

## WITHIN YALE

Students of the School of the Environment often take advantage of the faculty and resources of other schools and departments within the Yale system. YSE has several types of arrangements that enable students to fully benefit from the University.

The School has joint-degree agreements with the School of Architecture, Divinity School, School of Engineering & Applied Science, Law School, School of Management, School of Public Health, and Graduate School of Arts and Sciences. For further information on joint degrees, please refer to Joint Master's Degree Programs in the chapter Master's Degree Programs, and to Combined Doctoral Degree in the chapter Doctoral Degree Program.

The School has also cultivated relationships with key faculty members of other divisions of the University who have research and teaching interests that overlap with the School's foci. These faculty hail from the schools of Architecture, Engineering & Applied Science, Management, and Medicine, as well as the departments of Earth and Planetary Sciences, Ecology and Evolutionary Biology, Economics, and Anthropology, among others. For a full list of the faculty with joint appointments, see Secondary Appointments in the chapter Faculty and Administration.

### YALE CENTER FOR NATURAL CARBON CAPTURE

The Yale Center for Natural Carbon Capture sets out to study the fundamental and applied science of natural carbon capture. It aims at developing solutions that will provide one of the many tools needed for addressing some of the greatest challenges of our time. The center brings exciting research and researchers to the Yale community and connects them with many existing relevant research labs across campus and beyond. The center funds research projects, workshops, and fellowships and invests in outreach and training for the next generation of scientists and practitioners. These activities are centered around three focus areas: ecosystem and biological capture, geological and ocean capture, and industrial carbon utilization. For more information on YCNCC, visit <https://naturalcarboncapture.yale.edu>.

### YALE INSTITUTE FOR BIOSPHERIC STUDIES

Established in May 1990, the Yale Institute for Biospheric Studies (YIBS) serves as a key convener for Yale University's research and training efforts in the environmental sciences. YIBS is committed to the teaching of environmental studies to future generations and provides physical and intellectual centers and programs for research and education that address fundamental questions that will inform the ability to generate solutions to the biosphere's most critical environmental problems. There are currently three YIBS centers: the Center for Earth Observation, the Earth System Center for Stable Isotopic Studies, and the Center for Genetic Analysis of Biodiversity. YIBS also provides master's and doctoral student research support through various small-grant initiatives and a doctoral dissertation-enhancement grant program. For full information on YIBS and its associated programs and centers, see <http://yibs.yale.edu>.

## YALE PEABODY MUSEUM

The Yale Peabody Museum, founded in 1866, contains one of the great scientific collections in North America. Numbering more than thirteen million objects and specimens, the collections are used for exhibition and for research by scholars throughout the world. Each year, an increasing number of specimens from the collection are available online at <http://peabody.yale.edu>.

The mission of the Peabody Museum is to advance understanding of Earth's history through geological, biological, and anthropological research, and by communicating the results of this research to the widest possible audience through publication, exhibition, and educational programs.

Fundamental to this mission is stewardship of the museum's collections, which provide a remarkable record of the history of Earth, its life, and its cultures. Conservation, augmentation, and use of these collections become increasingly urgent as modern threats to the diversity of life and culture continue to intensify.

The museum's collections are a major component of the research and teaching activities of the Peabody and Yale. The curators and staff are engaged in contributing new knowledge based on the museum's research materials. All collections are used in undergraduate and graduate teaching and research, as well as in public programs and exhibitions. The Yale Peabody Museum fills many important roles on the Yale University campus, particularly as it has expanded its role in the community and the region, thereby offering a "front door" to the University for the general public.

In 1995 a formal collaboration was established among the Peabody Museum, the Yale Institute for Biospheric Studies, and the School of the Environment. This environmental partnership recognizes the Peabody Museum as a resource and catalyst for interdisciplinary research on Earth's history and environment, and seeks to strengthen the intellectual ties between the museum and other groups with a shared interest in environmental research at Yale. The School of the Environment maintains a close association with the Peabody.

The Peabody Museum Coastal Field Station on Long Island Sound in Guilford, Connecticut, is used collaboratively by YSE faculty, staff, and students for research on coastal and estuarine systems. The station is a thirteen-mile drive east of Yale and provides centrally located access to one of the country's most important estuaries. The station includes a boat ramp, deep-water moorings, and two boats. There is also simple laboratory space within the field station building, Beattie House. Nearby research lands available to YSE students include an island (Horse Island), coastal pond (Guilford Pond), and salt marsh complex (the Richards Property). The newly constructed Horse Island research station is available to YSE faculty, staff, and students for research and teaching on the island. To visit or utilize these properties and facilities, contact the Peabody Museum Office of Student Programs.

## YALE PLANETARY SOLUTIONS PROJECT

The Yale Planetary Solutions Project aims to raise awareness of climate and biodiversity work across Yale and to spark new approaches. It aspires to connect people whose ideas, when combined, might unlock novel solutions. As part of the project, the campus is used as a laboratory to implement techniques, policies, and ideas. The

project approaches climate change through three lenses: research and teaching, campus operations, and through the endowment in order to mitigate, adapt, and engage. For more information, please visit <https://planetarysolutions.yale.edu>.