












# CHEMISTRY B.S. CHEMISTRY EMPHASIS

## +GLOBAL DISTINCTION

### MAJOR ACADEMIC PLAN (MAP)

#### Sample Progression Plan

<p><b>Fall Semester 1</b> AChm 120, AChm 130, or TChm 130 <b>NS</b> AChm 124 APhy 140/or TPhy 141 APhy 145 AMat 111, 112, or 118 <b>MS</b> Humanities Gen Ed <b>HU</b></p>	<p><b>Spring Semester 1</b> AChm 121, AChm 131, or TChm 131 AChm 125 APhy 150 or TPhy 151 APhy 155 AMat 113 or 119 UUni 110 <b>WCI</b></p>	<p><b>Summer 1</b> <i>Consider coursework</i>  <i>Look for a summer job in the area of your studies</i></p>
<p><b>Fall Semester 2</b> AChm 220 AChm 222 AMat 214 APhy 240/241 <i>AHis 158 CH IP</i>  <i>(Transnational)</i> <i>Foreign Language FL</i>  <i>You can start FL study in your 1<sup>st</sup> year instead.</i></p>	<p><b>Spring Semester 2</b> AChm 221 AChm 223 AChm 226 AChm 227 AChm 354 or Elective <i>Foreign Language</i> </p>	<p><b>Summer 2</b> <i>Consider study abroad options</i></p>
<p><b>Fall Semester 3</b> AChm 350 AChm 352Z <i>AARH 170 AR IP</i>  <i>(Culture option)</i> <i>AANT 108 SS</i>  <i>(Culture option)</i> <i>Foreign Language</i> </p>	<p><b>Spring Semester 3</b> <i>Study Abroad!</i>  <b>IP</b> Adv Chm elective – consider research Adv Chm lab (344, 426, or 429/431) or AChm 417 Elective (culture area course?) <i>Foreign Language</i>  <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> <i>Intern/Research Abroad!</i>  <b>IP</b> (8-10 weeks) May earn AChm Supervised Research or Lab(s) credits <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> AChm 420 AChm 342 or 442 <i>ABio 311/AGog/UUni 310 or AANT 119 NS IP</i>  <i>(Development)</i> US Historical Perspectives Gen <b>US</b> Prof Development/Elective (more language?)</p>	<p><b>Spring Semester 4</b> AChm 351 AChm 417 or Adv Chm lab (344, 426, or 429/431)  <b>(globally-oriented capstone project</b>, if required for the Major or Honors, can be any class with a research paper, such as AChm 426) Elective or ADV Chm elective Prof Development/Elective (more language?) Elective</p>	<p><b>Congratulations!</b>  <i>You have earned UAlbany's Global Distinction!</i></p>

#### 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.

Prepared by CIEGS – 2018

## 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 graduation) 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)!

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

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

**Denmark:** Aarhus University (Aarhus)

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

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

**Germany:** German Universities of Applied Sciences (UAS7, Bremen, Muenster); Wuerzburg University (Wuerzburg)

**India:** Symbiosis University (Pune)

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

**Japan:** Tohoku University (Sendai City)

**Kenya:** United States International University (Nairobi)

**Korea:** Hallym University (Chuncheon); Yonsei University (Seoul); Sookmyung Women's University (Seoul)

**Netherlands:** Radboud University (Nijmegen)

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

**Sweden:** Gothenburg University (Gothenburg)

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

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

**United Kingdom:** University of Aberdeen (Aberdeen, Scotland); University of Hull (Hull, England); University of Glasgow (Glasgow, Scotland); University of Nottingham (Nottingham, England)