Bridging Disciplines Programs allow you to earn an interdisciplinary certificate that integrates area requirements, electives, courses for your major, internships, and research experiences.

The Environment & Sustainability BDP gives you the opportunity to explore a variety of disciplinary approaches to environmental processes and contemporary environmental issues. By bringing together courses in natural sciences, social sciences, design disciplines, and the humanities, this program affords a complex understanding of how the diverse parts of the earth's environment and society interact. Designed to complement a range of majors, the Environment & Sustainability BDP prepares you to address environmental issues in careers as researchers, writers, policy makers, sustainable business leaders, and educators. Through the Connecting Experiences component of the BDP, you will have the opportunity to participate in an array of internship and research experiences related to the environment and sustainability.

The Environment & Sustainability BDP is overseen by a panel of faculty members from across campus. Members include Chris Bell (Geological Sciences), Lucy Atkinson (Advertising and Public Relations), Jay Banner (Geological Sciences), Timothy Beach (Geography and the Environment), Ken Dunton (Marine Science Institute), James Dyer (Information, Risk & Operations Management), Jules Elkins (Geography and the Environment), Matt Fajkus (Architecture), Heather Houser (English), Travis LaDuc (Integrative Biology), Des Lawler (Engineering), Mary Poteet (Integrative Biology and Geological Sciences), and Megan Raby (History).

The Bridging Disciplines Programs offer interdisciplinary certificates in the following areas:

- Children & Society
- Conflict Resolution & Peace Studies
- Design Strategies
- Digital Arts & Media
- Environment & Sustainability
- Ethics & Leadership in Business
- Ethics & Leadership in Health Care
- Ethics & Leadership in Law, Politics & Government
- Human Rights & Social Justice
- Innovation, Creativity & Entrepreneurship
- Museum Studies
- Public Policy
- Social Entrepreneurship & Non-profits
- Social Inequality, Health & Policy
- Technology & Society

Upon completion of 19 credit hours from the options listed to the right, you will earn a certificate in Environment & Sustainability.

Foundation Courses (1 Credit Hour)
Foundation courses introduce key methodologies and concepts related to the Environment & Sustainability. All students in the Environment & Sustainability BDP are required to take the Forum Seminar.

I. Forum Seminar
BDP 101: Environmental Change & Sustainability

Connecting Experiences (6-9 Credit Hours)
Your BDP advisor can help you find internships and research opportunities that connect the Environment & Sustainability to your major. We call these opportunities “Connecting Experiences” because they play such an important role in integrating your studies. Each Connecting Experience counts for 3 credit hours. You will need to complete at least two Connecting Experiences.

For more information and for examples of past connecting experiences, visit www.utexas.edu/ugs/bdp and consult your BDP advisor.

Strand Courses (9-12 Credit Hours)
In addition to your Foundation Course and Connecting Experiences, you must complete 9-12 credit hours of strand courses, to bring your total credit hours toward the BDP certificate to 19 hours. You should work with your BDP advisor to choose strand courses that will focus your BDP on your specific interests, and that will provide you with an interdisciplinary perspective on your BDP topic.

In order to create an interdisciplinary experience, you must choose courses from a variety of disciplines. Individual course listings for these categories are located on the opposite side of this page.

Integration Essay
In order to complete your BDP certificate, write a 3-4 page integration essay in which you reflect on what you learned and accomplished through your BDP experience. This essay is your opportunity to draw connections among your interdisciplinary BDP coursework, your Connecting Experiences, and your major. For additional guidelines, please consult your BDP advisor.

For more information about the Bridging Disciplines Programs, visit FAC 338, go to www.utexas.edu/ugs/bdp, or call (512) 232-7564.
Complete 9-12 credit hours of strand courses drawn from the list below. Please speak with your BDP advisor about your plan for fulfilling your strand course requirements. **Note that only one of your strand courses may come from your major department(s), or from courses cross-listed with your major department(s).** Also note that you may petition for environment-related courses not appearing on this list to be counted toward the strand course requirement; please consult your BDP advisor if you are interested in submitting a petition.

**Natural Science and Engineering**
- ARE 346N: Building Environmental Systems
- BIO 208L: Field Biology
- BIO 301L: Molecules To Organisms
- BIO 301M: Ecology, Evolution, & Society
- BIO 311C: Introductory Biology I
- BIO 311D: Introductory Biology II
- BIO 337: Renewable Rsrs: Envir/Future
- BIO 351: Economic Botany
- BIO 373: Ecology
- BIO 375: Conservation Biology
- C E 341: Intro To Environmental Engr
- C E 342: Water & Wastewtr Treatmnt Engr
- CH 304K: Chemistry In Context I
- CH 305: Chemistry In Context II
- CHE 341: Design For Environment
- CHE 379: Greenhouse Gas Control Technol
- E E 360S: Global Environmental Literature And Film
- E G 301W: Zero- Waste And Beyond (Inst Permission Required)
- E M 361S: Renewable Resource Management & Recycling
- E N 302W: Geo- Science And Sustainability (Restricted to ENS students)
- GEO 302C: Climate: Past, Present, Future
- GEO 302G: Earth Science/Sustainability
- GEO 302K: Earth In 2100-Wb
- GEO 302M: The Age Of Mammals
- GEO 303: Introduction To Geology
- GEO 303E: Earth in 2100
- GEO 341: Mineral Resources/Soc/Environ
- GEO 347G: Climate System Modeling
- GEO 371T: Decision Pathways
- GEO 476M: Aqueous Geochemistry
- M E 363M: Energy, Technology & Policy
- MNS 307: Introduction To Oceanography
- MNS 308: Humans And A Changing Ocean
- MNS 320: Marine Ecology
- MNS 354Q: Marine Environmental Science- Port Aransas

**Natural Science and Engineering, cont.**
- MNS 367K: Human Explor/Exploitatn Of Sea
- PBH 338: Environmental Health
- PGE 301: Engineering, Energy, The Envir
- TXA 365: Sustainable Fashion Textiles
- TXA 365: Sustainable Materials Textiles

**Social Science**
- ANT 324L: Archaeology Of Climate Change
- ANT 324L: Political Ecology
- ANT 324L: Environmental Anthropology
- ANT 325L: Cultures And Ecologies
- ANT 325L: Cultures Of Sustainability
- ECO 321: Public Economics
- ECO 359M: Envir & Natural Resource Economics
- GOV 355M: Environmental Politics
- GOV 365V: European Envirmnntl Politics
- GRG 331K: Nature, Society, And Adaptation
- GRG 333K: Climate Change*
- GRG 335D: Anthropocene
- GRG 336C: National Parks/Protected Areas
- GRG 339K: Envir, Development & Food Production
- GRG 340D: Polit Ecol of Global Envir Deg
- GRG 342C: Sustainable Development
- GRG 344K: Global Food, Farming, & Hunger
- GRG 356: Children’S Environmental Health
- GRG 356: Global Sustainability/Soil
- GRG 360G: Envir Geographic Info Systems
- GRG 401C: The Natural Environment
- GRG 460G: Envir Geographic Info Systems
- NTR 331: Intl Ntr: Soc/Envir Policies
- SOC 304: Envrmntl Inequality/Health
- SOC 309C: Creating Sustainable Socy
- SOC 323S: Building The Sustainable City
- SUS 379L: Directed Internships In Sus
- *GRG 333K OR ANT 324L may be counted, not both.*

**Humanities**
- AMS 311S: Environ Justice/Culture/Soc
- AMS 370: Environment/Justice/Media
- CRP 383: Resource Management And Recycling: Toward Zero- Waste And Beyond (Inst Permission Required)
- DES 322: When Topic Is Appropriate
- E 360S: Global Environmental Literature And Film
- E 360S: Sustainability & Representatin
- E 360S: Matters Of Taste: Literature, Culture, Environment
- HIS 346V: 20Th-Cen Rural Latin America
- HIS 350L: Global Environmental History

**Humanities, Cont.**
- HIS 350R: Envir History Of North America
- MAS 350E: The Environment And Mexican America
- P A 159R: UT Energy Symposium
- RHE 309K: Rhetoric Of Sustainability

**Business, Communication, and Education**
- ADV 323: Public Comm Of Sci Tech-Wb
- ADV 324: Communicating Sustainability
- BGS 370: Energy Technology And Policy

**Architecture and Fine Arts**
- ARC 327G: Regenerative Architecture
- ARC 327R: Light And Sustainable Design
- ARC 327R: Sustainability: Why This Way
- ARC 334L: Environmental Controls II
- ARC 350R: Energy Modeling & Design Proc
- ARC 350R: Environmental Readings
- ARC 350R: Smart, Green And Just-Eng
- ARC 358R: Smart, Green and Just-ENG
- T D 354T: Zero Waste Design Fab

**International**
- GRG 323K: South Amer: Nat/Socty/Sust-ECU (Maymester)
- GRG 356T: Envir-Cul Dynamics-BWA

**Important Notes on Fulfilling Your BDP Requirements**

**PREREQUISITES:** Some courses may have prerequisites. Please consult your BDP advisor to determine your eligibility for enrolling in specific courses.

**CROSS-LISTINGS:** Note that many courses on this list may be cross-listed with other departments. You may take these courses under any of the cross-listed numbers. Please consult the course schedule or your BDP advisor for cross-listing information.

**GRADES AND GPA REQUIREMENTS:** In courses taken for a letter grade, you must obtain a grade of C- or better to meet BDP requirements. The cumulative GPA of all courses counting toward your BDP certificate must be at least 2.0.

**PASS/FAIL:** Only one BDP course, including connecting experience courses, may be taken pass/fail. Any exceptions will be considered by the faculty panel on an individual basis.

**SIGNATURE COURSES:** Many of the First-Year Signature Courses (UGS 302 and UGS 303) that include significant content related to the Environment & Sustainability may also count toward your certificate; please consult your BDP advisor for more information.

**PETITIONS:** You may be able to count courses toward your BDP certificate that do not appear on this curriculum sheet, if enough of the course content relates to your BDP topic. Please consult your BDP advisor if you would like to petition for a course to count toward your BDP.

**UPPER-DIVISION COURSEWORK:** At least 9 credit hours of your 19-hour BDP certificate must come from upper-division coursework. Please consult your BDP advisor to ensure that your course and Connecting Experience selections will meet this requirement.

(Updated: August 2019)