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 360 Ecological Anthropology

ANTH 404 Anthropology of Peace and Human Rights

ANTH 413 Peace & Environmental Sustainability

ANTH 437 Real World Remote Sensing Applications

ANTH 483 Intern in Peace, Justice and Environmental Study

ANTH 504 Foundations in Anthropological Theory

ANTH 505 Anthropology of Peace & Human Rights

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 Livability

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