

Office Use Only

Name: _____ Social Security # _____

Transcript Review Worksheet
Endorsement # 2-13: Science
Instructional Level: Grades 7-12

The holder is authorized to teach science in grades 7-12.

Additional Requirements: A major in biology, chemistry, physics, or earth/environmental/atmospheric sciences, or the equivalent in undergraduate and graduate coursework. **(The equivalent of a major is defined as at least 30 credits, at least nine (9) of which shall be advanced undergraduate courses or higher.)**
 A minimum of a practicum, or the equivalent, at the middle/secondary (7-12) level in science, social studies, math or English.

Required Testing: Praxis II Subject Assessment: General Science (Test Code 0435 OR 0433) AND one other subject specific test: Biology (Test Code 0235 OR 0233); OR Chemistry (Test Code 0245 OR 0242); OR Physics (Test Code 0265 or 0262); OR Earth Science (Test Code 0571).

In order to qualify for this endorsement, the candidate shall demonstrate the following:

Content Topic	College/ University	Course Number	# of Credits	Course Title
1. State and national standards and content, concepts, and skills in the areas of:				
a. Life Sciences				
b. Physical Sciences (physics and chemistry required)				
c. Earth, Environmental, and Atmospheric Sciences				
d. Living and Non-Living Systems				
2. Scientific method and investigatory procedures (you must have a laboratory course in science to fulfill this requirement)				
3. Process of development of students' scientific thinking, common misconceptions in scientific reasoning held by students and implications for instruction				
4. History of science				

Content Topic	College/ University	Course Number	# of Credits	Course Title
5. Equity issues and strategies in science education				
6. Science teaching methods				
Additional Requirements:				
<p>A major in biology, chemistry, physics, or earth/environmental/atmospheric sciences, or the equivalent in undergraduate and/or graduate coursework. (The equivalent of a major is defined as at least 30 credits, at least nine (9) of which shall be advanced undergraduate courses or higher.)</p> <p>A minimum of a practicum, or the equivalent, at the middle/secondary (7-12) level in science, social studies, math or English. (A practicum is defined as a minimum of sixty hours of supervised field experience.)</p>				