Liberal Studies
Integrated Sci (LSIS)

Courses

**LSIS A101 Discoveries in Science 1 Credit**
Lecture series covering famous scientists and their discoveries. Historical and societal factors that laid the framework for each discovery and how these discoveries were accepted in their time. How the discoveries affect modern science and society. Scientists from different disciplines will present lectures and lead discussions.

**LSIS A102 Origins: Earth-Solar System-Life 5 Credits**
Origins of earth including its formation, its place in the universe, and the life on this planet. Processes that shape the earth, reasons that earth contains life, and the varieties of past and present forms of life.
**Prerequisites:** LSIS A101 or concurrent enrollment and MATH A105.
**Attributes:** UAA Natural Science w/ Lab GER.

**LSIS A201 Life on Earth 5 Credits**
Examines the biodiversity of life on earth, in the context of chemistry, cell biology, genetics, physiology, ecology, and evolution. Laboratory sessions are designed to increase the student's understanding of the process of science, hypothesis testing, experimental design, classification, and content knowledge. A writing and speaking intensive course.
**Prerequisites:** LSIS A102 and MATH A151 or concurrent enrollment.
**Attributes:** UAA Natural Science w/ Lab GER.

**LSIS A202 Concepts and Processes: Natural Sciences 5 Credits**
Fundamental concepts in physics and chemistry. Emphasizes logical connections between quantum mechanical view of matter and major themes of modern chemistry and biochemistry. A writing and speaking intensive course.
**Prerequisites:** LSIS A201 and MATH A151.
**Attributes:** UAA Natural Science w/ Lab GER.