



Cal Poly Pomona
Sustainability Course Guide
Winter 2017 Edition

Winter 2017

Priority Registration Oct. 26-27

Regular Registration Oct. 31-Nov. 18

Add/Drop Dec. 20-Jan. 9



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Overview of the Sustainability Department

At the Sustainability Department at Cal Poly Pomona we hope to educate students, faculty, and staff about the various ways of embracing sustainability in their daily lives by incorporating them into the University's planning and policies, academics, operations, student activities, and community engagement. To accomplish this, the department strives to:

- Engage students, faculty, and staff in an ongoing dialogue, inquiry, and discovery of sustainable practices by way of curriculum, degree programs, and scholarly research.
- Integrate sustainable practices into all aspects of university planning and operations, with a focus on both present and future implications.
- Design, build, and operate a campus environment that minimizes its ecological footprint, thus contributing to the goal of climate neutrality.
- Participate in research initiatives and outreach activities that educate our communities, nourish our natural ecosystems, and enrich our cultural experiences.

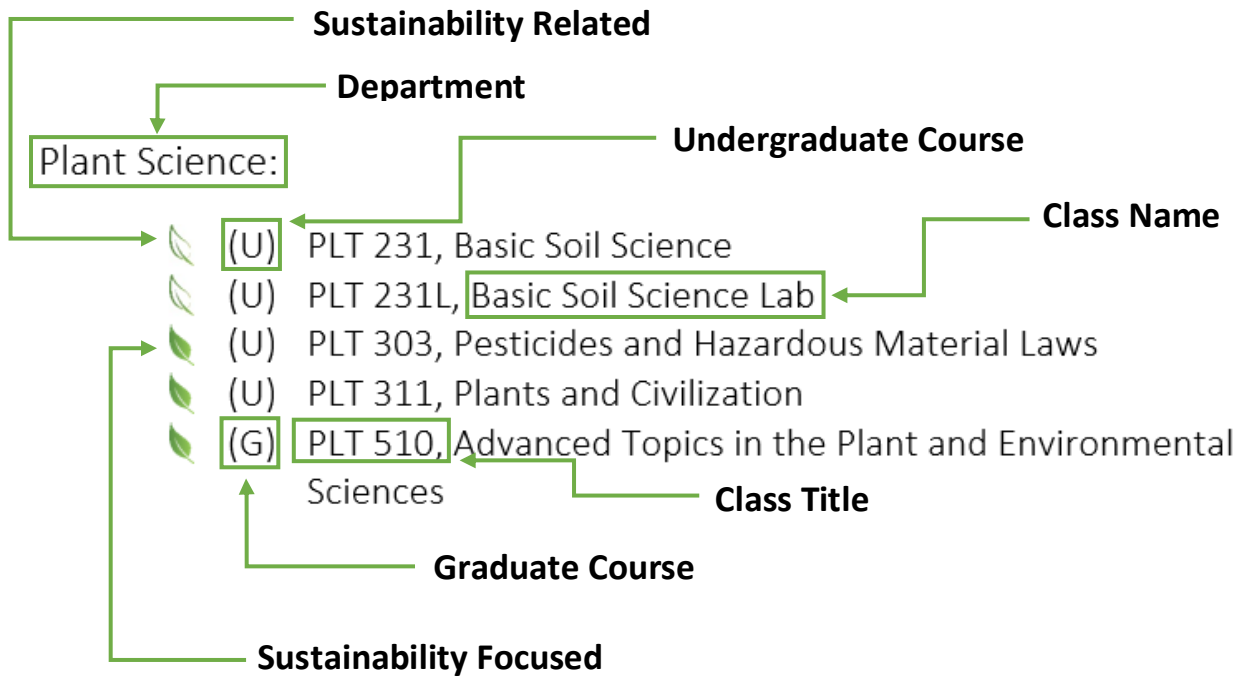


What is Sustainability?

Throughout the sustainability course guide we refer to courses either as sustainability focused or sustainability related. But what does “sustainability” really mean? The term sustainability can mean many different things; there is no one, simple definition. However, for the purpose of this project we referred to the most widely quoted definition of sustainability provided by the United Nations. They view sustainability as “meeting the needs of the present without compromising the ability of future generations to meet their own needs.” This compiled list of sustainable courses represents the courses that teach concepts relating to or focusing on sustainability, chosen by us, reviewed by professors and approved by department heads.



How-To Read the Guide



College of Agriculture

Agriculture:

- 🌿 (U) AG 101, Agriculture and Modern World
- 🌿 (U) AG 401, Ethical Issues in Food, Agriculture and Apparel Industries
- 🌿 (U) AG 401H, Ethical Issues in Food, Agriculture and Apparel Industries Lab

Agribusiness Management:

- 🌿 (U) ABM 313, Politics of Food and Agriculture

Animal and Veterinary Sciences:

- 🌿 (U) AVS 112, Animal Science I – Food Animal Science
- 🌿 (U) AVS 311, The Animal Industries and Society

Foods and Nutrition:

- 🌿 (U) FN 228, Food and Culture

International Agriculture:

- 🌿 (U) IA 101, Global Resources for Food
- 🌿 (U) IA 445, Agricultural and International Development
- 🌿 (U) IA 450, Agricultural Water Resource Management



Plant Science:

- 🌿 (U) PLT 231, Basic Soil Science
- 🌿 (U) PLT 231L, Basic Soil Science Lab
- 🌿 (U) PLT 303, Pesticides and Hazardous Material Laws
- 🌿 (U) PLT 311, Plants and Civilization
- 🌿 (U) PLT 411, Environmental Toxicology






College of Business Administration

Finance, Real Estate, & Law:

-  (U) FRL 100, Personal Money Management
-  (U) FRL 426, Legal Aspects of International Business

Management & Human Resources:

-  (U) MHR 318, Organizational Behavior
-  (U) MHR 451, International Comparative Management
-  (U) MHR 452, Emerging Issues in Management



Collins College of Hospitality Management

Hotel & Restaurant Management:

-  (U) HRT 101, Intro to Hospitality Industry
-  (U) HRT 203, Hotel/Resort Operations
-  (U) HRT 255, Healthy American Cuisine
-  (U) HRT 281, Professional Cooking I
-  (U) HRT 281L, Professional Cooking I Lab
-  (U) HRT 304, Hotel/Resort Rooms Division Management
-  (U) HRT 382, Food and Beverage Operations I
-  (U) HRT 383L, Food and Beverage Operations II Lab
-  (U) HRT 410, Strategic Leadership in the Hospitality Environment
-  (U) HRT 415, International Travel and Tourism



College of Education and Integrative Studies

Teacher Education:

 (U) TED 407, Education in a Diverse Society



College of Engineering

Engineering:

-  (U) EGR 100, Engineering, Society, and You
-  (U) EGR 445, Role of Design Professionals in Society

Industrial and Manufacturing Engineering:

-  (U) IME 402, Ethical Considerations in Technology and Applied Science







Manufacturing Engineering:

-  (U) MFE 201, Manufacturing System Process



College of Environmental Design









Regenerative Studies:

-  (U) RS 414, Current Applications in Regenerative Studies
-  (U) RS 414L, Current Applications in Regenerative Studies Lab
-  (G) RS 691, Current Applications in Regenerative Studies Lab
-  (G) RS 692, Independent Study
-  (G) RS 695, Master's Project
-  (G) RS 696, Master's Thesis






College of Letters, Arts, and Social Sciences

Anthropology

-  (U) ANT 101, Introduction to Biological Anthropology
-  (U) ANT 102, Introduction to Cultural Anthropology
-  (U) ANT 112, World Cultures via the Internet
-  (U) ANT 201, Human Nature/Human Affairs: A Bicultural View
-  (U) ANT 330, Archeological Theory and Methods
-  (U) ANT 350, Environmental, Technology, and Culture
-  (U) ANT 352, Development Anthropology
-  (U) ANT 379, Cultural Areas of the World







Geology

-  (U) GEO 100, World Regional Geography
-  (U) GEO 102, Human Geography
-  (U) GEO 313, Legal and Political Geography





College of Science

Biology

-  (U) BIO 115, Basic Biology
-  (U) BIO 121, Foundations of Biology: Energy and Matter – Cycles and Flows
-  (U) BIO 121L, Foundations of Biology: Energy and Matter – Cycles and Flows Lab
-  (U) BIO 123, Foundations of Biology: Biodiversity
-  (U) BIO 123L, Foundations of Biology: Biodiversity Lab
-  (U) BIO 304, Environment and Society

Geological Sciences

-  (U) GSC 110, Water in a Changing World
-  (U) GEO 112, Earth, Time, and Life



Our Goal

Cal Poly's goal is to become more sustainable in our use of resources through many aspects of the University's operations. Whether it's how we build and maintain our buildings to composting of food from campus dining. These initiatives are all driven by collaboration between students, faculty, and staff from various divisions and departments.



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