



# Course Competency Report by Code

Code: BSC2

## Interdisciplinary Geosciences Science Theories and Concepts (BSC2)

Course of Study: SGC4 - Interdisciplinary Geosciences Science  
Course Level: Graduate  
Course Division: First Year Master's  
Discipline: General Natural Science  
Course Type:  
Department: Science

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
205.2.1	Earth Systems Structure and Function	The graduate understands the structure and function of Earth systems, including the closely coupled subsystems: geosphere, hydrosphere, atmosphere, and biosphere.
205.2.2	Earth Systems Equilibrium	The graduate understands the Earth's history and that the Earth exists in a state of dynamic equilibrium that evolves over geologic time.
205.2.3	Solar System	The graduate understands the components and properties of the solar system, and understands that the major components are in a state of regular and predictable motion.
205.2.4	The Universe	The graduate understands the composition, history, and properties of the earth and the universe, and the scale of the universe in space and time.
205.2.5	Oceanographic Concepts	The graduate has a deep understanding of the following oceanographic concepts: global plate tectonics, the origin of the oceans, air/sea interactions, and human interactions with the oceans.