NYU in London is seeking a part-time lecturer to teach an undergraduate science module titled History of the Universe. 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

This course examines the nature of science as a way of looking at the world and study that world as revealed through the work of scientists over the years. Students learn about the nature of matter and energy and how the universe has evolved. Topics include the origin and development of the stars, galaxies, planetary systems, and the universe itself, as well as study of the Earth and the development of life on Earth and its potential to exist elsewhere in the universe. The course begins with the development of scientific thought at multiple locations around the pre-modern world by reference to Babylonian and Chinese astronomy, Indian numerical systems, and the work of such scientists as Aristotle, Ptolemy, Al-Sufi, Copernicus, Kepler, and Galileo. It continues with discoveries by the likes of Newton, Darwin, Curie, Einstein, and Hubble during the period of Western scientific hegemony and ends with the multinational world of present-day science.

Students acquire an understanding not only of modern science but also of its development and of the methods, strengths, and limitations of the scientific method. By the end of the course students should be able to understand and evaluate scientific articles in newspapers or popular magazine, and to have gained sufficient understanding of physics, chemistry, biology, and astronomy to have a meaningful discussion about the possibility of life elsewhere in the universe.

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.

EXPECTATION 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.