A MINOR with a Major IMPACT

UNDERGRADUATE MINOR IN SUSTAINABILITY
SUSTAINABILITYCOLLABORATIVE.GWU.EDU

The Sustainability Minor is open to all GW undergraduates. For more information email: sust minor.gwu.edu
PLEASE NOTE: To complete the Sustainability Minor, you must have 18 credits.

FOUNDATION COURSE
SUST 1001: 3 CREDITS

SUPPORTING COURSES
TRACK A: 3 CREDITS
TRACK B: 3 CREDITS
TRACK C: 3 CREDITS
STUDENT'S CHOICE: 3 CREDITS

CULMINATING EXPERIENCE
SUST 3097: 3 CREDITS

SUSTAINABILITY MINOR CURRICULUM

SIGNATURE COURSES

SUST 2002: THE SUSTAINABLE CITY
This course explores the connections between cities and sustainability. We consider sustainability from a variety of theoretical and practical perspectives and examine some of the most pressing and critical issues that must be addressed in order to create a sustainable city. Central to this course is a focus on Washington, D.C. Ultimately, this course is concerned with how to create cities and the quality of life for those who live there can be improved through sustainable urban development projects and policy.

SUST 3002: CLIMATE CHANGE AND POLICY
This course explores climate change from an interdisciplinary perspective. Topics include mitigation, adaptation, and intervention from the perspectives of public policy, economics, psychology, and public health. Students will learn about climate modeling, green infrastructure, carbon capture and storage, climate justice, and international and multilateral environmental agreements.

SUST 3003: THE SUSTAINABLE PLATE
This course focuses on how our dietary choices affect not only our health but the environment and those involved in the production of food. This class explores the sustainable plate - how does dinner affect the future of the environment, economy, and society? from an interdisciplinary perspective. Food is a topic which can be explored from a variety of fields, from policy to public health and business to international affairs. Note: This course was previously offered as SUST 2003.
**Track A: Earth and Environment Systems**

**Columbia College of Arts & Sciences**

- BSC 1005 The Biology of Nutrition & Health
- BSC 1006 The Ecology & Evolution of Organisms
- BSC 1007 Food, Nutrition, & Service
- BSC 1008 Understanding Organisms, Service Learning
- BSC 1115 Cells & Molecules
- BSC 1116 The Biology of Organisms
- BSC 2205 Plant Biology
- BSC 2234 Integrative Biology of Fishes
- BSC 2450 Organic Evolution
- BSC 2451 History of Life
- BSC 2454 General Ecology
- BSC 2459 Field Biology
- BSC 3460 Conservation Biology
- BSC 3461 Plant Animal Interactions
- BSC 3464 Ecology & Evolution of Societies
- BSC 3553 Field Ecology
- CHEM 2003/3004 Contemporary Sci for Non-Sci Majors
- CHEM 2085 Environmental Chemistry
- CHEM 2151 Organic Chemistry I (Prof. Voughtchenko Only)
- CHEM 2152 Organic Chemistry II (Prof. Voughtchenko Only)

**School of Engineering & Applied Sciences**

- CE 1010 Intro to Civil Engineering
- CE 1020 Intro to a Sustainable World
- CE 2510 Environmental Sustainability
- CE 3140 Sustainability in Eng. Materials
- CE 3520 Environmental Engineering I: Water Resources and Water Quality
- CE 3730 Sustainability Planning Dynamics
- CE 4410 Intro to Geo-Engineering
- CE 4450 Intro to Geo-Enviro. Engineering
- CE 4530 Environmental Engineering II: Water Pollution & Control
- CE 4620 Hydrology and Hydraulic Design
- EMSE 4410 Engineering Economic Analysis
- MAE 4149 Thermal System Design

**Milken Institute School of Public Health**

- PUBH 3132 Health & Environmental Health
- PUBH 3150 Sustainable Energy & Environmental Health

**Track B: Society and Sustainability**

**Columbia College of Arts & Sciences**

- AH 2154 American Architecture I
- AH 2155 American Architecture II
- AMST 2440 The American City
- AMST 2521 American Architecture II
- AMST 3810 Planning Cities
- ANTH 2302 Anthropology of Science and Society
- ANTH 3407 Conservation in a Changing World
- ANTH 5501 Anthropology of Development
- ANTH 5502 Contemporary Ecology
- ANTH 5504 Illness, Healing, & Culture
- ANTH 3513/3515W Anthropology of Human Rights
- ANTH 3701 Native Peoples of North America
- ANTH 3803/3803W Old World Prehistory: First Farmers to First Cities
- ANTH 3804 Origins of State & Urban Society
- ECON 2136 Natural Resources & Environmental Economics
- ECON 2151/2151W Economic Development
- ECON 2153 Urban & Regional Economics
- ENVS 3130/3130W Topics in Global/Postcolonial Literature & Film

**School of Business**

- BUSM 1004 The Age of Globalization
- IBUS 4403 Oil: Industry, Economy, & Society
- IBUS 4404 Global Energy
- MGT 3305 Human Capital Sustainability

**School of Engineering & Applied Sciences**

- CEG 3432 Information Policy
- EMSE 3740 Systems Thinking & Policy Modelling
- EMSE 3853/3853W Critical Infrastructure Systems
- EMSE 4410 Engineering Economic Analysis

**Milken Institute School of Public Health**

- EXNS 2117 Intro to Nutrition & Health
- PUBH 3100 Intro to Public Health & Health Services
- PUBH 3135W Health Policy

**Track C: Policy, Organization, and Leadership**

**Columbia College of Arts & Sciences**

- ECON 3161 Public Finance - Expenditure Programs
- GEG 3132 Environmental Quality & Management
- GEG 3193 Environmental Law and Policy
- HSSJ 1700 Intro to Human Services & Social Justice
- HSSJ 1707 Organizing for Social Justice
- HSSJ 2200 Principles of Ethical Leadership
- IA 3350 Sustainable Design Strategies
- ORSC 2116 Leading Change
- ORSC 2122 Negotiation and Conflict
- PHL 2135 Ethics in Business & the Professions
- PPA 2701 Sustainability & Environmental Policy
- PSC 2212 State & Urban Policy Problems
- PSC 2220 Public Opinion
- PSC 2279 Media and Politics
- PSC 2240 Poverty Welfare & Work
- PSC 2442 International Organizations
- PSC 2443 Public International Law

**School of Business**

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**School of Engineering & Applied Sciences**

- CEG 3432 Information Policy
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**Milken Institute School of Public Health**

- PUBH 3100 Intro to Public Health & Health Services
- PUBH 3135W Health Policy

**GW**

- PUBH 3136 Health Law
- PUBH 3137 Global Public Health
- PUBH 3151 Current Issues in Bioethics

**Office of the Provost**

- SUSI 2002 The Sustainable City
- SUSI 3003 The Sustainable State
- SUSI 3002 Climate Change & Policy

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**Notes:**

- Special topics courses are not included in the brochure, however, they are included in the registrar. Check attributes SMA, SMB, and SMTC for all courses, including special topics courses. Both Elliott and SMA have a number of sustainability courses, but because they are all special topics, they don’t appear in this guide.**

- **Not all courses are three credits. Please double check to make sure that your courses fulfill the 3 credits/track requirement.**