

2020/21 PhD Programs at the IMT School for Advanced Studies Lucca

Deadline for applications – July 10th 2020, 12 pm CEST

Applications are now being accepted for the **2020/21 PhD Programs at the IMT School for Advanced Studies Lucca** (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 **33 fully-funded positions**. The **32 scholarships** are equally divided between the 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. **One additional “Marie Skłodowska-Curie Innovative Training Networks” research grant** will be available for the PhD Program in “Systems Science”, track in “Computer Science and Systems Engineering” for the project Multi-field and multi-scale modeling of fracture for renewable energy applications.

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 encouraged to carry out their research with the School’s [Research Units](#). ENBA students also have the possibility of completing their theses under the joint supervision (Double-degree) with KU Leuven or the University of Alicante.

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, scientific, 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**. The scholarships are **fully-funded for up to four years**, with a possibility of graduating after the third year.

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 visit the following [link](#).

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Find the IMT School on [Facebook](#), [Twitter](#), [LinkedIn](#) and [YouTube](#) for the latest news.