



Course Competency Report by Code

Code: C108

Elementary Science Methods (C108)

Course of Study: C108 - Elementary Science Methods
 Course Level: Undergraduate
 Course Division: Senior
 Discipline: Education
 Course Type: Two Assessments
 Department: Education

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
671.1.1	Processes of Science	The graduate integrates appropriate science concepts, skills, and processes in the development of science education for elementary students.
671.1.2	Inquiry	The graduate integrates effective instructional approaches to support science inquiry in the development of science education for elementary students.
671.1.3	Science Learning Environment	The graduate integrates developmentally appropriate strategies and approaches that support science literacy into the planning of science learning environments.
671.1.4	Instructional Strategies in Elementary Science Education	The graduate plans science instruction that supports the development of scientific knowledge, inquiry, and reasoning in elementary students.
671.1.5	Science for Students with Diverse Learning Needs	The graduate plans instruction in science education that provides equitable opportunities for all children.
671.1.6	Assessment in Elementary Science Education	The graduate evaluates assessment information to inform instructional decision making and support science education for all students.
671.1.7	Science and Technology	The graduate selects appropriate technology tools that support science instruction and learning for elementary students.
671.1.8	Science Standards, Goals, and Outcomes	The graduate evaluates the alignment of science standards, learning outcomes, benchmarks, and objectives in the development of science education for elementary students.
671.1.9	Integrating Curriculum	The graduate creates interdisciplinary learning experiences that effectively incorporate the concepts and modes of scientific inquiry.
671.1.10	Science and Community	The graduate uses a variety of strategies to extend science learning and exploration beyond the classroom.