

: Students will demonstrate an ability to engage in scientific inquiry with respect to the natural world.

Scientific inquiry is a systematic process that can be used to explore the natural world through a hypothesis-driven collection and analysis of evidence that results in informed and reproducible conclusions/judgments. Scientific analysis is the process of breaking complex topics or issues into parts to gain a better understanding of them. Many of the issues of the modern world rely on effective understanding and critical interpretation of scientific subject matter. These courses will provide students

with the necessary skills sets to make educated decisions using the empirical process as applied to issues in the natural world. They are designed to produce scientifically literate individuals who understand that scientific methods can be leveraged for the implementation of effective decision-making in a number of domains.



