

A Great Fit

Whether a weekend or a semester, in Dayton or across the globe, there is an ETHOS experience that will fit into your schedule and educational plan.

OUR MISSION



The ETHOS Center is an experiential learning initiative of the School of Engineering at the University of Dayton. Participating students use their engineering skills for humanitarian purposes, engaging with others through practical engineering problem solving and design. The ETHOS Center seeks to provide community-based global learning experiences through student activities, technical immersions, research and hands-on projects. Through these experiences, students develop fresh perspectives on how engineering and technology are influenced by — and impact — our world.

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University of Dayton
The ETHOS Center

IGNITING PASSION • ENGINEERING THE FUTURE

MAKING A
DIFFERENCE



GET INVOLVED



Graduate ETHOS Opportunities

▼ Graduate Immersions

Leverage your advanced engineering skills to support ETHOS partner organizations in the U.S. and worldwide. Align your graduate coursework and research with projects that serve the common good.

“More than anything, my ETHOS experiences taught me to appreciate the value of diversity and instilled a greater sense of empathy for people different than myself. The experience helped hone my technical skills by placing me in very challenging environments while simultaneously helping me to succeed.” —*Ryan Schuessler*

▼ Graduate Service Program

Engineering graduate students partner with organizations in the U.S. and around the world to volunteer their time, energy and skills to help with short-term (1-2 week) technical projects.



Undergraduate ETHOS Opportunities

▼ International Immersions

Spend a semester developing a project in partnership with an international organization that meets the infrastructure or appropriate technology needs of their community. ETHOS semester immersions are transformational experiences that allow students from all majors to see the world in a new light.

“Before you decide not to meet someone, do something, taste a new food, visit a new country...meet that person, do it yourself, taste that new dish, explore the unknown and make the decision for yourself rather than take the words of others as truth. We travel not to escape life, but for life not to escape us.” —*Andrew Tarutani*

▼ International Breakouts

Traveling in groups of 6-10, work with a non-government organization in a developing country. Spanning up to two weeks, ETHOS International Breakouts are a great opportunity for students to complete a hands-on project that utilizes their engineering skills for the betterment of the local community.

“I signed up for the Nicaragua breakout to gain new perspectives of engineering and the world and to gain a deeper understanding of my place in this world. The trip was filled with memorable experiences: visiting a geothermal power plant, constructing solar cookers, playing cards with my host siblings and attending a local mass.” —*Andrea Mott*

▼ Domestic Immersions

Work with a U.S.-based nonprofit or NGO addressing regional or global challenges. During this immersion, you'll use your engineering skills to help solve global issues through regional challenges.

“My time at Blue Rock Station taught me the true value of our earth and how to work in partnership with the natural world.” —*Naomi Schalle*

▼ Dayton Immersions

Broaden your learning opportunities through participating in community-based learning projects with community agencies. You will expand your worldview through experiential learning and the creation of intentional community. Part-time opportunities are also available.

“My work on the Homefull Micro-Farm allowed me to explore a future career path in which my love for community engagement, service and engineering act together.” —*Sarah Richard*

▼ Domestic Breakouts

Spanning from two days to two weeks, work on short-term projects with fellow students throughout the United States.

▼ ETHOS Research

Join a long-term research and development project with an ETHOS partner organization under the mentorship of engineering faculty and graduate students. Begin as a sophomore and continue working on the same research project until graduation, earning valuable hands-on experience and undergraduate research credit.

