

Science

This program involves interdisciplinary study that includes material that crosses departmental and divisional lines. Occasionally, the program involves fields not regularly offered at the college.

SCI 201 Integrated Science

These courses integrate knowledge from multiple scientific disciplines with knowledge from the humanities and social sciences. The courses typically provide a global or historical perspective, they address the methods, goals, and purview of science, they explore how science is used to understand natural phenomena, and they discuss the interrelationships between science and society. Specific topics differ between particular courses, but in general the courses use scientific topics as a springboard to address more general societal and cultural issues. Courses that are currently offered include *Cases and Concepts in Science and Culture*, *Earth, Body, and Mind*, *Women and Science*, and *Evolution and Human Behavior*. Requirements met: Non-Lab Science Breadth/Discover.

SCI 250 Intermediate Topics in Science

Introductory courses on materials that cross departmental and divisional lines or involve fields not regularly offered at the college. May be repeated when topic varies.

SCI 260 Intermediate Directed Study in Science

Student investigation of topic of interest working in collaboration with a faculty member resulting in significant oral and written work. See On-Campus Learning Opportunities for more information. PREQ: Freshman January term or Sophomore standing. Special permission required. Offered for variable course credit from 0.25-1.00.

SCI 350 Advanced Topics in Science

Advanced courses on materials which cross departmental and divisional lines or involve fields not regularly offered at the college. May be repeated when topic varies.

SCI 360/460 Advanced Directed Study in Science

Student investigation of topic of interest related to the major or minor working in collaboration with a faculty member resulting in significant oral and written work. See On-Campus Learning Opportunities for more information. PREQ: Junior or Senior standing. Special permission required. Offered for variable course credit from 0.25-1.00.

SCI 455 Scientific Leadership Senior Seminar

This course will build on curricular components of the STEM Teaching and Research (STAR)

Leadership program by reinforcing and expanding leadership behaviors and theories in the context of science. Over the course of the semester, students will create a Leadership Development Plan (LDP). The LDP will serve as both a reflective piece and a vision piece for students to build leadership behaviors over the next 3 to 5 years. PREQ: Must be a biology, biochemistry, or chemistry major in senior year. Offered for variable course credits from 0.25 – 1.00.

SCI 490 Independent Study in Science

Student-driven independent work to produce a high quality body of work such as paper, report, art project, etc. See On-Campus Learning Opportunities for more information. PREQ: Junior or Senior standing. Special permission required. Offered for variable course credit from 0.25-1.00.