

## Science 8-12 Certificate Correlation Chart Educator Preparation Program

Please indicate where in the curriculum your program addresses the relevant Science 8-12 standards, domains, and competencies. <i>TAC§228.30 (a)</i>	Identify Courses, Modules, and/or Training																											
	Place course, module training																											
<b>Standard I: Domain I: Competency 001: 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.</b>																												
<b>Standard II: Domain I: Competency 001: The science teacher understands the correct use of tools, materials, equipment, and technologies.</b>																												
<b>Standard III: Domain I: Competency 001: The science teacher understands the process of scientific inquiry and its role in science instruction.</b>																												
<b>Standard IV: Domain X: Competency 046: The science teacher has theoretical and practical knowledge about teaching science and about how students learn science.</b>																												
<b>Standard V: Domain X: Competency 047: The science teacher knows the varied and appropriate assessments and assessment practices to monitor science learning.</b>																												
<b>Standard VI: Domain I: Competency 002-003: The science teacher understands the history and nature of science.</b>																												
<b>Standard VII: Domain I: The science teacher understands how science affects the daily lives of students and how science interacts with and influences personal and societal decisions.</b>																												
<b>Standard VIII: Domain II: Competency 004-011: Domain III: Competency 012-020: The science teacher knows and understands the science content appropriate to teach the statewide curriculum [TEKS] in physical science.</b>																												
<b>Standard IX: Domain IV: Competency 021-024: Domain V: Competency 025-028: Domain VI: Competency 029-032: Domain VII: Competency 033-035: The science teacher knows and understands the science content appropriate to teach the statewide curriculum [TEKS] in life science.</b>																												
<b>Standard X: Domain VIII: Competency 036-041: Domain IX: Competency 042-045: The science teacher knows and understands the science content appropriate to teach the statewide curriculum [TEKS] in Earth and space science.</b>																												
<b>Standard XI: Domain I: Competency 002: The science teacher knows unifying concepts and processes that are common to all sciences.</b>																												

