

Science - Earth and Space Sciences — Self Review of Courses

Name: _____ Student ID: _____

Please list the Sciences - Earth and Space Science CSET 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 (Subtest I)	Understand scientific practices Understand engineering practices, design, and applications Understand crosscutting concepts among the sciences and engineering	
General Science Domain 2: Physical Sciences (Subtest I)	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 Understand electricity and magnetism	
General Science	Understand the structure and function of cells Understand growth, development, and energy flow in organisms	

Domain 3: Life Sciences (Subtest I)	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 (Subtest I)	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: Earth’s Place in the Universe (Subtest II)	Understand the universe and its stars Understand Earth and the solar system Understand the history of planet Earth	
Domain 2: Earth’s Systems (Subtest II)	Understand Earth’s materials and systems Understand plate tectonics and large-scale systems Understand oceanography and the role of water in Earth’s surface processes Understand the atmosphere, weather, and climate	
Domain 3: Earth and Human Activity (Subtest II)	Understand natural resources Understand natural hazards Understand human impacts on Earth’s systems Understand global climate change	

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.

