

EMIN
Economics and Management of Network Industries

Duration: 2 years

Course description:

Network industries and infrastructures – like telecommunication and energy industries –are subject to market mechanisms more than ever before. While responding to competitive signals and incentives, they still have to deliver their basic services with reasonable security and consistency. To that end, these industries and infrastructures are being liberalised and re-regulated across the world. The European Union itself is building its 27-state internal market with a specific set of common guidelines balancing the introduction of competition where possible and regulation where necessary. This creates a need among industries and public institutions to hire skilled professionals who are capable of understanding and designing these complex systems.

The objective of this Masters Course is to train such highly-qualified professionals. Masters students on this course will learn simultaneously the engineering, economics and management principles that are relevant to the network and infrastructure industry. Usually, these skills are acquired separately while in practice they have to be used together to achieve both technical and economical efficiency. This programme therefore replaces the traditional approach to training in this field by a more integrated experience.

The two-year programme enjoys the collaboration of three of the most prestigious European universities in the field: Pontifical University Comillas – Madrid (Spain), noted for its excellence in electricity market regulation, University Paris-Sud 11 (France), renowned for its expertise in economics and management of network industries, and Delft University of Technology (the Netherlands), which is famous for its research and teaching on applied industry and infrastructure economics.

Students must study in at least two countries, and may study in all three participating countries if they wish. If they choose to study in Spain or France they must stay there for a minimum of a semester. If they choose to study in the Netherlands, they must stay for a minimum of two lecture semesters. The vehicular language is English, but also lectures and conferences may take place in French, Spanish or Dutch. The professor/student ratio is around one professor to every two students. The consortium delivers multiple degrees. Each of the institutions will deliver its own Master's degree (in Numeric Economics and Network Industries at Paris-Sud; in the Electric Power Industry at Comillas and in Engineering and Policy Analysis at TU Delft). The specific structure and contents of the Erasmus Mundus Master's Course will be described in an additional Diploma Supplement.

To enrol in the Course, students must have obtained a Bachelor's degree in Engineering, Economics or Management. Students who have obtained the first year of a European Master's degree in these fields, or a business school or engineering advanced diploma may be directly accepted into the second year of the Course. For admission, the consortium requires from each applicant a substantial report explaining their prior studies, motivations and professional plans. A joint admission committee composed of a member of each university and three professionals from the network industries will evaluate the candidates.

Website: <http://www.eminmaster.eu>

Partners:

Comillas Pontifical University– Madrid, Spain (Co-ordinating Institution)
University of Paris-Sud 11, France
Delft University of Technology, Netherlands

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