Graduates will demonstrate competency in the subject knowledge of Earth Sciences in any three areas, selected from: 1) the origin, composition, and classification of igneous, sedimentary, and metamorphic rocks; 2) stratigraphic principles applied to interpreting the rock record and sediments and depositional environments; 3) constructing and interpreting geologic maps, description and analysis of faults, folds, and fractures; 4) the principles of hydrogeology as applied to surface and groundwater flow; 5) quantitative principles of meteorology; 6) the physics and dynamics of the atmosphere; and/or 7) the physics of the Earth's climate and its global distribution.

Technology
B.A. graduates will demonstrate competency in using technology in technical areas and to present ideas in oral presentations using Powerpoint (or equivalent) and other media tools.

Critical Thinking
B. A. graduates will demonstrate their ability to think critically in terms of identifying and summarizing a problem or question, analyzing and examining ideas and research findings, assessing the influence of context, and constructing and interpreting information within earth sciences.

B. A. graduates will demonstrate effective written communication skills in earth sciences by explaining content and developing ideas, effectively organizing information, demonstrating a command of the written language, and using the conventions of language and documentation appropriately.

B.A. graduates will demonstrate effective oral communication skills through their subject knowledge of earth sciences, organization of ideas, adequate connection to an audience, efficient delivery, and appropriate use of technology.

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X=courses where outcomes are assessed/taught.