



Curriculum :



The formal curriculum accounts for only part of the learning at Berea regarding sustainability. An informal curriculum of internships, labor programs, student initiatives and residential life programs operates outside the classroom.

How does Berea's curriculum support sustainability?

-*The Sustainability and Environmental Studies (SENS) Program* is a multidisciplinary program that explores the challenges of creating a sustainable society. SENS emphasizes experiential learning and lateral thinking – the ability to see and understand relationships. Core courses include ecology, ecological design, green architecture, and agroforestry. The Compton Internships give students hands-on experience in ecological design. There are three SENS professors:
[Richard Olson@bereda.edu](mailto:Richard_Olson@bereda.edu) SENS program chair and labor supervisor

[Paul Smithson@bereda.edu](mailto:Paul_Smithson@bereda.edu) Environmental Chemistry professor

-*Green Team* is a Campus Life staff and student effort to increase campus sustainability. Current efforts focus on promoting recycling in residence halls and other campus buildings.
 Contact [Teri Williams@bereda.edu](mailto:Teri_Williams@bereda.edu)



Curriculum Cont. :



-*SENS House* is a demonstration house and residence for four student SENS House Directors. The SENS House residents demonstrate simple living, green technology, and sustainable lifestyle choices. As well as offer programs and tours.
 Contact SENS@bereda.edu

-*Roots&Shoots* is a children's environmental education group. They meet monthly in the Ecovillage and are looking for volunteers.
 Contact Irene_DeLuna@bereda.edu

-*HEAL*, a student-run environmental and social justice organization, promotes numerous initiatives.
 Contact HEAL@bereda.edu

-*Ten by Ten Campaign* is working to help BC meet 10% of its energy needs with renewable energy by 2010.
 Contact HEAL@bereda.edu

-*Berea Bike Project* provides community bikes and educational workshops. Bikes can be checked out weekly at the Bruce Trades Building.
 Contact [Nathan Hall@bereda.edu](mailto:Nathan_Hall@bereda.edu)

-*La Vida Nueva* is a female residential cooperative that purchases local and organic food and whose members live in a manner that supports social justice.
 Contact [Teri Williams@bereda.edu](mailto:Teri_Williams@bereda.edu)

Follow Berea College's Green Steps

... find out how you can get involved!



"Berea College's mission includes a long-standing commitment that we engage in good stewardship of our natural, human and material resources. To that end, we are moving aggressively to transform our College into a sustainable campus that meets its educational and community goals without degrading the ecological, social, and economic systems on which our region and all of our futures depend."

Larry Shinn, Berea College President

Berea College is taking a three-pronged approach to becoming a sustainable campus with changes to its physical plant, operations, and curriculum. Read on to learn more!

Contact Tammy Clemons, Sustainability Coordinator, at (859) 985-3610 or via email [Tammy Clemons@bereda.edu](mailto:Tammy_Clemons@bereda.edu).



Physical Plant :



New construction and renovations are guided by ecological design this allows the campus to operate more efficiently and presents an “architecture that teaches.”

What are some of Berea’s ecological renovations?

-*Lincoln Hall renovation* was the first LEED-certified building in Kentucky.

-*Draper Hall renovation* features day lighting, stack ventilation, and the use of rainwater for toilet flushing.

-*Kentucky-Talcott Dorm renovation* increased energy efficiency and demonstrated re-using building materials.

-*A New Natural Gas Central Plant and distribution system* is more efficient than the older plant and has been designed to be easily converted to other alternative fuels.

-*The Berea College Ecovillage* provides residential living for students with families. The Ecovillage utilizes an Ecological Machine that converts sewage to swimmable-quality water used to flush toilets. The Child Development Laboratory is an on-site child care facility.

Contact: Irene_DeLuna@berae.edu



Campus Operations :

Appropriate design can move a campus only partially toward sustainability. Through changes in campus operations, choices are bringing us closer to sustainability.

What are some changes to Berea’s campus operations?

-*Energy Master Plan* guides construction and conservation efforts to meet our goal of a 45% reduction in campus energy use by 2015. Contact James.Dontje@berae.edu

-*Sustainability Indicators*: BC has identified 24 indicators of sustainability that are used to evaluate the college’s progress. <http://www.berae.edu/sens/indicators/indicatorslideshow/default.asp>

-*Green Purchasing* BC Printing Services uses 100% post-consumer recycled paper for all printers and copiers. Paper hand towels and toilet paper include recycled content. The College is a member of the Workers Rights Consortium that seeks to ensure fair labor conditions.

Contact Melvin.Cooper@berae.edu

-*The BC Recycling Center* collects paper, cardboard, paperboard, plastic (#1 and #2), aluminum, steel, and glass, and diverts approximately 20% of municipal waste.

Contact Kevin.Long@berae.edu



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James.Dontje@berae.edu Compton chair and SENS independent major advisor

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Contact Teri.Williams@berae.edu