

Life Science 8-12 Certificate Correlation Chart

Educator Preparation Program

Please indicate where in the curriculum your program addresses the relevant standards, domains, and competencies for the identified certification area. <i>TAC§228.30 (a)</i>	Identify Courses, Modules, and/or Training													
	Place course, module training													
Standard I: The science teacher manages classroom, field, and laboratory activities to ensure the safety of all students and the ethical care and treatment of organisms and specimens.														
Standard II: The science teacher understands the correct use of tools, materials, equipment, and technologies.														
Standard III: The science teacher understands the process of scientific inquiry and its role in science instruction.														
Standard IV: The science teacher has theoretical and practical knowledge about teaching science and about how students learn science.														
Standard V: The science teacher knows the varied and appropriate assessments and assessment practices to monitor science learning.														
Standard VI: The science teacher understands the history and nature of science.														
Standard VII: The science teacher understands how science affects the daily lives of students and how science interacts with and influences personal and societal decisions.														
Standard IX: The science teacher knows and understands the science content appropriate to teach the statewide curriculum (Texas Essential Knowledge and Skills (TEKS) in Life Science.														
Standard XI: The science teacher knows unifying concepts and processes that are common to all sciences.														

Note: The Life Science Teacher is not responsible for Standard VIII and Standard X.