
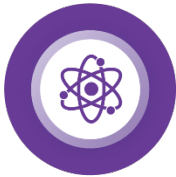




General Education Learning Outcomes for Natural Sciences

The goal of the Natural Sciences requirement is to guide students toward becoming scientifically literate as issues in today's world require scientific information and a scientific approach to informed decision making. This scientific understanding gained in these courses enhances students' ability to define and solve problems, reason with an open mind, think critically and creatively, make sound judgements after critical evaluation of data, and make decisions that may have local or global significance.

Category Learning Outcomes	Primary Core Competencies
1. Use Scientific principles to apply experimental techniques, make observational analyses, interpret experimental results, and draw logical conclusions.	
2. Describe the natural and/or physical world using basic scientific language and processes.	
3. Apply scientific principles to address problems or issues in the natural and/or physical world.	
4. Critically analyze the impact of scientific discoveries on society.	

Guidelines

For the purpose of the Natural Sciences requirement, courses will come from disciplines such as astronomy, biology, chemistry, physics, geology, and interdisciplinary studies in science. A significant laboratory component is required.

Courses satisfying this category must meet three (3) or more of the learning outcomes.



Critical Thinking



Ethical Reasoning



Communication



Global & Cultural Awareness



Creative & Artistic Expression



Core Competency Constellation



Scientific Inquiry & Mathematical Reasoning



Information Literacy