## Master List of Biological Science Breadth 2016-2017

(fall 2016, spring 2017 summer 2017)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Course #</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHRO</td>
<td>1</td>
<td>Introduction to Biological Anthropology</td>
</tr>
<tr>
<td>ANTHRO</td>
<td>105</td>
<td>Primate Evolution</td>
</tr>
<tr>
<td>ANTHRO</td>
<td>106</td>
<td>Primate Behavior</td>
</tr>
<tr>
<td>ANTHRO</td>
<td>107</td>
<td>Evolution of the Human Brain</td>
</tr>
<tr>
<td>ANTHRO</td>
<td>112</td>
<td>Special Topics in Biological Anthropology</td>
</tr>
<tr>
<td>ANTHRO</td>
<td>C 129 D</td>
<td>Holocene Paleoecology: How Humans Changed the Earth</td>
</tr>
<tr>
<td>ANTHRO</td>
<td>135</td>
<td>Paleoethnobotany: Archaeological Methods and Laboratory Techniques</td>
</tr>
<tr>
<td>ASTRON</td>
<td>C 13</td>
<td>Origins: from the Big Bang to the Emergence of Humans</td>
</tr>
<tr>
<td>BIOLOGY</td>
<td>1 A</td>
<td>General Biology Lecture</td>
</tr>
<tr>
<td>BIOLOGY</td>
<td>1 B</td>
<td>General Biology Lecture and Laboratory</td>
</tr>
<tr>
<td>CHEM</td>
<td>C 110 L</td>
<td>General Biochemistry and Molecular Biology Laboratory</td>
</tr>
<tr>
<td>CHEM</td>
<td>C 130</td>
<td>Biophysical Chemistry: Physical Principles and the Molecules of Life</td>
</tr>
<tr>
<td>CIVENG</td>
<td>113</td>
<td>Ecological Engineering for Water Quality Improvement</td>
</tr>
<tr>
<td>COGSCI</td>
<td>C 102</td>
<td>Scientific Approaches to Consciousness</td>
</tr>
<tr>
<td>COGSCI</td>
<td>C 126</td>
<td>Perception</td>
</tr>
<tr>
<td>COGSCI</td>
<td>C 127</td>
<td>Cognitive Neuroscience</td>
</tr>
<tr>
<td>COGSCI</td>
<td>C 147</td>
<td>Language Disorders</td>
</tr>
<tr>
<td>ENGLISH</td>
<td>C 77</td>
<td>Introduction to Environmental Studies</td>
</tr>
<tr>
<td>ENVSCI</td>
<td>10</td>
<td>Introduction to Environmental Sciences</td>
</tr>
<tr>
<td>EPS</td>
<td>C 82</td>
<td>Oceans</td>
</tr>
<tr>
<td>EPS</td>
<td>N 82</td>
<td>Introduction to Oceans</td>
</tr>
<tr>
<td>EPS</td>
<td>C 129</td>
<td>Biometeorology</td>
</tr>
<tr>
<td>ESPM</td>
<td>2</td>
<td>The Biosphere</td>
</tr>
<tr>
<td>ESPM</td>
<td>6</td>
<td>Environmental Biology</td>
</tr>
<tr>
<td>ESPM</td>
<td>C 10</td>
<td>Environmental Issues</td>
</tr>
<tr>
<td>ESPM</td>
<td>C 11</td>
<td>Americans and the Global Forest</td>
</tr>
<tr>
<td>ESPM</td>
<td>C 12</td>
<td>Introduction to Environmental Studies</td>
</tr>
<tr>
<td>ESPM</td>
<td>15</td>
<td>Introduction to Environmental Sciences</td>
</tr>
<tr>
<td>ESPM</td>
<td>40</td>
<td>Insects and Human Society</td>
</tr>
<tr>
<td>ESPM</td>
<td>C 46</td>
<td>Climate Change and the Future of California</td>
</tr>
<tr>
<td>ESPM</td>
<td>100</td>
<td>Environmental Problem Solving</td>
</tr>
<tr>
<td>ESPM</td>
<td>105 A</td>
<td>Sierra Nevada Ecology</td>
</tr>
<tr>
<td>ESPM</td>
<td>106</td>
<td>American Wildlife: Identification and Conservation</td>
</tr>
<tr>
<td>ESPM</td>
<td>108 A</td>
<td>Trees: Taxonomy, Growth, and Structures</td>
</tr>
<tr>
<td>ESPM</td>
<td>108 B</td>
<td>Environmental Change Genetics</td>
</tr>
<tr>
<td>ESPM</td>
<td>114</td>
<td>Wildlife Ecology</td>
</tr>
<tr>
<td>ESPM</td>
<td>117</td>
<td>Urban Garden Ecosystems</td>
</tr>
<tr>
<td>ESPM</td>
<td>118</td>
<td>Agricultural Ecology</td>
</tr>
<tr>
<td>ESPM</td>
<td>C 129</td>
<td>Biometeorology</td>
</tr>
<tr>
<td>ESPM</td>
<td>131</td>
<td>Soil Microbial Ecology</td>
</tr>
<tr>
<td>ESPM</td>
<td>C 167</td>
<td>Environmental Health and Development</td>
</tr>
<tr>
<td>Code</td>
<td>Course Number</td>
<td>Title</td>
</tr>
<tr>
<td>----------</td>
<td>---------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>ESPM</td>
<td>181</td>
<td>A Fire Ecology</td>
</tr>
<tr>
<td>ESPM</td>
<td>186</td>
<td>Management and Conservation of Rangeland Ecosystems</td>
</tr>
<tr>
<td>GEOG</td>
<td>C 80</td>
<td>Oceans</td>
</tr>
<tr>
<td>GEOG</td>
<td>148</td>
<td>Biogeography</td>
</tr>
<tr>
<td>INTEGBI</td>
<td>C 13</td>
<td>Origins: from the Big Bang to the Emergence of Humans</td>
</tr>
<tr>
<td>INTEGBI</td>
<td>31</td>
<td>The Ecology and Evolution of Animal Behavior</td>
</tr>
<tr>
<td>INTEGBI</td>
<td>C 32</td>
<td>Bioinspired Design</td>
</tr>
<tr>
<td>INTEGBI</td>
<td>35</td>
<td>AC Human Biological Variation</td>
</tr>
<tr>
<td>INTEGBI</td>
<td>C 82</td>
<td>Oceans</td>
</tr>
<tr>
<td>INTEGBI</td>
<td>131</td>
<td>General Human Anatomy</td>
</tr>
<tr>
<td>INTEGBI</td>
<td>C 143 A</td>
<td>Biological Clocks: Physiology and Behavior</td>
</tr>
<tr>
<td>INTEGBI</td>
<td>C 143 B</td>
<td>Hormones and Behavior</td>
</tr>
<tr>
<td>INTEGBI</td>
<td>155</td>
<td>Holocene Paleoecology: How Humans Changed the Earth</td>
</tr>
<tr>
<td>LDARCH</td>
<td>12</td>
<td>Environmental Science for Sustainable Development</td>
</tr>
<tr>
<td>LDARCH</td>
<td>110</td>
<td>Ecological Analysis</td>
</tr>
<tr>
<td>LINGUIS</td>
<td>C 147</td>
<td>Language Disorders</td>
</tr>
<tr>
<td>LS</td>
<td>C 30 T</td>
<td>Drugs and the Brain</td>
</tr>
<tr>
<td>LS</td>
<td>C 30 U</td>
<td>Americans and the Global Forest</td>
</tr>
<tr>
<td>LS</td>
<td>C 30 V</td>
<td>Environmental Issues</td>
</tr>
<tr>
<td>LS</td>
<td>C 30 X</td>
<td>Big Ideas in Cell Biology</td>
</tr>
<tr>
<td>LS</td>
<td>C 30 Y</td>
<td>Biology for Voters</td>
</tr>
<tr>
<td>LS</td>
<td>C 30 Z</td>
<td>Bioinspired Design</td>
</tr>
<tr>
<td>LS</td>
<td>C 46</td>
<td>Climate Change and the Future of California</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>C 31</td>
<td>Big Ideas in Cell Biology</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>W 32</td>
<td>Introductory Human Physiology</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>32</td>
<td>Introduction to Human Physiology</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>41</td>
<td>Genetics and Society</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>C 44</td>
<td>Biology for Voters</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>50</td>
<td>The Immune System and Disease</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>55</td>
<td>Plagues and Pandemics</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>C 61</td>
<td>Brain, Mind, and Behavior</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>W 61</td>
<td>Brain, Mind, and Behavior</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>C 62</td>
<td>Drugs and the Brain</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>63</td>
<td>Introduction to Functional Neuroanatomy</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>C 64</td>
<td>Exploring the Brain: Introduction to Neuroscience</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>C 64</td>
<td>Exploring the Brain: Introduction to Neuroscience</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>C 100 A</td>
<td>Biophysical Chemistry: Physical Principles and the Molecules of Life</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>102</td>
<td>Survey of the Principles of Biochemistry and Molecular Biology</td>
</tr>
<tr>
<td>MCELLBI</td>
<td>C 110 L</td>
<td>General Biochemistry and Molecular Biology Laboratory</td>
</tr>
<tr>
<td>NUSCTX</td>
<td>10</td>
<td>Introduction to Human Nutrition</td>
</tr>
<tr>
<td>NUSCTX</td>
<td>11</td>
<td>Introduction to Toxicology</td>
</tr>
<tr>
<td>Course Code</td>
<td>Section</td>
<td>Course Title</td>
</tr>
<tr>
<td>-------------</td>
<td>---------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>PBHLTH</td>
<td>C 160</td>
<td>Environmental Health and Development</td>
</tr>
<tr>
<td>PBHLTH</td>
<td>162 A</td>
<td>Public Health Microbiology</td>
</tr>
<tr>
<td>PBHLTH</td>
<td>170 B</td>
<td>Toxicology</td>
</tr>
<tr>
<td>PHYSED</td>
<td>32</td>
<td>Fitness for Life: Physical Adaptations to Exercise</td>
</tr>
<tr>
<td>PHYSICS</td>
<td>177</td>
<td>Principles of Molecular Biophysics</td>
</tr>
<tr>
<td>PLANTBI</td>
<td>11</td>
<td>Fungi, History, and Society</td>
</tr>
<tr>
<td>PLANTBI</td>
<td>40</td>
<td>The (Secret) Life of Plants</td>
</tr>
<tr>
<td>PSYCH</td>
<td>C 19</td>
<td>Drugs and the Brain</td>
</tr>
<tr>
<td>PSYCH</td>
<td>C 61</td>
<td>Brain, Mind, and Behavior</td>
</tr>
<tr>
<td>PSYCH</td>
<td>C 64</td>
<td>Exploring the Brain: Introduction to Neuroscience</td>
</tr>
<tr>
<td>PSYCH</td>
<td>N 110</td>
<td>Introduction to Biological Psychology</td>
</tr>
<tr>
<td>PSYCH</td>
<td>110</td>
<td>Introduction to Biological Psychology</td>
</tr>
<tr>
<td>PSYCH</td>
<td>C 113</td>
<td>Biological Clocks: Physiology and Behavior</td>
</tr>
<tr>
<td>PSYCH</td>
<td>114</td>
<td>Biology of Learning and Neural Plasticity</td>
</tr>
<tr>
<td>PSYCH</td>
<td>C 116</td>
<td>Hormones and Behavior</td>
</tr>
<tr>
<td>PSYCH</td>
<td>N 117</td>
<td>Human Neuropsychology</td>
</tr>
<tr>
<td>PSYCH</td>
<td>117</td>
<td>Human Neuropsychology</td>
</tr>
<tr>
<td>PSYCH</td>
<td>118</td>
<td>Topical Seminar in Biological Psychology</td>
</tr>
<tr>
<td>PSYCH</td>
<td>121</td>
<td>Animal Cognition</td>
</tr>
<tr>
<td>PSYCH</td>
<td>N 122</td>
<td>Introduction to Human Learning and Memory</td>
</tr>
<tr>
<td>PSYCH</td>
<td>122</td>
<td>Introduction to Human Learning and Memory</td>
</tr>
<tr>
<td>PSYCH</td>
<td>125</td>
<td>The Developing Brain</td>
</tr>
<tr>
<td>PSYCH</td>
<td>C 126</td>
<td>Perception</td>
</tr>
<tr>
<td>PSYCH</td>
<td>C 127</td>
<td>Cognitive Neuroscience</td>
</tr>
<tr>
<td>PSYCH</td>
<td>C 129</td>
<td>Scientific Approaches to Consciousness</td>
</tr>
<tr>
<td>PSYCH</td>
<td>N 133</td>
<td>Psychology of Sleep</td>
</tr>
<tr>
<td>PSYCH</td>
<td>133</td>
<td>Psychology of Sleep</td>
</tr>
</tbody>
</table>