Part Time Lecturer—Environmental Studies (Liberal Studies Science)

NYU in London is seeking a part-time lecturer to teach an undergraduate science module titled Environmental Studies. Teaching will commence in either the autumn term (Sept-Dec 2016) or the spring term (Jan-May 2017) depending on lecturer availability and enrolment. The course will run for one term only.

New York University is a Global Network University (NYU-GNU) with courses and programs offered at 14 academic centres on six continents. NYU in London is an undergraduate study abroad program of exceptional quality with teaching strengths across the curriculum. Our UK faculty, drawn mainly from local universities, has an excellent record in teaching and research. Classes are held at the NYU London centre at 4-6 Bedford Square, WC1.

COURSE DESCRIPTION & DESIRED OUTCOMES

Students learn about modern environmental science in the context of contemporary global issues, exploring the impact that the decisions of nations and individuals have on local and world ecologies. The course emphasizes the science involved in environmental decisions while also examining the role of ethics, politics, and economics in environmental decisions at both personal and governmental levels. Students examine such topics as ecology and biodiversity, including the nature and effects of succession, evolution, and invasion species; the atmosphere, including air pollution, ozone depletion, and climate change; sources, use, and misuse of water resources; human population and feeding the world’s people, including developments in agriculture and genetic modifications of organisms; and the nature of Earth’s energy resources and their use by humankind.

Upon successful completion of the course students should be able to:

- Understand the methods of science, in particular, by evaluating scientific evidence and analysis in interdisciplinary and complex research and problem-solving.
- Articulate how a scientific theory was developed and the current status of that theory and to apply scientific theory to real-world problem-solving, particularly in the areas of ecosystems and agro-ecological and climate systems.
- Understand the main ideas of scientific articles, distinguish well-documented points from those that are not well documented, and assess and critique the research presented in the articles.
- Describe the relevance of science to a social and/or legal, cultural, political, economic issue by providing specific details of the science and its impact on the relevant application.
- Analyse scientific information that is represented graphically, describe quantitative trends, and mathematically calculate and compare values.
- Demonstrate critical thinking skills, specifically the grasp the scientific research process and to judge the strength or weakness of scientific research and interpretations.

TEACHING & LEARNING EXPECTATIONS

The instructor will combine his or her own lectures (based on common readings) with classroom discussions that he or she will facilitate. Emphasis is on seminar-style discussion and students are expected to participate dynamically during each class session. Small-group research exercises and student presentations can be encouraged, as appropriate. All student work is to be marked and commented upon by the instructor.
EXPECTED OF HOURS

The semester is 14 weeks and classes typically meet once a week for 2.5 hours (Day & Time TBD), with an additional 15th session added to one of the weeks. In addition to the time required for course preparation, classroom instruction, and marking, the instructor is required to hold a minimum of one set 60-minute “office hour” at NYU London per week, during which time she or he will be available to meet with students.

FACULTY QUALIFICATIONS

Applicants should have a PhD in an appropriate field. It is expected that the post-holder will have a minimum of 2 to 3 years teaching at the university level. Experience teaching American undergraduates is helpful.

APPLICATIONS

Terms and conditions will be discussed with the successful applicant. The successful candidate should have the right to live and work in the UK prior to appointment. Applications, in the form of a C.V. and letter of interest should arrive no later than 8 April 2016 by e-mail to Courtney Hopf at courtney.hopf@nyu.ac.uk. Informal enquiries can be made to Dr Amy Rowe at amy.rowe@nyu.ac.uk. We regret we are unable to individually notify unsuccessful candidates.