

College of Charleston
General Education Goals for the Natural Science Requirement

Requirement: 8 hours of one lab science

Natural Science: Through approved general education courses in the natural sciences, students are expected to:

- demonstrate an understanding of some of the fundamental scientific concepts and theories about the natural world;
- acquire knowledge of the evidence, ideas and models that scientists use to make judgements about the natural world;
- acquire knowledge about science and technology as they shape contemporary experience and values, and demonstrate an appreciation of the historical and contemporary impact of science on daily life;
- develop the skills of logical and critical thinking necessary to explore how the natural world works;
- demonstrate an appreciation and understanding of the scientific method of inquiry; understand that scientific knowledge is based on the outcome of testing of hypotheses and theories that are under constant scrutiny and subject to revision based on new observations, and not just a collection of facts;
- demonstrate an ability to distinguish between science and technology and appreciate the capabilities and limitations of science.