

# SUSTAINABILITY - MINOR

College of Aeronautics and Engineering  
 School of Engineering  
 www.kent.edu/cae

## About This Program

The Sustainability minor provides students a basic knowledge of sustainability and allows them to address a specific area within sustainability. The minor consists of basic courses addressing the three main components of sustainability and an integrated series of advanced courses related to applications of this basic principle.

## Contact Information

- cae@kent.edu | 330-672-2892
- Speak with an Advisor

## Program Delivery

- **Delivery:**
  - In person
- **Location:**
  - Kent Campus

## Admission Requirements

Admission to a minor is open to students declared in a bachelor’s degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students declared only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

## Program Requirements

### Minor Requirements

Code	Title	Credit Hours
<b>Minor Requirements</b>		
CAE 45092	AERONAUTICS AND ENGINEERING INTERNSHIP/COOPERATIVE EDUCATION (ELR) (WIC)	1-3
ENGR 27210	INTRODUCTION TO SUSTAINABILITY	3
Basic Level Electives, choose from the following:		6
BSCI 10002	LIFE ON PLANET EARTH (KBS)	
CHEM 10030	CHEMISTRY IN OUR WORLD (KBS)	
ECON 22060	PRINCIPLES OF MICROECONOMICS (KSS)	
ENR 27056	INTRODUCTION TO ENTREPRENEURSHIP	
GEOG 10160	INTRODUCTION TO GEOGRAPHY	
MGMT 24163	PRINCIPLES OF MANAGEMENT	
PHY 13001 & PHY 13021	GENERAL COLLEGE PHYSICS I (KBS) and GENERAL COLLEGE PHYSICS LABORATORY I (KBS) (KLAB)	
or PHY 23101	GENERAL UNIVERSITY PHYSICS I (KBS) (KLAB)	
PHY 21430	FRONTIERS IN ASTRONOMY (KBS)	
SOC 12050	INTRODUCTION TO SOCIOLOGY (DIVD) (KSS)	
Advanced Level Electives, choose from the following:		9
ARCS 30421	ENVIRONMENTAL IMPERATIVES	

BA 44062	SUPPLY CHAIN MANAGEMENT
ECON 32084	ECONOMICS OF THE ENVIRONMENT
ENGR 47210	SUSTAINABLE ENERGY I
ENGR 47211	SUSTAINABLE ENERGY II
FDM 35012	SUSTAINABILITY IN FASHION
GEOG 36065	CITIES AND URBANIZATION (DIVG)
GEOG 41073	CONSERVATION OF NATURAL RESOURCES
MGMT 44009	THE BUSINESS CASE FOR SUSTAINABILITY
RPTM 36083	ENVIRONMENTAL EDUCATION AND CONSERVATION

Minimum Total Credit Hours: 19

## Graduation Requirements

Minimum Minor GPA	Minimum Overall GPA
2.000	2.000

- Minimum 6 credit hours in the minor must be upper-division coursework (30000 and 40000 level).
- Minimum 6 credit hours in the minor must be outside of the course requirements for any major or other minor the student is pursuing.
- Minimum 50 percent of the total credit hours for the minor must be taken at Kent State (in residence).

## Program Learning Outcomes

Graduates of this program will be able to:

1. Understand the concepts of sustainability, including the three pillars of economic growth, environmental protection and social equality.
2. Apply aspects of sustainability to their field of study.