

## Natural Science

We all exist in a physical world. The discoveries of scientists constantly change our understanding of the universe, while on a more personal level, these discoveries constantly alter the way we live. In order to be a well-educated individual and in order to make responsible decisions, one must have a basic understanding of how scientists ask and answer questions, and how scientific theories are formed and modified. While focusing on a specific subject area, classes in the Natural Sciences will address some of the following questions:

How do scientists make decisions?

What is a scientific theory and why do theories change?

What does it mean when the media uses the phrase “according to scientists?”

What is the relationship between scientific information and ethical decision-making?

To answer these questions, one must gather information and engage in analytical thinking and problem solving. Then, in order to have conversations with other scientists and the broader community, one must be able to effectively communicate the conclusions derived from this process. Thus, while gaining an understanding of a specific field, the students in Natural Science classes will develop their science literacy while practicing the basic academic skills of gathering information, analyzing information, and communicating.

Please note that many courses work in particular Pathways as well as fulfilling the Natural Science breadth requirement. See the Pathway course lists on the Marist Core website for more information.

Discipline	Courses that will fulfill the Natural Science breadth requirement
<b>Anthropology</b>	ANTH 101 Introduction to Physical Anthropology
<b>Biology</b>	BIOL 101 Topics in Biology BIOL 120 Agents of Biowarfare BIOL 214 Life on Earth BIOL 232 Sex, Evolution, and Behavior BIOL 237 Human Biology
<b>Chemistry</b>	CHEM 101 Introduction to Chemistry
<b>Environmental Science</b>	ENSC 101 Introduction to Environmental Issues ENSC 210 Introduction to Geology ENSC 306 Environmental Health (ENSC 101 is a pre-requisite)
<b>Health</b>	HLTH 225 Topics in Nutrition
<b>Physics</b>	PHYS 108 Introduction to Cosmology PHYS 193 Physics of Modern Technology