



# 2010 JANUARY TERM ABROAD

## Discovering the Origins of Evolutionary Thought: Charles Darwin, Ecuador, and The Galapagos Islands

January 2 - 25, 2010

### Itinerary

Twin Cities/Quito	01/02	Loja/Zaruma	01/13
Quito/Mindo	01/06	Zaruma/ Puerto Bolivar	01/14
Mindo/Cotopaxi	01/07	Puerto Bolivar/ Guayaquil	01/15
Cotopaxi/Riobamba	01/08	Guayaquil/Santa Cruz (Galapagos)	01/16
Riobamba/Cuenca	01/09	Santa Cruz/Isla Isabela (Galapagos)	01/19
Cuenca/Loja	01/12	Isla Isabela/ Guayaquil	01/23
		Guayaquil/Twin Cities	01/25

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Price: \$5,599\*

Charles Darwin was one of the most revolutionary thinkers of his time; his work forever changed the way we think about the world. This course aims to familiarize students with Darwin and his work by examining his thought processes, reading what he read, visiting sites which were instrumental in the formulation of his theory, and gaining hands on experience with the theory and practice of evolutionary biology and natural history. We begin the course in Quito, where we will explore the rich cultural, artistic, political and religious history of this area through walking tours of the city, visits to religious sites, and museums. We will also read about and discuss pre-Darwinian natural philosophical thought and world views – including selections from William Paley, Thomas Malthus, and other scholars whose work Darwin read. In addition, we will examine scientific thought and methodology, specifically addressing the nature of scientific reasoning and its historical development from natural philosophy. Upon leaving Quito, we will make our way down the Avenues of the Volcanoes: visiting Inti Nan (the equator museum), the Mindo Nambillo Cloud Forest, the Cotopaxi Volcano (a young active volcano) and surrounding glaciers, Chimborazo wildlife preserve, Ingapirca (Incan ruins), and Puyango Petrified Forest (fossil evidence for evolution). We then travel to Guayaquil, for departure to the Galapagos Islands, where students will study how the islands played a part in Darwin’s ideas, and will also learn about current work there which adds to our understanding of evolutionary processes. Throughout the course, we will study not only the scientific evidence that Darwin so meticulously provided to support his theory of natural selection, but will also look at modern biological techniques and discoveries that support his work. In this process, students will gain hands-on experience in the field, learning for themselves the power of the scientific method.

**Comprehensive Fee Includes:** Transportation and course arrangements as indicated, hotel accommodations in twin and triple rooms, continental breakfast daily, seven lunches and thirteen group dinners. (subject to change)

**Prerequisites:** The course does not have any academic prerequisites. **Students should be in reasonably good physical shape, and willing to “rough it” as we will spend a great deal of time out of doors in the field field, and at times in higher elevations.**

**Required Readings:** Reading Packet.

<b>Evaluation:</b>	
Two short field reports	10% each, total 20%
Final paper	50%
Short journal entries	15%
Field journal	15%

\*Each home institution may have supplementary fees in addition to the price listed.

\*The Faculty Directors cannot guarantee that special dietary needs can always be accommodated. Students with such needs are encouraged to contact the Faculty Directors with any questions prior to registering for the course.\*

Cynthia Norton, Ph.D., College of St. Catherine  
Amy Hilden, Ph.D., College of St. Catherine

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**Dr. Norton** is trained as an evolutionary geneticist with a focus on reproductive behavior (Ph.D. in Biology from University of Iowa, 1985). She is a professor of Biology at the College of St. Catherine and currently Endowed Chair in the Sciences. Dr. Norton traveled to the Galapagos in 2001 as part of an alumnae tour, has read widely on the biology and natural history of the area, and is familiar with the National Park regulations regarding travel to the islands. Dr. Norton has taught The Modernist Moment (A January UMAIE course in France and England) in 2006 and 2008. She most recently traveled to Ecuador and the Galapagos Islands in January of 2009 in preparation for this course.



**Dr. Hilden** is trained as a philosopher (Ph.D. Philosophy, University of Minnesota, Twin Cities, 1996), with background in the history of philosophy, philosophy of science, and epistemology (theory of knowledge). She is an Associate Professor in Philosophy and is Chair of the Department of Philosophy at the College of St. Catherine. Her current research includes the development of a manuscript on the Enlightenment period as a precursor to modern paradigm shifts, such as that exemplified by Darwin’s theory of evolution and natural selection. Dr. Hilden traveled to Ecuador and the Galapagos Islands in January of 2009 in preparation for this course.



# UPPER MIDWEST ASSOCIATION FOR INTERCULTURAL EDUCATION

www.umaie.org

## RULES AND PROCEDURES

For the forty-fifth consecutive year, UMAIE offers unique opportunities for cross-cultural study during January Term and starting in 2005, May/June Term. UMAIE, a consortium of five colleges and universities, cooperates to provide the educational depth and resources necessary for an intercultural curriculum.

This year UMAIE offers courses in many locations around the world including: The Americas (North, Central and South), Antarctica, Australia, Egypt, Europe (Western, Central, Eastern, Northern and Southern), Hawaii, India, Jordan, New Zealand, Russia, Thailand and Turkey.

**APPLICATION AND REQUIRED DOCUMENTS** — Applications and required documents are available via the UMAIE website ([www.umaie.org](http://www.umaie.org)). Applications are accepted between **April 15 - October 2, 2009**. When applying for a course, please submit the following to your campus UMAIE Board Member:

- Three copies of your completed application.
- One copy of your valid passport photo & signature page OR if you do not have a passport, a copy of your passport application. (Actual submittal of your passport application to a passport agency is not required until acceptance into a course. Please visit <http://travel.state.gov/passport>.)
- One copy of your January Term Abroad Agreement.
- One copy of your unofficial transcript.
- One deposit check in the amount of **\$400** made payable to **Seminars International, Inc.** (All checks will be cashed upon receipt. Returned checks will be assessed a service charge of **\$50**.)

\*UST students please see your study abroad website ([www.stthomas.edu/studyabroad](http://www.stthomas.edu/studyabroad)) for application procedures.

No application will be considered without **ALL** the required signed documents, copies and deposit as listed above. If you have any questions please contact your campus UMAIE Board Member.

**SELECTION PROCESS FOR APPLICANTS** — Faculty Directors will screen each application to ensure all prerequisites are met, and that equal access is given to students from all consortium schools. **For applications received by April 15th, the UMAIE Secretariat will notify each participant via e-mail by May 8, 2009, to inform if applicant is: 1) accepted into the course; 2) on a waiting list; 3) not accepted into the course.** Please be aware that if you are placed on a waiting list, your deposit check will still be cashed upon receipt. In the event a course is filled or cancelled due to low enrollment, students are contacted regarding a second choice. Students who choose not to transfer to another course will receive a full refund. **LATE APPLICATIONS WILL BE CONSIDERED ONLY ON A SPACE AVAILABLE BASIS AND LATE FEES WILL LIKELY BE APPLIED.**

**PASSPORTS, VISAS AND IMMUNIZATIONS** — All applicants must send a copy of a valid and signed passport to their campus UMAIE Board Member upon acceptance into a UMAIE course (if one was not turned in with application). This is not required for students travelling to Hawaii. **Passports must be valid at least six (6) months beyond your return date.**

If your course requires a visa it will be stated in the course description. A country specific visa application will be sent to you 1-2 months prior to departure.

Information regarding recommended and/or needed immunizations can be found at the CDC website: [www.cdc.gov/travel/](http://www.cdc.gov/travel/). If you are traveling to a destination that requires an immunization, the UMAIE Secretariat will inform you in a timely manner. Additional information regarding passports, visas and immunizations is available from your campus UMAIE Board Member.

**COMPREHENSIVE FEE** — Costs listed are based on planned enrollments for each course. Every effort is made to operate the program at the stated price. However, if fewer students enroll, costs may be increased or the course cancelled. **NOTE:** UMAIE reserves the right to adjust fees due to dollar devaluation, fuel surcharges and general inflation.

The comprehensive fee includes round-trip air transportation from Minneapolis-St. Paul to the course location; airport transfers; visas (where required for U.S. citizens who meet the visa application deadline and have the correct accompanying documentation); transportation to most course activities while abroad; lodging, primarily in twin or triple rooms in hotels, pensions, university dormitories, or family homes (where indicated); continental breakfast daily (exceptions noted on individual course descriptions) and other meals as indicated; tickets for required cultural performances; planned excursions; and administrative costs (however, individual institutions may assess additional charges). When rail passes or entrance fees are included, they are based on the utilization of youth rates (25 years or under). Any additional amount incurred will be the participant's responsibility.

**EXCLUSIONS** — Expenses and items not specifically mentioned herein are not covered, including but not limited to: passport fees; airline checked and/or excess luggage fees; local subway, bus and tram fares (if not included in course price); departure taxes (except U.S.); optional entertainment and excursions; beverages; individual room service charges; travel insurance; porter's fees; laundry and cleaning; telephone and fax; personal gratuities; transportation to and from point of course departure.

**FINAL PAYMENT** — Accepted applicants are notified of the final price during the last week of October. Students at Gustavus Adolphus College will bring their final payment to their International Education Office on or before Tuesday, November 3. Students from Elmhurst College will bring their final payment to their Student Accounts Office before Tuesday, November 3. Students from all other institutions will have their fees billed to their student account.

### WITHDRAWALS AND REFUNDS

- No cancellation fee for students withdrawing on or before **September 14, 2009**.
- A **\$100** cancellation fee is withheld for students who withdraw between **September 15 and October 2, 2009**.
- Beginning **October 3, 2009** the course deposit of **\$400** is non-refundable.
- A refund for cancellations occurring after **November 3, 2009** is based upon recoverable costs. The ENTIRE COURSE COST may be forfeited.
- **If cancellation occurs 30 days or less prior to departure, there will be no refund. Trip cancellation insurance is recommended for students with pre-existing medical conditions.** This insurance must be purchased at the time of registration. Please discuss this with your UMAIE Campus Board Member.
- If a course price increases by more than 6% (due to general inflation or lower enrollment) a student may cancel without penalty.
- No refund is given to students who wish to omit portions of the course.
- **NOTICE OF CANCELLATION MUST BE SUBMITTED IN WRITING TO YOUR CAMPUS UMAIE BOARD MEMBER.**

**TRAVEL ARRANGEMENTS** — are secured by Seminars International, Inc., 33 West Monroe Street, Suite 1160, Chicago, IL 60603-5303, (800) 541-7506, [TRAVEL@semint.com](mailto:TRAVEL@semint.com). Applications are processed by the Minnesota office, 21530 Vernon Avenue, Prior Lake, MN 55372, (952) 440-1338, [kathy@semint.com](mailto:kathy@semint.com). Participants desiring additional information may contact Seminars International Inc., or visit their website - [www.semint.com](http://www.semint.com).

**ORIENTATION SESSION**—Will be held **Saturday, November 21, 2009** at the University of St. Thomas. **ALL MUST ATTEND.**

**DEVIATIONS** — Course prices are based on group air arrangements and the air carrier may assess a service fee. Not all airlines allow deviations on group reservations. In addition to the airline service fee(s), an additional fee must be paid to Seminars International, Inc. as follows: before **October 2, 2009 the charge is \$75; from October 3, 2009 until November 3, 2009 the charge is \$125. After November 3, 2009, no deviations will be accepted.** Deviation requests must be made in writing to the Chicago Seminars International office via fax (312) 332-5509 or email [TRAVEL@semint.com](mailto:TRAVEL@semint.com). Once the deviation has been booked, any changes may incur additional costs. Students who deviate are responsible for providing their own transportation to or from the actual course location abroad. **Faculty Directors are not expected to provide assistance. Students from Augustana College and Elmhurst College will receive further information on course flights upon acceptance.**

### CAMPUS UMAIE BOARD MEMBERS

Augustana College, Nancy Wright, (605) 274-5417 • Elmhurst College, Wally Lagerwey, (630) 617-3604

Gustavus Adolphus College, Center for International and Cultural Education, (507) 933-7546

St. Catherine University (formerly College of St. Catherine), Global Studies Office, (651) 690-6031

University of St. Thomas, International Education Office, (651) 962-6450

UMAIE SECRETARIAT: Kathy Willemsen, (952) 440-1338, email: [kathy@semint.com](mailto:kathy@semint.com)