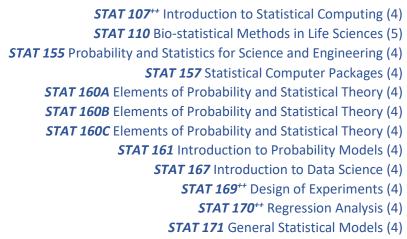
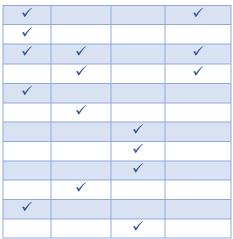
<b>Tentative</b> ** <b>Biology Related Area Coursework</b> f 36 Upper Division Units have been completed, additional Upper Division Units	Fall	Winter	Spring	Summer
completed will count towards Related Area Unit requirement)				
***ANTH 146 Primate Social Behavior (4)				
<b>ANTH 152</b> Evolution of the First Hominids (4)	✓			
<b>ANTH 153</b> Evolution of the Genus Homo (4)			$\checkmark$	
ANTH 155 Human Osteology (6)	~			
<b>BCH 015</b> Introductory Biochemistry Laboratory (3)	$\checkmark$	✓		
<b>BCH 110A (If not applied to Upper Division)</b> General Biochemistry (4)	✓	✓		
<b>BCH 110C</b> General Biochemistry (4)			✓	
<b>BCH 120</b> Topics in Human Biochemistry (4)			✓	
<b>BCH 162</b> Advanced Biochemistry Laboratory (5)		✓	✓	
<b>BCH 183</b> Plant Biochemistry and Pharmacology of Plant Metabolites (4)	✓			
<b>BCH 184</b> Topics in Physical Biochemistry (4)		$\checkmark$		
<b>BIOL 194, 197, 199 (9 units max)</b> Biology Research	✓	✓	√	✓
BPSC 109 Epigenetics (4)		√		
<b>***BPSC133</b> Plant Diversity and Evolution (5)				
***BPSC 134 Social Conditions and Plant Growth (4)				
<b>BPSC 135</b> Plant Cell Biology (4)		✓		
<b>BPSC 146</b> Plant Ecology (4)	$\checkmark$		✓	
<b>BPSC 149</b> Nanobiotechnology (2)		✓		
<b>BPSC 150</b> Genes, Selection and Populations (4)			✓	
***BPSC 185 Molecular Evolution (4)				
<b>CBNS 116</b> Human Neuroanatomy: Structure-Function Relationships (4)			✓	$\checkmark$
<b>CBNS/PSYC 120</b> Cellular Neuroscience: Membrane & Synaptic Phenomena (4)		✓		✓
<b>CBNS/PSYC 120L</b> Neuroscience Laboratory (2)		✓	✓	$\checkmark$
<b>CBNS/PSYC 121</b> Developmental Neuroscience (4)	✓			✓
<b>CBNS/PSYC 124</b> Systems Neuroscience (4)	$\checkmark$		✓	$\checkmark$
<b>CBNS/PSYC 125</b> Neuropharmacology (4)			✓	✓
<b>CBNS/PSYC 126</b> Neuroscience of Learning and Memory (4)	$\checkmark$			✓
<b>CBNS/PSYC 127</b> Behavioral Control Systems (4)			✓	
<b>*CBNS 133</b> Scientific Writing for Cell, Molecular & Developmental Biologists (4)				
CHEM 5* Quantitative Analysis (5)		✓		✓
<b>CHEM 109</b> Survey of Physical Chemistry (4)	$\checkmark$			√
<b>CHEM 110A</b> Physical Chemistry: Chemical Thermodynamics (4)				
<b>CHEM 110B</b> Physical Chemistry: Introduction to Statistical Mechanics &		✓		
Kinetics (4)				
<b>CHEM 111</b> Physical Chemistry Laboratory (4)		✓		
		•	✓	
<b>CHEM 113</b> Physical Chemistry: Introduction to Quantum Chemistry (4)	✓		v	
<b>CHEM 125</b> Instrumental Methods (3 or 5)	•	✓		
<b>CHEM 143</b> Chemical Biology (3)		▼ ▼	✓	√
<b>CS 10A</b> ** Introduction to Computer Science for Science, Mathematics, and Engineering I (4)	V	v	v	•
CS 10B** Introduction to Computer Science for Science, Mathematics, & Engineering II (4)	√	<b>√</b>	✓	✓
<b>CS 10C*</b> <sup>+</sup> Introduction to Data Structures and Algorithms (4)	✓	✓	✓	✓
<b>CS 61*</b> Machine Organization and Assembly Language Programming (4)	$\checkmark$	✓	✓	✓
<b>ENTM 106</b> Insect Evolution (3)			✓	
<b>ENTM 100</b> Insect Evolution (3)				

ENTM 107 Insect Biodiversity (4)

***ENTM 108 Biology of Insects				
<b>ENTM 109</b> Field Entomology (4)			✓	
ENTM 114 Aquatic Insects (4)			$\checkmark$	
<b>ENTM 126</b> Medical and Veterinary Entomology (4)		$\checkmark$		
ENTM 130 Invasion Ecology (4)		$\checkmark$		
ENTM 133 Urban Entomology (4)			$\checkmark$	
ENTM/MCBL 139 The Evolution of Conflict and Cooperation: Cheaters and	✓			
Altruists <b>(4)</b>				
<b>ENVE 121</b> Biological Unit Processes (4)			$\checkmark$	
<b>ENSC 100</b> Introduction to Soil Science (4)	✓			
ENSC/NEM 120 Soil Ecology (3)			~	
ENSC/MCBL 133 Environmental Microbiology (4)		$\checkmark$		
***ENSC/BPSC 134 Soil Conditions and Plant Growth (4)				
<b>ENTX 101</b> Fundamental Toxicology (4)		$\checkmark$		
ENTX 154 Risk Assessment (4)			$\checkmark$	
GEO 151 Principles of Paleontology (4)	$\checkmark$			
*** <b>GEO</b> 160 Global Climate Change (4)				
GEO 167 Conservation Biogeography (4)	$\checkmark$			
GEO 169 California Vegetation (4)		$\checkmark$		
MATH 9C* First-Year Calculus (4)	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
MATH 10A* Calculus of Several Variables (4)	✓	$\checkmark$	$\checkmark$	$\checkmark$
MATH 10B* Calculus of Several Variables (4)	<ul> <li>✓</li> </ul>	$\checkmark$	$\checkmark$	$\checkmark$
<b>MATH 46*</b> Introduction to Ordinary Differential Equations (4)	✓	$\checkmark$	$\checkmark$	$\checkmark$
MATH 149A Probability and Mathematical Statistics (4)	<ul> <li>✓</li> </ul>			
MATH 149B Probability and Mathematical Statistics (4)		$\checkmark$		
MATH 149C Probability and Mathematical Statistics (4)			$\checkmark$	
<b>MCBL 125</b> Experimental Microbiology (4)			$\checkmark$	
<i>MCBL 126</i> Microbiomes (3)			$\checkmark$	
MCBL 128 Field Mycology: Ecology, Evolution and Diversity of Fungi (4)		$\checkmark$		
<b>MCBL 129</b> Host Responses to Viral Pathogens (4)			$\checkmark$	
<b>MCBL/ENSC 133</b> Environmental Microbiology (4)		$\checkmark$		
MCBL/ENTM 139 The Evolution of Conflict and Cooperation: Cheaters and	✓			
Altruists <b>(4)</b>				
<b>NEM/ENSC 120</b> Soil Ecology (3)			✓	
<b>PHYS 117</b> Advanced Mathematical Methods of Physics (4)	✓			
PHYS 130A Classical Mechanics (4)	✓			
PHYS 130B Classical Mechanics (4)		✓		
PHYS 132 Thermodynamics (5)			$\checkmark$	
<b>PHYS 139L</b> Electronics for Scientists (5)	✓		✓	
PHYS 145A Biophysics (4)	<ul> <li>✓</li> </ul>		$\checkmark$	
PHYS 145B Biophysics (4)	✓			
*** <b>PHYS 145C</b> Biophysics (4)				
<b>PHYS 163</b> Atomic Physics and Spectroscopy (4)			✓	
***PHYS 168 Environmental Physics (4)				
<b>PHYS 177</b> Computational Methods for Physical Sciences (4)			✓	
PSYC 112 Neural Mechanisms of Animal Behavior (4)	~	$\checkmark$		
<b>STAT 011</b> <sup>++</sup> Introduction to Statistics (if not being used to fulfill the Upper Division Statistics	~	$\checkmark$	$\checkmark$	$\checkmark$
Requirement) (5)				





+Courses were formerly CS10, CS12 and CS14 respectively

++Courses were formerly STAT100B, STAT147, STAT170B, and STAT170A respectively

\*A lower division transfer course with a minimum grade of "C" will satisfy the same number of units in the related area as the equivalent UCR course. \*\*Schedule subject to change.

\*\*\* Please check UCR Schedule of Classes for course availability