

Central European University Is Pleased to Announce Its Call for Applications for its **PhD Program in Network Science** of the Academic Year 2015/2016

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 Program in Network Science** is a pioneering, interdisciplinary program that provides tools to understand how complex networks are structured and how they function, what are the principles governing social, political, economic, and environmental networks. Students get to work with some of the most prominent network scientists in the world and can participate in the research on fundamentals of network structure and dynamics, learn the efficient ways of network modeling and explore 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.

We expect applications from candidates with an interest in network science and/or its applications to political science, economics, sociology and environmental sciences. The program is hosted by the **Center for Networks Science**.

THE PROGRAM FOCUSES ON THE FOLLOWING PROBLEM AREAS

- **Mathematics and its applications:** Graphs, graph limits and processes on graphs.
- **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
- **Sociology:** Structure and dynamics of the social web, spreading of ideas and innovations, multiplex networks
- **Environmental science:** resilience in energy grids, food webs and economic competition

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: February 1, 2015

MORE INFORMATION: www.ceu.hu/admissions