



Cornell University

## **Sustainability @ Cornell**

**A guide to courses, programs, & organizations**



What is sustainability? It is often an ambiguous term with multiple definitions. But its lack of a clear definition exemplifies the fact that sustainability crosses various perspectives. A strong grasp of sustainability is truly multidisciplinary.

## Course Map Across the Curriculum

Build a unique education in sustainability by exploring various perspectives in different colleges. Each course has a different focus, so check out their course descriptions for more information online at:

[www.cornell.edu/academics/courses.cfm](http://www.cornell.edu/academics/courses.cfm).



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### Cross-listed Across Colleges

AEM 555, NBA 572	Environmental Management & Policy (F)
ALS/BIOEE 661, BSOC 461	Environmental Policy (F/S)
BEE 673, NBA 573	Sustainable Development Seminar (S)
BIOEE 261	Ecology & the Environment (F/SS)
BIOEE/BSOC/STS 469	Food, Agriculture, & Society (S)
BIONB 420/720, ENTOM 494	The Naturalist's Way (F)
BIOPL 240	Green World/Blue Planet (SS)
BIOPL 348	The Healing Forest (S)
AEM/ECON 450	Resource Economics (F)
AEM 451, ECON 409	Environmental Economics & Policy (S)
DSOC/SOC 205	International Development (S)
DSOC/SOC/STS 324	Environment & Society (F/SS)
NS 306	Nutritional Problems of Developing Nations (S)
NTRES 331/631, BSOC/STS 314	Environmental Governance (S)

### College of Agriculture & Life Sciences

AEM 250	Environmental & Resource Economics (S)
AEM 651	Environmental & Resource Economics (S)
AEM 660	Agroecosystems, Economic Development & the Environment (S)
AIS 435, DSOC 635	Indigenous Peoples & Globalization (F)

ALS 477	Environmental Stewardship in the Cornell Community (S)
AN SC 110	The Animals that Sustain Us (S)
CSS 190	Sustainable Agriculture (F)
CSS/IARD 314	Tropical Cropping Systems: Biodiversity, Social, & Environmental Impacts (F)
CSS 410	Environmental Impact of Agricultural Biotechnology (S)
CSS/IARD/NTRES 696	Agroecological Perspectives for Sustainable Development (F/S)
DSOC 261	Sociology of Sustainable Development
DSOC 661	Sustainable Agriculture & Development (S)
EDUC/IARD 685	Training & Development: Theory & Practice (S)
FDSC/IARD/NTRES 480	Building Sustainable Environments & Secure Food Systems for a Modern World (S)
IARD 300	Perspectives in International Agriculture & Rural Development (F)
IARD/FDSC 402	Agriculture in the Developing Nations I (F)
NTRES 201	Environmental Conservation (S)
NTRES 322	Global Ecology & Management (S)
NTRES 410	Conservation Biology (F)
NTRES 430	Environmental & Natural Resources Policy Processes (S)
NTRES 431	Environmental Strategies (F)
NTRES 432	Human Dimensions of Natural Resource Management (S)
NTRES 434	International Conservation (S)
NTRES 618	Critical Issues in Conservation & Sustainable Development

(See College of Engineering for BEE Courses)

### College of Architecture, Art, & Planning

ARCH 306/606	Praxis: Community Design Workshop (F/S)
CRP 309/509	Community Development Seminar (S)
CRP 318/518	Politics of Community Development (S)
CRP 343/643	Affordable Housing Policy & Programs (F)
CRP 354/554	Introduction to Environmental Planning (S)
CRP 378/578	Recycling & Resource Management (S)
CRP 380	Environmental Politics (F)
CRP 384/584, LA 495	Green Cities (F)
CRP 395.03/679.03	Wilderness & Wildlands (F)
CRP 443/543	Emerging Global Environmental Trends
CRP 453/683	International Dimensions of Environmental Planning (F)
CRP 638	Planning & the Global Knowledge Economy: Sustainability Issues (S)
CRP 675	Workshop on Project Planning in Developing Countries (F)

(F) Offered in the Fall Semester (S) Offered in the Spring Semester (SS) Summer Session

## College of Arts & Sciences

ANTHR 211	Nature & Culture (S)
ANTHR 422	Anthropology & Environment (F)
BSOC/STS 206, PHIL 246	Ethics & the Environment (S)
GOVT 294	Global Thinking (S)
GOVT 339	Political Economy of Development (S)
NES/RELST 390	Catholicism & Social Justice (S)
SOC/FGSS 410	Health & Survival Inequalities (F)

## College of Engineering

BEE/ENGRD 251	Engineering for a Sustainable Society (F)
BEE 299	Sustainable Development: A Web-based Course (S)
BEE 301	Renewable Energy Systems (S)
BEE 325/625	Environmental Management (F)
BEE 478	Ecological Engineering (S)
BEE 487	Sustainable Energy Systems (S)
BEE 687	The Science & Engineering Challenges to the Development of Sustainable Bio-based Industries (F)
BEE 787	Industrial Ecology of Agriculturally Based Bioindustries (S)
CEE 454	Sustainable Small-Scale Water Supplies (F)
ECE 587, NSE/MAE 545	Energy Seminar I (F)
ECE 588, MAE 546	Energy Seminar II (S)
MAE 501	Future Energy Systems (S)

## School of Hotel Administration

HADM 452	Sustainable Development & the Global Hospitality Industry (F)
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## College of Human Ecology

DEA 422	Ecological Literacy & Design (S)
DEA 661	Environments & Health (S)

## Johnson Graduate School of Management

NBA 519	Responsible Entrepreneurship—Triple Bottom Line Management (S)
NBA 525	Social Entrepreneurship (S)
NBA 534	Project in Sustainable Global Enterprise (S)
NBA 603	Sustainable Global Enterprise (S)
NBA 642	Global Citizenship (SS)
NBA 690	Venture Development at the Base of the Pyramid (S)

## Law School

LAW 662	Law & Social Change: International Experience
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(F) Offered in the Fall Semester (S) Offered in the Spring Semester (SS) Summer Session

## Student Organizations

- **Engineers for a Sustainable World (ESW)** mobilizes Cornell engineers and other interested students to address the challenges of global poverty and sustainability. [www.rso.cornell.edu/esw](http://www.rso.cornell.edu/esw)
  - **Greens** is focused on promoting a stronger environmental ethic on campus and educating the student body about environmental and social issues. [www.rso.cornell.edu/greens/](http://www.rso.cornell.edu/greens/)
  - **JGSM Community Impact** promotes socially responsible business and builds relationships among the for-profit, non-profit, and public sectors
  - **JGSM Net Impact** is a mission-driven network of over 5,000 emerging business leaders committed to using the power of business to create a better world. [forum.johnson.cornell.edu/students/orgs/ci/ni.htm](http://forum.johnson.cornell.edu/students/orgs/ci/ni.htm)
  - **Kyoto Now!** advocates on-campus energy conservation and encourages the use of renewable energy resources to prevent future global climate change. [www.rso.cornell.edu/kyotonow/](http://www.rso.cornell.edu/kyotonow/)
  - **Microfinance Club** was formed to promote the understanding of microfinance, a powerful tool to empower the world's poorest people.
  - **Renewable Energy Society (CURES)** is a forum for students, faculty, and staff who share an interest in renewable energy. [www.rso.cornell.edu/cures](http://www.rso.cornell.edu/cures)
  - **Society for Natural Resources Conservation (SNRC)** is dedicated to protecting natural resources on campus and nationally. [www.rso.cornell.edu/snrc/](http://www.rso.cornell.edu/snrc/)
  - **Solar Decathlon** is part of an international competition to research, design, and construct a completely solar-powered home. [cusd.cornell.edu/](http://cusd.cornell.edu/)
  - **Sustainable Enterprise Association (SEA)** enables and supports students to develop the knowledge and skill set for sustainable enterprise. [www.rso.cornell.edu/sea-cornell/](http://www.rso.cornell.edu/sea-cornell/)
- ## Academic Organizations & Programs
- **Center for Advanced Human Resource Studies (CAHRS)** is the world's leading partnership between industry and academia, devoted to global human resource management. [www.ilr.cornell.edu/cahrs/about.html](http://www.ilr.cornell.edu/cahrs/about.html)
  - **Center for Sustainable Global Enterprise (CSGE)** focuses on linking the business and entrepreneurship expertise of the Johnson School with Cornell University's cutting-edge research and academic resources in science, technology, and the study of humanity. [www.johnson.cornell.edu/sge/](http://www.johnson.cornell.edu/sge/)

## Academic Organizations & Programs continued

- **Center for the Environment (CFE)** brings together research on environmental issues from Cornell's scientists and collaborating institutions to find new ways to understand and address environmental problems now and in the future. [environment.cornell.edu/](http://environment.cornell.edu/)
- **Center for the Study of Inequality (CSI)** fosters basic and applied research on social and economic inequalities, as well as the processes by which such inequalities change and persist. [www.inequality.com/](http://www.inequality.com/)
- **Collaborative Crop Research Program (CCRP)** is a competitive grants program funded by The McKnight Foundation for the purpose of increasing food security for resource-poor people in developing countries. [mcknight.ccrp.cornell.edu/about/index.html](http://mcknight.ccrp.cornell.edu/about/index.html)
- **Community and Rural Development Institute (CARDI)** works on strengthening Cornell's role as a leader in responding to current and emerging needs in community and rural development. [www.cardi.cornell.edu/](http://www.cardi.cornell.edu/)
- **Cornell Cooperate Extension** enables people to improve their lives and communities through partnerships that put experience and research knowledge to work. [www.cce.cornell.edu/](http://www.cce.cornell.edu/)
- **Cornell Food and Nutrition Policy Program (CFNPP)** conducts applied research and engages in technical cooperation and training on issues of poverty, human resource development, and food and nutrition policy in, developing countries and in transition economies of Eastern Europe. [www.cfnpp.cornell.edu/](http://www.cfnpp.cornell.edu/)
- **Cornell International Institute for Food, Agriculture, & Development (CIIFAD)**, with partners in Africa, Asia and Latin America, initiates and supports innovative programs that contribute to improved prospects for global food security, sustainable rural development and environmental conservation around the world. [ciifad.cornell.edu/](http://ciifad.cornell.edu/)
- **International Programs** of CALS provides a "platform" that facilitates and promotes involvement of CALS faculty and students in international activities in support of teaching, research, and extension. [ip.cals.cornell.edu/](http://ip.cals.cornell.edu/)
- **Mario Einaudi Center for International Studies** features various programs including the Institute for African Development, Population and Development Program, International Political Economy, Comparative Societal Analysis, and other academic and research areas. More information and links to these programs can be found at: [www.einaudi.cornell.edu/ipep/](http://www.einaudi.cornell.edu/ipep/)
- **Polson Institute for Global Development** promotes theoretical and applied research activities related to global development. [polson.cals.cornell.edu/index.cfm](http://polson.cals.cornell.edu/index.cfm)

## Non Academic and Community Programs

- **Center for Religion, Ethics and Social Policy (CRESP)** is a non-sectarian action-based educational organization functioning as an incubator for startups organizations that foster study, dialogue, and action for a just and sustainable society. A few major projects include Ecovillage, EcoPartners, and Positive News. [www.cresp.cornell.edu](http://www.cresp.cornell.edu)
- **Ecology House** is a great student community that hosts many events relating to sustainability. [housing.cornell.edu/housing\\_residential/ecology.asp](http://housing.cornell.edu/housing_residential/ecology.asp)
- **New York State Water Resources Institute** was established to promote solutions for water resource problems by engaging research, educational and outreach resources of the academic community. [wri.eas.cornell.edu/](http://wri.eas.cornell.edu/)
- **Sustainable Tompkins** is a broad-based coalition of organizations and individuals whose mission is to ensure the long-term well-being of our communities and region. [www.ithaca.edu/staff/mbrown/index.htm](http://www.ithaca.edu/staff/mbrown/index.htm)
- **Sustainable Campus** is another great source of information on campus activity. [www.sustainablecampus.cornell.edu/index.html](http://www.sustainablecampus.cornell.edu/index.html).

This guide was produced by Samantha Steinberg and Joe Sambataro as a project of the Center for Sustainable Global Enterprise in Spring 2005 with special thanks to members of the Sustainability Café and SEA.

Questions or Comments? Email [csge@johnson.cornell.edu](mailto:csge@johnson.cornell.edu).

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