SCIENCE

Yale College offers two yearlong interdepartmental course sequences for freshmen with strong preparation in the sciences, and a one-term seminar intended for a more general student population. SCIE 030 and 031, Current Topics in Science, is a freshman seminar designed for incoming students who have strong preparation in mathematics and science but who do not intend to major in the sciences. SCIE 198 and 199, Perspectives on Science and Engineering, is a lecture and discussion course that supplements the standard academic program of a selected group of freshmen who have unusually strong preparation in mathematics and science. It presents a broader range of topics than standard science courses and highlights the interdependence of the scientific disciplines. SCIE 141, Science and Pseudoscience, is a seminar designed for students who do not plan to major in the sciences. Although SCIE 141 is open to all classes, freshmen and sophomores are given preference in enrollment.

Students may apply to either SCIE 030 or SCIE 198 during the summer before their freshman year. Application information is available on the Freshman Seminar Web site (http://yalecollege.yale.edu/content/freshman-seminar-program-2) and on the Freshman Web site (http://yalecollege.yale.edu/content/perspectives-science-and-engineering-pse) (SCIE 198, 199).

Courses

*SCIE 030a and SCIE 031b, Current Topics in Science  Douglas Kankel
A series of modules in lecture and discussion format addressing scientific issues arising in current affairs. Topics are selected for their scientific interest and contemporary relevance, and may include global warming, human cloning, and the existence of extrasolar planets. Credit for SCIE 030 only on completion of SCIE 031; one course credit is awarded for successful completion of the year’s work. Enrollment limited to freshmen. Preregistration required; see under Freshman Seminar Program. sc ½ Course cr per term

*SCIE 141b, Science and Pseudoscience  Frank Robinson and Michael Faison
Study of the science behind hypotheses and theories that have been subjects of public debate, including global warming, alternative medicine, cellular phone use and brain cancer, and the possibility of alien visits to Earth. Basic concepts from disciplines such as geology and geophysics, evolutionary and molecular biology, astronomy, and physics. Intended for non–science majors; preference to freshmen and sophomores. sc

*SCIE 198a and SCIE 199b, Perspectives on Science and Engineering  William Segraves and staff
A series of lectures—one every other week—by science and engineering faculty guest lecturers. In alternate weeks, groups of students and faculty participants meet to discuss the lecture topics more fully. Students are expected to be enrolled in other science courses, usually with laboratory. Credit for SCIE 198 only on completion of SCIE 199; one course credit is awarded for successful completion of the year’s work. Enrollment limited to freshmen. ½ Course cr per term