












**ENVIRONMENTAL SCIENCE  
CLIMATE CHANGE B.S.  
COMBINED MAJOR/MINOR**

**+GLOBAL DISTINCTION**

**MAJOR ACADEMIC PLAN (MAP)**

**Sample Progression Plan**

<p><b>Fall Semester 1</b> AMAT 112 or 118 <b>MS</b> ACHM 120 or TCHM 130 <b>NS</b> ACHM 124 ABIO 130 (formerly 121) <b>Foreign Language FL</b>  (You can start FL study in your 2<sup>nd</sup> year instead.)</p>	<p><b>Spring Semester 1</b> ACHM 121 ACHM 125 ABIO 131 (formerly 120) AENV 105 and 106 UUNI 110 <b>WCI</b> <b>Foreign Language</b> </p>	<p><b>Summer 1</b> Consider coursework  Look for a summer job in the area of your studies</p>
<p><b>Fall Semester 2</b> APHY 140 or PHY 141 AGEO 221 ABIO 201 Gen Ed <b>US</b> <b>Foreign Language</b> </p>	<p><b>Spring Semester 2</b> AATM 210 ABIO 202Z AENV 315 (Or Fall semester 3) <b>AArh 171 AR IP</b>  (<b>Culture</b>) <b>Foreign Language</b> </p>	<p><b>Summer 2</b> Consider study abroad options  Look for shadowing opportunities</p>
<p><b>Fall Semester 3</b> ABIO 330** AENV 302 AATM 306 <b>AHis 158 CH IP</b>  (<b>Transnational</b>) Elective (more language?)</p>	<p><b>Spring Semester 3</b> <b>Study Abroad!</b>  <b>IP</b> Specialization elective Specialization elective Gen Ed <b>HU</b> 2 Electives (language/culture area courses?)  <i>Study abroad in any semester or even for 1 year, with the approval of your Major and GD academic advisors.</i></p>	<p><b>Summer 3</b> <b>Intern/Research Abroad!</b>  <b>IP</b> (8-10 weeks) May earn credit for AEnv 496, 497 or 498. <i>Pro Tip: Why not declare the International Studies Minor to formally reflect study and interning abroad or add a Language Minor?</i></p>
<p><b>Fall Semester 4</b> AATM 405 AENV 450* <b>AAnt 418</b>  (<b>Development option</b>) as Specialization elective Elective (more language?) Gen Ed <b>SS</b></p>	<p><b>Spring Semester 4</b> AENV 490  (<b>globally-oriented capstone project, if Major requires a research seminar/paper</b>) AENV 327 AENV 415* <b>HSph 321</b>  (<b>Development option</b>) as Specialization elective Elective (more language?)</p>	<p><b>Congratulations!</b>  You have earned UAlbany's <b>Global Distinction!</b></p>

**Notes:** \*AENV 415 and AENV 450 are offered every other academic year, so they should be taken in year 3 or year 4

\*\* Students should receive a permission number from the Atmos/Env Department office in order to take ABIO 330

**General Education Requirements, for students matriculating Fall 2014 and after:**

<b>MS</b> Mathematics and Statistics	<b>SS</b> Social Sciences
<b>WCI</b> Writing and Critical Inquiry	<b>IP</b> International Perspectives
<b>AR</b> Arts	<b>US</b> U.S. Historical Perspectives
<b>HU</b> Humanities	<b>CH</b> Challenges for the 21 <sup>st</sup> Century
<b>NS</b> Natural Sciences	<b>FL</b> Foreign Language ( <i>one semester of collegiate study, or the equivalent, of a foreign language</i> )

**Credit bearing Professional Development Options:**

- RSSW 290, 291 and 390 – Community Service
- Research within major University
- Internship Departmental Internship
- Community Engaged Coursework
- Study Abroad
- Tutoring opportunities

NOTE: This is a suggested course sequence.

**Global Distinction (GD) Course Categories:**



UAlbany Gen Ed or Major requirement AND counts towards the GD (Global Distinction)!



Counts towards the GD AND your Electives AND may also count towards your Major, Minor or Gen Ed Requirements!

\*See the back of this sheet for more information about the Global Distinction.

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## What the Global Distinction Program can do for you!

Global Distinction is a new University at Albany Milestone (appearing on the bottom of your official transcript upon completion) conferred upon students who complete a structured set of life-changing, international academic experiences that produce a globally competent graduate. Today's employers and graduate school programs seek students who have the right balance of disciplinary knowledge and real-world problem-solving skills. In today's highly globalized society, scientists, artists, employees, and small business owners all need to master inter-cultural communication skills. Global Distinction meets that need through

- 2 years (4 semesters) of **foreign language** acquisition or the equivalent in proficiency
- **Interdisciplinary, globally-oriented coursework**, including 1 course that includes a focus on
  - Culture-Area Studies or Inter-Cultural Competency (**Culture**)
  - International Development or Economics (**Development**)
  - International Relations, Migration, or Human Rights (**Transnational**)
  - a Capstone Research Project that is approached with a global lens (if your Major requires a research seminar/paper)
- **International immersion** via a **study abroad** semester and an 8-10 week summer **internship/research** opportunity

## You can graduate on time!

With the guidance of your academic advisors for your Major, Minor and the Global Distinction (GAP Director Dr. Annette Richie; email [arichie@albany.edu](mailto:arichie@albany.edu) for an appointment), you will find your "best fit" university for your study abroad semester and your summer internship or lab research placement. The "extra" language and interdisciplinary, globally-oriented coursework can be completed at UAlbany or abroad, or applied from your Transfer, Advanced Placement, and University in the High School courses. *Culture, Development* and *Transnational* courses can be found in various Majors and Minors and many fulfill Gen Ed requirements.

## The GD program is within your financial reach!

You can use financial aid and most UAlbany scholarships for studying and interning abroad as you are earning UAlbany credit! Global Distinction participants will be eligible for a **Flight Voucher** to apply towards studying, interning, or researching abroad.

Global Academic Programs offers its own **scholarships**, including the World Within Reach Scholarship Fund and The Joan N. Savitt Scholarship for Study Abroad. Learn more at <http://www.albany.edu/studyabroad/scholarships-grants.php>. Jacqueline Ledermann, GAP Assistant Director, advises on external scholarship applications, such as the NSEP Boren Scholarship, the Benjamin A. Gilman International Scholarship, and the Critical Language Scholarship. Some nations and overseas universities that we partner with also offer their own scholarships. Amounts and eligibility criteria vary.

## Study abroad in your Major at these UAlbany partner universities (these are just a few examples)!

(The B.S. in Environmental Science Climate Change includes coursework in Atmospheric Sciences, Biology, Chemistry, Environmental Studies, Geography, Math, and Physics, and can incorporate courses in Political Science, Public Health, and Public Administration. The universities below offer courses/research in Atmospheric Science, Earth Science, Environmental Science, and/or Sustainability.)

**Australia:** University of Notre Dame of Australia (Freemantle and Sydney); University of Wollongong (Wollongong)

**China:** Beijing Normal University (Beijing); Fudan University (Shanghai); Peking University (Beijing); Sichuan University (Chengdu)

**Denmark:** Aarhus University (Aarhus); Study Abroad in Scandinavia (DIS Copenhagen)

**Finland:** Abo Akademi University (Abo-Turku and Vaasa); Oulu University (Oulu); University of Helsinki (Helsinki)

**France:** University of Grenoble-Alpes (Grenoble)

**Germany:** German Universities of Applied Sciences 7 (Cologne, Muenster, and Osnabruck)

**India:** Symbiosis University (Pune)

**Ireland:** National University of Ireland, Galway

**Israel:** Ben-Gurion University of the Negev (Beer Sheeva); Technion Institute of Technology (Haifa); Tel Aviv University (Tel Aviv); The Hebrew University of Jerusalem (Jerusalem)

**Korea:** Yonsei University (Seoul)

**Norway:** University of Bergen (Bergen)

**South Africa:** University of Cape Town (Cape Town)

**Sweden:** Gothenburg University (Gothenburg); Study Abroad in Scandinavia (DIS Stockholm)

**Taiwan:** National Taiwan University (Taipei City); National Central University (Taoyuan)

**Trinidad and Tobago:** University of the West Indies, St Augustine

**United Kingdom:** Northumbria University (Newcastle upon Tyne, England); University of Aberdeen (Aberdeen, Scotland); University of Glasgow (Glasgow, Scotland); University of Nottingham (Nottingham, England)

## Short Term Experiential Education Options

**Costa Rica:** (Faculty Led) Comparative Health Systems, Universal Health Care (San Jose)

**Dominican Republic:** (Faculty Led) Comparative Health Systems (El Seibo)

**India:** Global Citizens for Sustainable Development (Bangalore and Delhi; 8 week option qualifies as Global Distinction internship)

**Italy:** (Faculty Led) Connecting Cities, Culture, and Health (Florence)

**Japan:** (Faculty Led) Fukushima Ambassador Program: Crises, Health, and Recovery (Fukushima Prefecture)

**Taiwan:** PIRE Research Project and Cultural Engagement Program (Taipei City; may qualify as Global Distinction internship)