

EARTH SCIENCE (EASC & ESLB)

101. Earth Science I. Credit 3 hours. An elementary treatment of sun-Earth relationships and the solar and stellar system.

102. Earth Science II. Credit 3 hours. An elementary study of geology and oceanography.

103. Earth Science Laboratory I. Credit 1 hour. Prerequisites: Registration for or prior credit for Earth Science 101. A series of selected experiments to aid students in their understanding of meteorology and/or celestial mechanics. Two hours of laboratory a week.

104. Earth Science Laboratory II. Credit 1 hour. Prerequisites: Prior credit for Earth Science 103 and registration for or prior credit for Earth Science 102 or permission of the Department Head. A series of activities to aid students in their understanding of geological formations and processes. Two hours of laboratory a week.

142. Elementary Earth-Space Science. Credit 3 hours. Prerequisites: Education major, in-service teacher or permission of the Department Head. This course is designed to prepare prospective and in-service K-12 teachers to teach Earth and space science as a process of inquiry. The curriculum focuses on core concepts of earth and space science, and students will actively engage in a process of hands-on investigation and discovery in a laboratory setting. The primary objective is to provide a student-centered, active-learning environment that promotes critical thinking, collaborative learning, and an understanding and appreciation of the processes of scientific investigation. Three hours of integrated lecture and laboratory per week.