriculture: Food, Farming, and the

Future*

2600 Soil Science

3150 Weed Biology and Management

4140 Tropical Cropping Systems: Biodiversity, Social and

Environmental Impacts