

**\*\* 2018/19 PhD Programs at the IMT School for Advanced Studies, Lucca \*\***

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Deadline for applications ? August 3rd 2018, 12 pm CEST

Applications are now being accepted for the 2018/19 PhD Programs at the IMT School for Advanced Studies Lucca ([www.imtlucca.it](http://www.imtlucca.it)), one of the six Schools of Excellence in Italy and one of the highest rated graduate schools in Europe according to the most recent U-Multirank survey. Highly motivated candidates from all disciplines are invited to apply for one of the 36 fully-funded scholarships within two doctoral Programs that integrate scientific competences of economics, engineering, computer science, neuroscience and behavioral psychology, physics,

applied mathematics,  
statistics, history and sciences of cultural heritage.

Economics, Networks and Business Analytics is one of the four field-specific Tracks offered and is under the ?Systems Science? PhD Program. This Track provides participants with a solid knowledge on modern analytical methods in economics and management. With its multidisciplinary approach, the Track is unique in its deployment of a strong integration of concepts, analytical foundations, and practical expertise, to educate the new generation of economists, scientists and practitioners with distinctive capabilities in analyzing, interpreting, and managing complex socio-economic systems. Graduates will be trained to become researchers and decision makers in academia, policy and industry by integrating knowledge at the boundary of Economics, Statistical Physics, Computer and Social Sciences with the

unifying language of Mathematics and Statistics. Close associations with a selected set of companies and institutions provide the opportunity to analyze relevant problems, motivating new analytical techniques from practical problem solving. Students are involved in the analysis of real world high dimensional data, in collaboration with companies and institutions. During their doctoral studies, students are also encouraged to carry out their research with the School's Research Units.

Courses are led by world-renowned researchers and provide students with all the theoretical skills and advanced tools required for rigorously tackling a multitude of analysis, design and management problems within the broad framework of systems analysis in economic, social, physical, technological and cultural domains. Specialized faculty and staff create a network that provides key guidance and support throughout the PhD

Program. Working closely with faculty, both in the classroom and in the development of research, students reach the highest levels of scholarly achievement. IMT School PhD graduates will be able to use the skills they acquired during their studies to recognize and resolve complex problems, to choose the most appropriate method or instrument to utilize when approaching these problems, even in disciplines outside of their primary field of research.

All students are based in the recently restored San Francesco complex, a fully integrated Campus in the historical center of the beautiful Tuscan city of Lucca. The Campus includes renewed residential facilities, an on-site canteen, study and living rooms, a state-of-the-art library and outdoor recreational spaces, which foster a unique cultural, professional and social environment for our doctoral program.

Eligible students, in addition to free room and board, will also receive a research scholarship which amounts to approximately €15,300/year. Additional funding for further research stages, including scholarships to cover an eventual fourth year to complete the PhD thesis, can be assigned on a competitive basis.

The PhD Programs at the IMT School attracts students from around the world, providing a truly international environment. English is the official language of the School. Moreover, all students will have the opportunity to spend periods abroad at research institutes, laboratories or universities, both within the Erasmus+ framework and through ad hoc mobility agreements.

Most IMT School PhD Graduates have reached prominent roles in academics, governmental institutions, public and private companies or professions

across the globe.

To find out more about the School, the admission requirements and how to apply, please see [www.imtlucca.it/phd](http://www.imtlucca.it/phd)

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Find the IMT School on Facebook, Twitter, LinkedIn and YouTube for the latest news.