



AGREEMENT OF DUAL DIPLOMA PROGRAM

in

ATMOSPHERIC SCIENCE

between the

UNIVERSITY AT ALBANY, STATE UNIVERSITY OF NEW YORK

and

NATIONAL TAIWAN UNIVERSITY



WHEREAS, National Taiwan University, (hereinafter “NTU”), with offices at 1, Sec. 4, Roosevelt Road, Taipei, 10617 Taiwan (ROC), offers a degree in atmospheric science through its Department of Atmospheric Sciences (See NTU’s profile, attached hereto and made a part hereof as Exhibit A); and

WHEREAS, the University at Albany (hereinafter “UAlbany”), with offices at 1400 Washington Avenue, Albany, New York 12222, USA, offers a degree in Atmospheric Science through its Department of Atmospheric and Environmental Science (See UAlbany’s profile, attached hereto and made a part hereof as Exhibit B); and

WHEREAS, NTU and UAlbany jointly and cooperatively want to create an innovative interdisciplinary dual diploma program, drawing on the strengths of each University, so to assist NTU in expanding its capacity to offer another atmospheric science based academic degree program to its students, and so to assist UAlbany in enriching its campus with further global diversity; and

WHEREAS, this dual diploma program will be offered to students from NTU interested in a dual degree of Atmospheric Science, with such students pursuing their education at NTU for the first two years of study, and then matriculating to UAlbany for the final two years of study (See Program Summary, attached hereto and made a part hereof as Exhibit D); and

NOW, therefore, this Agreement of Dual Diploma Program in Atmospheric Science (hereinafter “Agreement”) establishes the terms under which students may earn the dual diplomas from both NTU and UAlbany.

Degrees Awarded:

- 1) NTU and UAlbany will each award its respective degree to the students graduating from this dual diploma program, NTU in Atmospheric Science and UAlbany in Atmospheric Science. The degrees shall be awarded in accordance with graduation policies and customs of each respective institution, but since the combined academic work at each institution satisfies all the degree requirements for each of the institutions, the degrees shall be awarded at the completion of the four (4) year program.

Admissions, including English Proficiency:

- 1) The dual diploma program as set forth in this Agreement is open to NTU students who will be entering NTU as freshmen, and to NTU students who have completed the requisite academic work at NTU per the parameters of the dual diploma program as set forth on Exhibit D, attached hereto and made a part hereof.
- 2) NTU shall be responsible for the selection of students to be enrolled in this dual diploma program in accordance with its admission standards, and UAlbany's admission standards, as set forth in Exhibit C, attached hereto and made a part hereof.
- 3) To maintain academic standing in the dual diploma program, all students shall take the requisite courses as set forth in Exhibit D, attached hereto and made a part hereof, and maintain the requisite grades and grade point averages as set forth in the policies of each institution as required of all matriculating students of such institution, and as set forth in Exhibit C, attached hereto and made a part hereof.
- 4) To matriculate to UAlbany, a student must pass all English proficiency examinations required by the UAlbany, namely obtaining the minimum TOEFL or IELTS score required by the UAlbany in its admissions, or such equivalency that meets such standards in the discretion of UAlbany, as set forth in Exhibit C, as attached hereto and made a part hereof.
- 5) Upon completion of the requisite academic work, the students shall matriculate to UAlbany. All matriculation confirmation letters shall be sent by UAlbany to the students directly and to the NTU dual diploma program coordinator. As set forth on Exhibit C, as attached hereto and made a part hereof, the matriculation GPA required is 2.5 GPA or equivalent.

Number of Students Accepted:

- 1) No more than twenty (20) students from NTU shall be accepted for any given academic year at the UAlbany, unless otherwise agreed to mutually in writing by NTU and UAlbany.

Appointment of Dual Diploma Program Coordinators:

- 1) Each institution shall appoint a high level administrator, as well as a faculty or staff person, to coordinate and oversee the dual diploma program for the respective institution. The coordinators will plan and implement the curriculum each year, oversee the academic advising of students, monitor the progress of students, and cooperate and collaborate with each other when problems or issues arise. The coordinators will communicate with one another regularly to be sure that the dual diploma program is organized and administered in such a way that students can meet the requirements efficiently. Long distance advising, principally through electronic communication, will take place to facilitate the students' transitions between the two institutions.

Administrative Procedures:

- 1) NTU and UAlbany shall establish administrative procedures to facilitate the coordination of all aspects of the dual diploma program. Administrative support shall be put in place within both institutions to facilitate that all arrangements are in place for a smooth transfer of students, including, but not limited to, academic advising, visas, housing, and general campus orientation for the students upon their arrival. On campus housing for students is not guaranteed by either institution; both institutions will assist students in finding housing.

Tuition and Fees:

- 1) Each student must successfully meet the financial requirements and guarantees required of international students by Federal and New York State Law, and State University of New York policy in order to study at the UAlbany.
- 2) All tuition, room board and other fees charged by NTU for enrollment and attendance at NTU shall be paid directly to NTU by the students. All tuition, room, board and other fees charged by UAlbany for enrollment and attendance at UAlbany shall be paid directly to UAlbany by the students. The setting, billing, collection and refund of tuition, room, board and other fees, including all applicable policies governing of such tuition, room, board and other fees, are in the exclusive control of each institution respectively, and students shall be bound by such while enrolled and attending the particular institution.
- 3) Students shall also be responsible for paying all other costs of attendance at NTU and UAlbany, including, but not limited to, travel, visas, passports, books, computers, supplies, medical insurance and treatment, vaccinations, personal expenses, and any other expense(s) incurred by the students to participate in this dual diploma program.
- 4) No monetary consideration will be exchanged between the two institutions, nor there be any indemnities, reimbursements for expenses, or sharing of fees or profits arising from the dual diploma program, except as provided for specifically in this Agreement or any amendments thereto.

Student Visas:

- 1) UAlbany will assist students in obtaining visas and other documents required by current U.S. entry and visa requirements. Students are responsible for providing UAlbany with all necessary information and documentation to obtain such student visas and documentation. Enrolled students remain responsible, at all times, for maintaining appropriate immigrant status with UAlbany.

Student Health Insurance:

- 1) Students attending UAlbany shall be required to enroll in the mandatory health insurance program of the State University of New York at their expense. Students will have access to all student health services, including, but not limited to, the Student Health Services Center and the Counseling Center.

University Policies and Regulations:

- 1) Students while enrolled at NTU are National Taiwan University students, not UAlbany students, and therefore the students are subject to all NTU regulations and policies, including, but not limited to policies on academic standing and student conduct, as amended from time to time. Any student discipline, including suspension or termination of a student from NTU, shall be at the discretion of NTU in accordance with its student policies and procedures. However, NTU shall notify UAlbany of the discipline; UAlbany, in its sole discretion, may deny or revoke a student's admission/transfer to study at UAlbany based upon the discipline or it may, in its sole discretion, place certain academic and behavioral conditions upon the student for admission/transfer to study at UAlbany.
- 2) Students while enrolled at NTU are National Taiwan University students, subject to all the rights and privileges of such students, including access to academic buildings, libraries, labs, student organizations and clubs, sports facilities, and other services offered to NTU students.
- 3) Students while enrolled at UAlbany are UAlbany students, and therefore the students are subject to all UAlbany regulations and policies, including, but not limited to policies on academic standing and student conduct, as amended from time to time. Any student discipline, including suspension or termination of a student from UAlbany, shall be at the discretion of UAlbany in accordance with its student policies and procedures. However, UAlbany shall notify NTU of the discipline; NTU, in its sole discretion, may deny or revoke a student's admission/transfer to study at NTU based upon the discipline or it may, in its sole discretion, place certain academic and behavioral conditions upon the student for admission/transfer to study at NTU.
- 4) Students while enrolled at UAlbany are UAlbany students, subject to all the rights and privileges of such students, including access to academic buildings, libraries, labs, student organizations and clubs, sports facilities, and other services offered to UAlbany students.

Evaluation of Dual diploma program:

- 1) NTU and UAlbany will establish a protocol to evaluate the dual diploma program on an annual basis. Both NTU and UAlbany agree to work collegially to identify solutions to programmatic and process problems, and to make improvements to insure that they cooperatively offer efficient and quality program to students.

Cooperative Marketing of the Dual diploma program:

- 1) NTU and UAlbany shall work together to create a cooperative marketing campaign with joint marketing materials, including, but not limited to, brochures and website links, and to organize events, including but not limited to, open houses for students and parents to assist in the recruitment of students to this dual diploma program.
- 2) In creating and carrying out the cooperative marketing as set forth in the paragraph above, neither party shall identify the other in any marketing, advertising or other promotional materials to be disseminated to the public or to use the name of either party's trademark, service mark, symbol, nickname or logo of either party, without the prior written consent of the other party's authorized representative or agent, except to identify the existence of this Agreement and the nature of the cooperative relationship between NTU and UAlbany in offering this dual diploma program.

FERPA and Educational Records:

- 1) While students are enrolled at each respective institution, each institution shall have the obligation of notifying the students currently studying on its campus, that the institutions are cooperating in the coordination of all aspects of the dual diploma program, including, but not limited to, the awarding the dual degree, the planning of the curriculum, the academic advisement of students, the orientation of students, the tracking of students' successes and problems, and the evaluation of the dual diploma program, and that such cooperation in the offering and administration of a dual diploma program will require the exchange of certain student information from their educational records by and between NTU and UAlbany. Before such records are released and/or shared, that institution shall obtain permission for such release and sharing from each student, as is required by FERPA, the Family Educational Rights and Privacy Act of 1974, as amended.

Liability of Each Educational Institution:

- 1) Neither NTU nor UAlbany shall be responsible for the acts of the other or for the acts of any student participating in this program.
- 2) NTU agrees to indemnify and hold harmless UAlbany from any and all claims by students, their parents, survivors, heirs, executors, administrators, agents or assigns, arising from any negligent acts or omission on the part of NTU, its officers, employees, agents and/or servants.

- 3) Notwithstanding anything to the contrary in this agreement, and in accordance with the provisions of the New York State Court of Claims Act and decisions thereunder, UAlbany, to the fullest extent authorized thereby, shall be responsible for any liability, claim, loss, damage, suit or judgment (and any and all costs and expenses, including, but not limited to, reasonable counsel fees and disbursements if assessed by a court of competent jurisdiction) arising directly from the acts of the UAlbany, its officers or employees acting within the scope of their employment. UAlbany's obligations with respect to claims for any such damage or injury is limited only to the availability of lawful appropriations therefor as provided under section 41 of the State Finance Law, and subject to a determination of liability pursuant to the provisions of the New York State Court of Claims Act.

Force Majeure:

- 1) In the event that the performance of the obligations under this Agreement is prevented by reasons of Force Majeure, the parties are released from their obligations and neither party shall be responsible for any damages sustained and shall have no further recourse against the other party. Force Majeure shall mean fire, earthquake, hurricane, flood, act of God, natural disasters, epidemic, pandemics, nuclear explosions, strikes, work stoppages, or other labor disturbances, riots or civil commotions, war or other act of any foreign nation, terrorism, power of government, or governmental agency or authority, or any other cause or like or unlike any cause mentioned which is beyond the control of the parties.

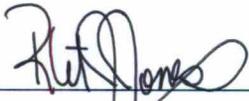
Term and Termination of this Agreement:

- 1) This agreement of Cooperation and Exchange shall be in effect for the period of June 1, 2015 through May 31, 2020, and may be or extended in writing upon mutual agreement of both parties for additional five (5) year terms.
- 2) This Agreement may only be amended upon mutual consent of both parties, in writing and signed by both parties.
- 3) Either party may terminate this agreement at any time with or without cause upon thirty (30) days written notice to the other party. Students currently then accepted to or enrolled in the dual diploma program shall be allowed to complete the program for the award of the dual degree.

General Anti-Discrimination Provision:

- 1) Both institutions shall offer all students enrolled in this dual diploma program full access to any activity sanctioned by this Agreement without regard to race, color, sex, religion, age, disability, marital status, sexual orientation or national origin.

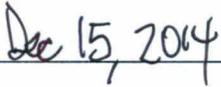
IN WITNESS WHEREOF, the parties hereby execute this Agreement by their respective authorized signatories on the day and year as stated below to bind themselves to this Agreement.



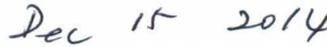
Dr. Robert J. Jones
President, University at Albany



Dr. Pan-Chyr Yang
President, National Taiwan University



Date



Date

EXHIBIT A

PROFILE

NATIONAL TAIWAN UNIVERSITY

NTU's institutional predecessor was Taihoku Imperial University, founded in 1928 by the Japanese colonial administration. The first president was Shidehara Tan Tairaka Hiroshi. In 1945, the Republic of China won the war of resistance against Japan, and Taiwan was handed over to the Nationalist government of China. On November 15 of that year, Taihoku Imperial University was formally transferred to Chinese administration and renamed as National Taiwan University, with Dr. Tsung-lo Lo appointed as the first President.

During the Japanese occupation, the University consisted of two academic divisions: the Literature and Politics division and the Science and Agriculture division, with about 60 students enrolled each semester. The Medical division was added in 1936, followed by the Engineering division in 1943. Additionally, the University included the affiliated Agriculture and Forestry division, the affiliated Medical special division, a Tropical Medicine research institute and a preparatory school. Also, in 1943 the Southern Humanities research institute and the Southern Resource research institute were added. At that time, each division operated according to the lecture system, with a full-time Professor in charge of a faculty of associate professors, lecturers, teaching assistants and staff. These divisions and institutes were financially independent and had their own libraries. By 1945, the university expanded to five divisions, including Literature and Politics, Science, Agriculture, Medicine and Engineering, with a total enrollment of 382 students.

After restructuring in accordance with the ROC academic system in 1945, the university's academic departments were established and the former divisions were renamed Colleges. The Literature and Politics division was divided into the College of Liberal Arts and the College of Law. Additionally, colleges of Science, Medicine, Engineering and Agriculture were established. Initially, there were six colleges with 22 departments. In 1945, student enrollment was 585. In the following years, the departments and colleges expanded in faculty and hardware in step with growing budgets and rising social expectations. In 1960, the night school was initiated on a trial basis, and in 1967 a new night school was established. In 1987, the College of Management was established, followed by the College of Public Health in 1993 and the College of Electrical Engineering in 1997. The College of Electrical Engineering was later rechristened the College of Atmospheric Science and Electrical Engineering; in 1999, the College of Law was renamed the College of Social Sciences, and the Night Division and the Center for Continuing Education were combined to form the School for Professional and Continuing Studies. In 2002, the College of Agriculture was renamed the College of Bio-resources and Agriculture, and in 2002 a College of Life Sciences was added. Now, the university has

11 colleges, with 54 departments and 103 graduate institutes, plus four university-level research centers: Population and Gender Studies Center, Center for Condensed Matter Sciences, Center for Biotechnology, and Bio-diversity Research Center. The total number of students, including those enrolled at the School of Professional and Continuing Studies, has grown to over 32,000, including over 17,000 university students and 15,000 graduate students. Now, the number of graduate students at NTU almost equals the number of university students, which indicates that NTU has successfully been transformed into a research university.

EXHIBIT B

PROFILE

THE UNIVERSITY AT ALBANY

Strategically located in the state capital of New York, the University at Albany is an internationally recognized public research institution that brings "The World Within Reach" to nearly 18,000 students at the graduate and undergraduate levels. The varied perspectives and life experiences of a student body and faculty that represent more than 100 nations provide a diversity that enriches learning.

Academic Programs

Students may choose a major or minor in nearly 120 undergraduate and over 140 graduate degree programs. UAlbany has nine Schools and Colleges: College of Arts and Sciences, School of Business, School of Education, College of Computing and Information, College of Nanoscale Science and Engineering, Rockefeller College of Public Affairs & Policy, School of Criminal Justice, School of Social Welfare, and School of Public Health.

Excellence at a Great Value

Kiplinger's Personal Finance in 2011 ranks the University at Albany as one of the nation's top colleges for excellence in academics and affordability, and *Forbes* magazine placed UAlbany in the top 100 in its most recent ranking of "America's Best Public Colleges." The College of Nanoscale Science and Engineering is ranked number one in the world. *U.S. News & World Report* ranks UAlbany graduate programs in criminal justice, information technology and public administration among the top 10 in the nation. Other nationally ranked programs include social welfare, education and sociology.

Life-Enhancing Research and Scholarship

In every area of study, students are instructed by faculty who are world-class scholars and teachers - many actively engaged in life-enhancing research that contributes profoundly to the public good. As mentors, they provide numerous research opportunities for students at both the undergraduate and graduate levels, and inspire students to advance their skills and aspirations.

More Than 500 Ways to Study Abroad

UAlbany students take advantage of more than 500 study abroad programs available through the University at Albany and SUNY networks. These are valuable opportunities for young scholars to enhance their education, increase independence and self-awareness, and build résumés that include invaluable international experience to deal with today's global marketplace.

Alumni

UAlbany's nearly 155,000 alumni are achieving success around the globe. They are leaders in education, business, government, scientific research and more.

Strategic Location

The University's location in the state capital of New York drives many of its distinctive academic strengths and offers students exceptional ways to engage with the world around them and serve the public good. Through a broad range of opportunities for student internships and public service, students gain experience, test their skills, and prepare to launch brilliant careers.

EXHIBIT C

Admission, Matriculation and General Institutional Requirements

Admission to National Taiwan University

1. Students accepted into the National Taiwan University-UAlbany dual diploma program will be expected to satisfy the admissions criteria of both institutions.
2. National Taiwan University and UAlbany agree that all National Taiwan University students are eligible to apply for this dual diploma program.

Matriculation to the University at Albany from National Taiwan University

1. Students accepted into the National Taiwan University-UAlbany dual diploma program will be expected to satisfy the admissions criteria of both institutions.
2. For this dual diploma program, UAlbany requires a minimum 2.5 GPA, or equivalent.
3. A TOEFL score of 79 (IBT) or 213 (Computer-based) is required of all international students to study at UAlbany. An IELTS band score of 6.0 is also accepted by UAlbany.
4. Applicants must successfully meet the financial requirements and guarantees required of international students to study at UAlbany.
5. Additional curriculum, policies and academic requirements appear in the University at Albany Undergraduate Bulletin (http://www.albany.edu/undergraduate_bulletin/). Students are expected to abide by the laws of the United States of America, the State of New York, and all other governmental laws, rules and regulations. Students are also expected to abide by all regulations, rules and policies of the State University of New York and UAlbany, including, but not limited to Community Rights and Responsibilities, UAlbany's student conduct code (www.albany.edu/studentconduct/introduction.shtml). Matriculated students should be familiar with these regulations, rules and policies.

EXHIBIT D

PROGRAM SUMMARY

National Taiwan University and the University at Albany

This is a summary of the agreement between National Taiwan University and the University at Albany for a Bachelor of Science Degree in Atmospheric Science from National Taiwan University and a Bachelor of Science Degree in Atmospheric Science from the University at Albany.

Program Description

The proposed program is a dual diploma program. At the end of the program of study, students will receive both the Bachelor of Science Degree in Atmospheric Science from National Taiwan University and the Bachelor of Science Degree in Atmospheric Science from the University at Albany. Students will initially study at National Taiwan University, and then complete their final two years at the University at Albany.

Program Equivalences and Requirements

Since this is a dual diploma program, students must satisfy the requirements of both institutions, both overall and for the respective degree programs. The next sections lay out the various requirements and how they will be fulfilled.

UALBANY TRANSFER COURSE EQUIVALENCY TABLE

| National Taiwan University (NTU) – Atmospheric Science Program | | | | | University at Albany - B.S. Degree in Atmospheric Science | | | | | |
|--|---|----------|-------|---------|---|--|---------------|-----------------|--------------|----------------|
| Course # | NTU Required Program Courses | Elective | Major | Credits | Course # | UAlbany Required Program Courses | Gen Ed | Elective | Major | Credits |
| | Introduction to Earth Science Systems | | X | 3 | AATM 010 | Introduction to Earth Science Systems | | X | | 3 |
| | Numerical Analysis | | X | 2 | AATM 010 | Numerical Analysis | | X | | 2 |
| | | | | | AATM 209* | Weather Workshop | | | X | 1 |
| | Introduction to Atmospheric Science | | X | 2 | AATM 210* | Atmospheric Structure, Thermodynamics & Circ. | | | X | 3 |
| | | | | | AATM 211* | Weather Analysis and Forecasting | | | X | 4 |
| | Introduction to Atmospheric Chemistry | | X | 2 | AATM 307 | Introduction to Atmospheric Chemistry | | X | | 3 |
| | | | | | AATM 316 | Dynamic Meteorology I | | | X | 3 |
| | | | | | AATM 317 | Dynamic Meteorology II | | | X | 3 |
| | Atmospheric Thermodynamics | | X | 3 | AATM 320 | Atmospheric Thermodynamics | | | X | 3 |
| | Atmospheric Measurement & Instrumentation | | X | 3 | AATM 327 | Meteorological & Environmental Measurement | | X | | 3 |
| | | | | | AATM 350 | Meteorological Datasets & Num. Computation | | | X | 3 |
| | | | | | AATM 418 | Dynamic Meteorology III | | | X | 3 |
| | Cloud Physics & Atmospheric Radiation | | X | 4 | AATM 425 | Physical Meteorology | | | X | 4 |
| | | | | | AATM XXX | Numerical Weather Prediction | | | X | 3 |
| | | | | | AATM XXX | AATM 301 or Higher; 4-Electives (not ATM 304) | | | X | 12 |
| | Chemistry I and Lab (3 + 1) | | X | 4 | ACHM 120/124 | Gen. Chemistry I & Lab - Nat-Science – Gen Ed | X | | X | 4 |
| | Chemistry II | | X | 3 | ACHM 121 | Gen. Chemistry II | | X | | 3 |
| | Statistics – Meteorological Applications | | X | 2 | AENV 315 | Environmental Statistics | | | X | 3 |
| | Calculus I | | X | 4 | AMAT 112 | Calculus I & Math Gen Ed Requirement | X | | X | 4 |
| | Calculus II | | X | 4 | AMAT 113 | Calculus II | | | X | 4 |
| | Applied Mathematics I (Calculus/Variables) | | X | 3 | AMAT 214 | Calculus of Several Variables | | | X | 3 |
| | Applied Mathematics II (Ord./Diff. Equations) | | X | 3 | AMAT 311 | Ordinary Differential Equations | | | X | 3 |
| | Intro Physical Oceanography | | X | 2 | APHY 010 | Intro Physical Oceanography | | X | | 2 |
| | Physics I and Lab (3 + 1) | | X | 4 | APHY 140/145 | General Physics I & Lab | | | X | 4 |
| | Physics II and Lab (3 + 1) | | X | 4 | APHY 150/155 | General Physics II & Lab | | | X | 4 |
| | Fluid Mechanics | | X | 3 | APHY 472 | Fluid Mechanics | | X | | 3 |
| | | | | | Course # | UAlbany Required & Elective Courses | Gen Ed | Elective | Major | Credits |
| | Program & Scientific Computing | | X | 2 | ICSI 010 | Program & Scientific Computing | | X | | 2 |
| | | | | | | Arts - Gen Ed Course | X | | | 3 |
| | | | | | | Challenges for the 21 st Century - Gen Ed | X | | | 3 |
| | Chinese I | | X | 3 | AALC 010 | Foreign Language - Gen Ed | X | | | 3 |
| | | | | | | Humanities – Gen Ed | X | | | 3 |
| | | | | | ***Waived | International Perspectives - Gen Ed | X | | | 0 |
| | | | | | | Social Science - Gen Ed | X | | | 3 |
| | | | | | | U.S. History - Gen Ed | X | | | 3 |
| | Chinese II | | X | 3 | AALC 010 | Lower-Level Foreign Language Elective | | X | | 3 |
| | | | | | | Writing & Critical Inquiry – Gen Ed | X | | | 3 |
| | Foreign Language I (Elective) | | X | 3 | AALC 010 | Lower-Level Foreign Language Elective | | X | | 3 |
| | Foreign Language II (Elective) | | X | 3 | AALC 010 | Lower-Level Foreign Language Elective | | X | | 3 |
| | | | | | | Upper-level Liberal Arts Courses, two-Electives | | X | | 6 |

Total Number of Accepted Transfer Credits from NTU: 69

Total Number of UAlbany Credits Required After Transfer from NTU: 59

*** Studying from abroad satisfies the International Perspectives Gen Ed course requirement.

Total Number of Course Credits Needed for B.S. Degree in Atmospheric Science at UAlbany: 128

NATIONAL TAIWAN UNIVERSITY

Atmospheric Sciences Program Requirements

| <u>Year</u> | <u>Course Name and (Number of Credits)</u> | <u>Number of Credits</u> |
|---------------------------|--|---|
| Freshman (Year 1) | <p><u>Languages:</u> Chinese I (3) Chinese II (3) Foreign Language I (3) <i>Elective</i> Foreign Language II (3) <i>Elective</i></p> <p><u>Math:</u> Calculus I (4) Calculus II (4)</p> <p><u>Sciences:</u> Introduction to Atmospheric Science (2) Introduction to Earth System Science (3) Chemistry I (3) and Lab <i>Elective</i> (1) Chemistry II (3) Physics I (3) and Lab <i>Elective</i>(1) Physics II (3) and Lab <i>Elective</i> (1)</p> | <u>40</u> |
| Sophomore (Year 2) | <p><u>Math:</u> Applied Mathematics I (3) Applied Mathematics II (3) Numerical Analysis (2) Statistics with Meteorological Applications (2)</p> <p><u>Sciences:</u> Atmospheric Measurement and Instrumentation (3) Atmospheric Radiation (2) Atmospheric Thermodynamics (3) (Introduction to) Atmospheric Chemistry (2) Cloud Physics (2) Fluid Mechanics (3) Program and Scientific Computing (2) Physical Oceanography (2)</p> | <u>29</u> |
| | | Number of Accepted Transfer Credits: <u>69</u> |

Degree & Course Credit Requirements for the Major in Atmospheric Science at UAlbany

A minimum of 70 credits for the combined major and minor including:

- AATM 209, 210, 211, 316, 317, 320, 350, 418, & 425;
- 15 additional credits from AATM 301 and higher level courses (excluding A ATM 304) as advised;
- ACHM 120 & 124;
- AENV 315;
- AMAT 111, or 112, or 118; AMAT 113, or 119; A MAT 214 & 311;
- APHY 140 & 145; and APHY 150 & 155;

No more than 6 credits from AATM 490, 497, 498 or 499 may be applied toward the major; further, a maximum of 3 credits from AATM 490 will apply.

General Education Requirements

A minimum of 30 credits of coursework in the following areas:

| | |
|---|----------|
| Math and Statistics | 1 course |
| Writing and Critical Inquiry* | 1 course |
| Arts** | 1 course |
| Humanities** | 1 course |
| Natural Sciences | 1 course |
| Social Sciences | 1 course |
| U.S. History | 1 course |
| International Perspectives*** | 1 course |
| Foreign Languages | 1 course |
| Challenges for the 21 st Century | 1 course |

*Writing and Critical Inquiry course must be completed with a grade of *S* or *C* or better.

**No single course can be used to satisfy BOTH the Humanities and the Arts requirement.

***This General Education course requirement is waived for 'International' Students studying at UAlbany.