

## Science 4-8 Certificate Correlation Chart Educator Preparation Program

<b>Please indicate where in the curriculum your program addresses the relevant Science Standards.</b> <i>TAC§228.30 (a)</i>	Identify Courses, Modules, and/or Training																												
	Place course, module name																												
<b>Science 4-8 Standards</b>																													
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.																													
The science teacher understands the correct use of tools, materials, equipment, and technologies.																													
The science teacher understands the process of scientific inquiry and its role in science instruction.																													
The science teacher has theoretical and practical knowledge about teaching science and about how students learn science.																													
The science teacher knows the varied and appropriate assessments and assessment practices to monitor science learning.																													
The science teacher understands the history and nature of science.																													
The science teacher understands how science affects the daily lives of students and how science interacts with and influences personal and societal decisions.																													
The science teacher knows and understands the science content appropriate to teach the statewide curriculum (Texas Essential Knowledge and Skills [TEKS]) in physical science.																													
The science teacher knows and understands the science content appropriate to teach the statewide curriculum (Texas Essential Knowledge and Skills [TEKS]) in life science.																													
The science teacher knows and understands the science content appropriate to teach the statewide curriculum (Texas Essential Knowledge and Skills [TEKS]) in Earth and space science.																													
The science teacher knows unifying concepts and processes that are common to all sciences.																													

