- BUSN445 DEVELOPING ENVIRONMENTALLY SUSTAINABLE BUSINESS
  https://ciu.edu.tr/en/programs/undergraduate/business-administration

- ECON406 ENERGY AND ENVIRONMENTAL ECONOMICS
  This course provides students with a better understanding of the structure of energy and resource markets. An overview of the theory and empirical practice of economic analysis will be used in evaluating energy and environmental problems. Topics covered include the natural resource economics, as well as electricity and oil markets. Other topics include environmental policy (pollution and economic efficiency); analysis of economic instruments, such as tradable property rights and pollution taxes; the allocation of non-renewable and renewable resources; and contemporary issues of growth, sustainable development and climate change. They will also be able to understand electricity markets and the economics of climate change.
  https://ciu.edu.tr/en/programs/undergraduate/economics

- ECON520 : SUSTAINABLE DEVELOPMENT
  This course introduces the concept of sustainable development at different geographical scales (local, national and international). It aims to explore the origin, goals, and challenges of sustainable development. The course will begin by analyzing the history of development and globalization projects using a cross-cultural perspective that considers social and environmental impacts outlining some key challenges, including reduction of poverty and sustaining the earth's ecological integrity. As such, it deals with production, distribution, and consumption of natural resources as the principal determinants of sustainable development. The degree to which global market capitalism, subsistence, and other production systems have been, or currently are, sustainable over the long term will be explored. Moreover, environmental assessment policies and tools, indicators of sustainable development, and related social institutions are considered.
  https://ciu.edu.tr/en/programs/postgraduate/economics-msc

- INPD309 DESIGN FOR SUSTAINABILITY
  This course introduces the concept of "sustainability" since it gained gradually importance. It is integrated into design projects. In this course guidelines and examples are be used to emphasize the practical aspects of sustainable design. The course aims to challenge students to re-evaluate the discipline with an ecological consciousness on human health and environmental issues. The course includes initiate discussions on issues such as factors causing environmental problems, philosophical approaches towards the environment, the power of design to contribute to environmental concerns, consumption habits etc. Valuable case studies are included in the course and while considering the design aspects of the product, students are required to design a project with awareness of the global environment.
  https://ciu.edu.tr/en/programs/undergraduate/graphic-design

- ENRE517 ECOLOGICAL SUSTAINABILITY IN DESIGN AND

MANUFACTIURING

- PNGE518 SUSTAINABLE ENERGY POLICIES FOR ISLANDS
  The course will concentrate on sustainable energy policies of islands in general and alternative solutions will be discussed in detail. The course will also discuss the indirect effects of major players in the field of energy and independent and strategic solutions will be tried to be retrieved, with the consideration of scientific and logical energy mix opportunities. Due to the different strategic and geopolitical nature of islands with respect to energy transportation and local availability, the students will also be informed about the current energy geopolitics ongoing around the islands. Real life examples and relevant case studies will also be discussed with the students.
- CVLE637 SUSTAINABLE BUILT ENVIRONMENT
  This course develops the scientific and engineering skills necessary to design energy-efficient and sustainable buildings as well as built environments. The course aims to integrate laterally a wide range of advanced environmental building design aspects that includes building physics, enhanced natural ventilation, sustainable building materials, rational water usage, global energy demands and renewable/alternative energy technologies, bioclimatic building design, perception of human comfort, and environmental management and strategies. The course also demonstrates examples of both sustainable and unsustainable aspects of current building design practice, and how international policy frameworks can act as both drivers and barriers to sustainable solutions. The course involves individual case studies of international environmental design projects. Current sustainability certification schemes are presented and discussed critically.
  https://ciu.edu.tr/en/programs/postgraduate/civil-engineering-phd

- ENVE315 INTRODUCTION TO CLIMATE CHANGE AND SUSTAINABILITY
  This course aims to provide basic information on climate change and sustainability. Students will have information about factors that cause climate change, the problems it creates, climate change policies, adaptation and mitigation processes. In this course, climate scenarios will be discussed and information about sustainability concepts will be given. Since our life and economies depend on scientific principles of sustainability, the steps that need to be taken to combat climate change and the resulting crisis will be examined in parallel with concept of sustainable development goals. Students will learn about renewable energy sources and will be introduced to the concept of carbon footprint and learn individual carbon footprint calculations.

- BIOE361 INNOLOGYDUSTRIAL AND ENVIRONMENTAL BIOTECH
  This course discusses the commercial applications of bioprocesses to environmental problems. The fundamentals of many industrial sectors, including brewing, recombinant fermentation technologies. Industrial enzyme production, the production of biomass/single cell protein and the production of industrial alcohol. https://ciu.edu.tr/en/programs/undergraduate/environmental-engineering

- ENVE402 ENVIRONMENTAL IMPACT ASSESSMENT
  The objective of this course provides knowledge on environmental impacts and

environmental impact assessment. The course content includes history and basics of environmental impact assessment; framework and legal considerations for impact assessment; predictions of impacts on air, soil and water quality, noise level, and the biological environment; methods of impact analysis; public participation in the environmental impact assessment process; environmental impact assessment reports. Examples of previously used environmental impact assessment reports of various engineering projects are studied as cases studies in the lectures. The course uses lecture notes and discussions for the theoretical information and a term project practicing on how to conduct an environmental impact assessment on an imaginary project learning to use the theory in practice.
https://ciu.edu.tr/en/programs/undergraduate/environmental-engineering