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

(Note: 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)

<table>
<thead>
<tr>
<th>Area</th>
<th>Courses</th>
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<tbody>
<tr>
<td><strong>Animal Science (ANSC)</strong></td>
<td>1100 Domestic Animal Biology I</td>
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</table>
| **Anthropology (ANTHR)**                  | 1300 Human Evolution: Genes, Behavior, and the Fossil Record*  
3390 Primate Behavior and Ecology*  
4263 Zooarchaeological Method  
4264 Zooarchaeological Interpretation |** **Earth and Atmospheric Sciences (EAS)  
1101 Introductory Geological Sciences  
1108 Earth in the News  
1150 Severe Weather Phenomena  
1220 Earthquake!  
1310 Basic Principles of Meteorology  
1540 Introductory Oceanography  
1700 Evolution of the Earth and Life  
2200 The Earth System  
2680 Climate and Global Warming |
| **Astronomy (ASTRO)**                     | 1101 The Nature of the Universe (no lab)  
1102 Our Solar System (no lab)  
1103 The Nature of the Universe (with lab)  
1104 Our Solar System (with lab)  
1105 An Introduction to the Universe  
1106 Essential Ideas in Relativity and Cosmology  
1195 Observational Astronomy  
2201 Our Home in the Universe  
2202 Our Home in the Solar System  
2280 Space Exploration |** **Introduction to Engineering Courses (ENGRI)**  
1100 Lasers and Photonics  
1110 Nanotechnology  
1120 Introduction to Chemical Engineering  
1130 Sustainable Development for Appledore Island  
1131 Water Treatment Design  
1160 Modern Structures  
1170 Introduction to Mechanical Engineering  
1190 Biological Materials for the Skeletal System  
1200 Introduction to Nanoscience and Nanoengineering  
1260 Introduction to Signals and Telecommunications  
1310 Introduction to Biomedical Engineering |
| **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 Introductory Botany  
PLBIO 2470 Plants and People  
PLBIO 2490 Hollywood Biology: Science in Cinema |** **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 |
| **Chemical and Chemical Biology (CHEM)**   | HE approved laboratory courses plus the following:  
1150 Language of Chemistry* |** **Fiber Science and Apparel Design (FSAD)**  
1350 Fibers, Fabrics, and Finishes  
1360 Fiber and Yarn Analysis Laboratory |
| **Crop and Soil 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 |** **Horticulture (PLHRT)**  
1101 Horticultural Science and Systems |
| **Design and Environmental Analysis (DEA)**| 4520 Anatomy for Ergonomic Design |
| **Earth and Atmospheric Sciences (EAS)**   | 1101 Introductory Geological Sciences  
1108 Earth in the News  
1150 Severe Weather Phenomena  
1220 Earthquake!  
1310 Basic Principles of Meteorology  
1540 Introductory Oceanography  
1700 Evolution of the Earth and Life  
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2680 Climate and Global Warming |
| **Introduction to Engineering Courses (ENGRI)** | 1100 Lasers and Photonics  
1110 Nanotechnology  
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1190 Biological Materials for the Skeletal System  
1200 Introduction to Nanoscience and Nanoengineering  
1260 Introduction to Signals and Telecommunications  
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| **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 |
| **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*