

EPS 105L

1. Students will be able to construct a hypothesis, propose a test, and then complete the test using quantitative and spatial data.
(Relates to UNM/HED Area 3, Competencies 1, 2)
2. Students will be able to make measurements and make calculations using those measurements that lead to graphical display and interpretation of data.
(Relates to UNM/HED Area 3, Competency 4)
3. Students will be able to analyze graphical data and use the graphs to make interpretations.
(Relates to UNM/HED Area 3, Competency 2)
4. Students will complete a written report that effectively communicates an interpretation of quantitative and spatial data to evaluate a societally relevant geologic problem.
(Relates to UNM/HED Area 3, Competencies 3, 5)
5. Students will provide written descriptions of rocks that correctly uses geological terminology and links these descriptions to an acceptable explanation of rock origins.
(Relates to UNM/HED Area 3, Competency 3 and disciplinary content)
6. Students will be able to provide a written explanation of the geologic history (including ages of events) of a location portrayed in a photograph or diagram.
(Relates to UNM/HED Area 3, Competencies 3, 4 and disciplinary content)
7. Students will be able to interpret scales and elevations on a topographic contour map.
(Relates to disciplinary content)
8. Students will demonstrate understanding of plate motions.
(Relates to UNM/HED Area 3, Competency 4 and disciplinary content)