

Science: Biology- Self Review of Courses

Name: _____ Student ID: _____

Please list the Dance subtests you have passed (Subtests 1-2): _____

The domains corresponding to the CSETS which have already been passed will not be evaluated.)

<u>Domains</u>	<u>Description</u>	<u>Courses that Meet the Domain</u>
Subject matter (CSET Subtest #)	Domains of subject matter requirement.	<ul style="list-style-type: none"> • Course Name (e.g. ENG 412) • College/University • For non CSUDH courses include link to catalog page from the catalog that matches the year you took the course. • If you can't link the exact page, link to the whole catalog and cut and paste course descriptions at the end of this worksheet.
General Science Domain 1. Scientific Practices, Engineering Design and Applications, and Crosscutting Concepts (CSET Subtest 1)	Understand scientific practices Understand engineering practices, design, and applications Understand crosscutting concepts among the sciences and engineering	
General Science Domain 2. Physical Sciences:	Understand structure and properties of matter Understand chemical reactions and biochemistry Understand motion and stability: forces and interactions Understand waves and their applications in technologies for information transfer Understand energy	

(CSET Subtest 1)	Understand electricity and magnetism	
General Science Domain 3. Life Sciences: (CSET Subtest 1)	Understand the structure and function of cells Understand growth, development, and energy flow in organisms Understand ecosystems: interactions, energy, and dynamics Understand heredity: inheritance and variation of traits Understand biological evolution: unity and diversity	
General Science Domain 4. Earth and Space Sciences (CSET Subtest 1)	Understand Earth's place in the universe Understand Earth's materials and systems and surface processes Understand plate tectonics and large scale system interactions Understand weather and climate Understand natural resources and natural hazards	
Domain 1. From Molecules to Organisms: Structures and Processes (CSET Subtest 2)	Understand the structure and function of cells Understand the hierarchical organization and functioning of systems in multicellular organisms Understand growth and development of organisms Understand matter and energy flow in organisms	
Domain 2. Ecosystems: Interactions, Energy, and Dynamics (CSET Subtest 2)	Understand interdependent relationships in ecosystems Understand cycles of matter and energy transfer in ecosystems Understand ecosystem dynamics, functioning, and resilience	

<p>Domain 3. Hereditary: Inheritance and Variation of Traits</p> <p>(CSET Subtest 2)</p>	<p>Understand inheritance of traits Understand variation of traits and genetic engineering</p>	
<p>Domain 4. Biological Evolution: Unity and Diversity</p> <p>(CSET Subtest 2)</p>	<p>Understand evidence of common ancestry and diversity Understand natural selection Understand adaptation.</p>	

Course Descriptions: Please provide a course description for each of the classes. For non-CSUDH courses, please include the link to catalog page from the catalog that matches the year you took the course. If you can't link the exact page, link to the whole catalog and cut and paste course descriptions at the end of this worksheet.

