



## LONDON, ENGLAND > SUMMER ABROAD

Great Britain—and particularly London—has played a key role in the lives of scientists, from Newton to Darwin, who developed many of the major concepts that allow us to understand our natural world. The Prime Meridian, the electron, the nuclear model of the atom, gravity, evolution, and modern physical geology represent just a few of the significant contributions made by English scientists to our understanding of the natural world. Museums and historical sites in and around London complement the coursework. (Visits may include Stonehenge, Avebury, the Royal Observatory in Greenwich, the Geological Society of London, Cambridge and Oxford Universities, the Bath area, Kew Gardens, the Chelsea Physic Garden, Cambridge and Oxford Universities, the Museum of Natural History, and Down House (Darwin’s home).

Upon successful completion of the program students earn eight Boston University credits.

### London College of General Studies Natural Sciences Program

#### COURSES

The two courses replace the spring freshman natural science requirement (NS 201) and the fall sophomore natural science requirement (NS 202).

**CGS NS 299 The Historical Foundation of the Physical Sciences: Time, Motion and Matter** This course examines the development of our understanding of time, motion and matter. It begins with a review of historical observational astronomy concentrating on observations of motion and the use of astronomical data by ancient civilizations. Additional topics covered include the concept of longitude and time keeping, Newtonian mechanics, the structure of matter, and an introduction to structural geology.

**CGS NS 300 The Historical Foundation of the Biological Sciences: Diversity, Taxonomy and Evolution** This course examines the historical development of the Darwinian Revolution in biology and will initially examine pioneering work in taxonomy conducted by John Ray and Carolus Linnaeus. Linnaeus, although a Swedish botanist, was a phenomenon in England in the 1700s, and he stimulated British scientists to actively document the biological diversity that was being discovered throughout the world. The cataloging of biological diversity was enhanced by and also stimulated the growth and development of the British Empire. The ideas developed from taxonomy will support the exploration of Darwin’s theory of evolution by means of natural selection.

#### HOUSING

Students live in furnished apartments with other students in Boston University’s London programs. The apartments are within walking distance of the BU London Academic Center, in central and exclusive South Kensington. They vary in size (from two to 13 occupants), configuration, and style of decoration, but most consist of shared bedrooms with Internet access, bath/shower room, kitchen, and a living/dining room area.

#### ADMISSIONS

- Open to CGS students who have completed their first year
- See [www.bu.edu/abroad/cgs](http://www.bu.edu/abroad/cgs) for program-specific requirements
- Refer to our policy on eligibility/admissions at [www.bu.edu/abroad/admissions](http://www.bu.edu/abroad/admissions)

#### PROGRAM DATES

Summer Term: late June–early August

#### APPLICATION DEADLINE

Summer Term: December 1

#### SUMMER 2011 PROGRAM COST

\$8,200. Cost includes tuition, housing, field trips, and emergency travel assistance coverage. Financial aid is available. The cost for 2012 has not yet been announced and will be subject to approval by the Board of Trustees at Boston University.