

Call for Applications 2013/2014

Central European University Is Pleased To Announce Its Call For Applications For Academic Year 2013/2014 PhD Certificate Program in Network Science

Central European University is an English-language, graduate university located in Budapest, Hungary. An international university with students from some 100 countries and faculty from more than 40, CEU offers small, seminar-style courses and a student/faculty ratio of 7:1. CEU is accredited in the United States and Hungary.

The **PhD Certificate Program in Network Science** is a new program, offered by the Center for Network Science, that provides tools to understand the principles governing social, political, economic, and environmental networks, and it also extends to the applied mathematical aspects of network science. Students get to work with some of the most prominent network scientists in the world (Albert-Laszlo Barabasi, Rosario Mantegna, Janos Kertesz, Balazs Vedres), exploring terabyte-sized datasets that capture mobile phone calls between millions of individuals; financial transactions between banks and companies; energy delivery systems; memberships in the directorial boards of companies; and affiliations in political parties.

Candidates with an interest in network science and its applications to political science, economics, and environmental sciences and policy, and mathematics can apply via the respective departments' doctoral programs. Upon completion of the doctoral program, students will also receive a PhD certificate in network science.

THE PROGRAM FOCUSES ON THE FOLLOWING PROBLEM AREAS:

- Political science: business-political networks, social movements, social influences in voter behavior
- Economics: world system networks and development, embeddedness of multinational corporations, network effects and externalities
- Environmental science: resilience in energy grids, food webs and economic competition
- Applied mathematics: graph theory, random graphs, and computational foundations

SCHOLARSHIPS AND FELLOWSHIPS

CEU is committed to attracting talented students and scholars from around the world. The University provides a variety of scholarships and research grants for which applicants from any country are eligible to apply.

- [CEU Doctoral Fellowships](#) cover full tuition, health insurance, and a generous stipend for housing and living expenses. More than 90 percent of PhD students receive the full doctoral fellowship from CEU, while others are supported by external organizations providing funding.
- [Direct Student Loans and Canada Student Loans](#) are available for eligible U.S. and Canadian students.
- [External Scholarships and Financial Aid Programs](#) administered through CEU include Erasmus Mundus scholarships, Erasmus research grants, and other private and public fellowships and scholarships.

CAREER PATHS

Network scientists are employed in academia, government, and business. Applied network scientists work at Internet and social media companies, where they improve users' online experience. They also serve as consultants developing business infrastructure and specialize in risk mitigation for major financial institutions.

APPLICATION DEADLINE: January 24, 2013

MORE INFORMATION: www.ceu.hu