

UAB Sustainability

UAB Sustainability understands that our future belongs to the present. We focus on sustainability and the triple bottom line theory to empower our leaders to make data-driven decisions. We partner across our institution to ensure the decisions we make now will have a positive impact on the quality of life of the UAB community for generations to come.

UAB has a special responsibility to act as a driver of sustainable solutions in our region and beyond. Our urban campus is a living laboratory, because of its:

- more than 200 classroom, office, research, and hospital buildings,
- space occupying more than 100 city blocks,
- role as one of the top employers in the region,
- role as the largest electricity user in the state, and
- responsibility as the single-biggest contributor to Birmingham's economy

Sustainability Courses at UAB

UAB's expanding undergraduate sustainability curriculum engages academic disciplines and multidisciplinary programs to prepare our students to become environmentally and socially responsible global citizens. Each term UAB offers courses with content related to sustainability,

Anthropology

- [ANTH 104](#) Introduction to Peace Studies (3 s.h.)
- [ANTH 200](#) Applied Anthropology
- [ANTH 351](#) Anthropology of Human Rights
- [ANTH 360](#) Ecological Anthropology
- [ANTH 404](#) Human Rights, Peace, and Justice
- [ANTH 413](#) Peace & Environmental Sustainability
- [ANTH 437](#) Real World Remote Sensing Applications
- [ANTH 483](#) Intern in Peace, Justice and Environmental Study
- [ANTH 504](#) Human Rights, Peace, and Justice
- [ANTH 505](#) Anthropology of Peace, Justice, and Ecology
- [ANTH 513](#) Peace & Environmental Sustainability
- [ANTH 652](#) Sustainable Peace Seminar

Biology

- [BY 124](#) Introductory Biology II
- [BY 468](#) Ecological Genetics
- [BY 470](#) Ecology
- [BY 585](#) Northern Field Studies
- [MESC 208](#) Biology and Conservation of Marine Turtles

[MESC 230](#) The Ecology of Florida Everglades

[MESC 302](#) Coastal Zone Management

[MESC 303](#) Coastal Climatology

[MESC 330](#) Marine Conservation Biology

Civil, Construction, and Environmental Engineering

[CE 236](#) Environmental Engineering

[CE 431](#) Energy Resources

[CE 537](#) Environmental Experimental Design and Field Sampling

[CE 537L](#) Environmental Experimental Design and Field Sampling

Lab

[CE 600](#) Sustainable Construction

[CE 608](#) Green Building Design

[CE 610](#) The Engineered Environment

[CE 631](#) Environmental Law

[CE 636](#) Stormwater Pollution Management

[CE 690](#) Special Topics in (Area)

Sustainable Smart Cities MS Program first year courses

[CESC 600](#) Principles of Sustainable Development

[CESC 602](#) Introduction to Sustainable Smart Cities

[CESC 604](#) Low-Carbon and Renewable Energy Systems for Smart Cities

[CESC 606](#) Managing Natural Resources and Sustainable Smart Cities

[CESC 608](#) Green Infrastructure and Transportation

[CESC 610](#) Health and Liveability

[CESC 612](#) Green Buildings

[CESC 614](#) Smart Cities Technologies

[CESC 616](#) Big Data and Smart Cities

[CESC 618](#) Research Methods and Project Planning

[CESC 620](#) Sustainable Smart Cities Research Project

Geography

[GEO 491](#) Environmental Policy

Political Science and Public Administration

[PSC 103](#) Foundations of International Relations

[PSC 266](#) The United Nations

[PSC 316](#) Human Rights

PSC 355 Politics of Development

PSC 361 North/South International Relations

PSC 386 Economics of Public Policy

PSC 465 International Law

Chemistry

ES 101 Physical Geology

ES 102 Physical Geology Laboratory

Marketing, Industrial Distribution, and Economics

EC 308 Economics of Environment

Honors College, Science and Technology Honors Program

STH 199 Introduction to the Scientific Process

Environmental Health Sciences

ENH 615 Environmental Justice and Ethics

ENH 660 Fundamentals of Air and Water Pollution

History

HY 439 American Environmental History

Sociology

SOC 431 Environmental Sociology

SOC 470 Population Dynamics