












MATHEMATICS B.S.

+GLOBAL DISTINCTION

MAJOR ACADEMIC PLAN (MAP)

Sample Progression Plan

<p>Fall Semester 1 AMat 112 MS Natural Science Gen Ed NS <i>AHis 158 CH IP</i>  (<i>Transnational</i>) Elective <i>Foreign Language FL</i>  <i>You can start FL study in your 2nd year instead.</i></p>	<p>Spring Semester 1 AMat 113 Humanities Gen Ed HU US Historical Perspectives Gen Ed US UUni 110 WCI <i>Foreign Language</i> </p>	<p>Summer 1 <i>Consider coursework</i> <i>Look for a summer job in the area of your studies</i></p>
<p>Fall Semester 2 AMat 214 AMat 299 and UUni 299 or <i>AArh 170 AR IP</i>  <i>(Culture)</i> ICsi 101 or 201 Elective <i>Foreign Language</i> </p>	<p>Spring Semester 2 AMat 220 AMat 299 and UUni 299 or <i>AArh 171 AR IP</i>  <i>(Culture)</i> ICsi 203, 204, 205, or 310 Approved Minor Course (Minor in Atm, Bio, Bus, Chm, Csi, Eco, Inf, or Phy) <i>Foreign Language</i> </p>	<p>Summer 2 <i>Consider study abroad options</i></p>
<p>Fall Semester 3 AMat area 1 course AMat area 2 course Approved Minor Course <i>ALcs 359 CH SS</i>  (<i>Development</i>) Elective (more language?)</p>	<p>Spring Semester 3 <i>Study Abroad!</i>  IP AMat Elective AMat elective Approved Minor Course Elective (more language?) Elective (culture area course?) <i>Study abroad in any semester or even for 1 year, with the approval of your Major and GD academic advisors.</i></p>	<p>Summer 3 <i>Intern/Research Abroad!</i>  IP (8-10 weeks) <i>May earn credit for AMat Independent Study</i> <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>Fall Semester 4 AMat area 1 course AMat area 2 course Approved Minor Course Approved Minor Course Prof Development/Elective (more language?)</p>	<p>Spring Semester 4 AMat elective  <i>(globally-oriented capstone project, if required for the Major or Honors. Any upper-level course in Major with a research paper, such as AMat 482)</i> Approved Minor Course Elective (more language?) Prof Development/Elective</p>	<p>Congratulations! <i>You have earned UAlbany's Global Distinction!</i></p>

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

MS Mathematics and Statistics	SS Social Sciences
WCI Writing and Critical Inquiry	IP International Perspectives
AR Arts	US U.S. Historical Perspectives
HU Humanities	CH Challenges for the 21 st Century
NS Natural Sciences	FL 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 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
- **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 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 of Australia (Freemantle, Sydney); University of Wollongong (Wollongong)

China: Beijing Normal University (Beijing); 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: Germany University of Applied Sciences 7 (UAS7, Munich); Wuerzburg University (Wuerzburg)

India: Symbiosis University (Pune)

Ireland: National University of Ireland, Galway

Israel: Technion Institute of Technology (Haifa)

Japan: Waseda University (Tokyo)

Kenya: United States International University (Nairobi)

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

Luxembourg: University of Luxembourg (Luxembourg)

Netherlands: Radboud University (Nijmegen)

Norway: University of Bergen (Bergen)

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: Swansea University (Swansea, Wales); University of Aberdeen (Aberdeen, Scotland); University of Glasgow (Glasgow, Scotland); University of Hull (Hull, England); University of Nottingham (Nottingham, England)