

MASTER IN COMPLEX ACTIONS

DEADLINE: DECEMBER 02, 2013

**APPLICATIONS
ARE OPEN
ONLINE AT:
WWW.MCA.SISSA.IT**

The Master in Complex Actions is a unique training course, focused on the frontiers of scientific research combined with the analysis of complex processes and with business practices typical of a Master in Business Administration (MBA). The training program aims to provide students with some of the tools necessary to deal with the explosive complexity of global challenges. During the Master, participants are exposed to the most recent scientific discoveries, from the physics of materials to mathematics, from neurosciences to biotechnology, presented by prominent scientists; in parallel, a network of professionals, entrepreneurs, and domestic and international investors discusses techniques for business and project management, as well as economics, corporate finance and venture capital, in order to address complex projects in the world of innovation and enterprise.

FOR MAT

An executive format: MCA is structured with 10 two-day class sessions over seven months, two full immersion retreats and a study trip

Topics: Strategic Thinking, Business Management, Frontiers of Science and Technology

Group work: working with a team to write the business plan for a new product (science- and innovation-based)

Focus on a global challenge: the focus of the year 2014 is Energy

Multifaceted approach: lessons, colloquia, team work and special meetings with investors, entrepreneurs and managers of global companies

Web for knowledge and improvement: a special web area dedicated to the class, with the complete digital videolibrary of MCA, the project management system and a permanent evaluation platform.

The official language of MCA is English.

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PhD students, researchers, civil servants, young professionals or entrepreneurs, with a background preferably in disciplines such as Physics, Chemistry, Biology, Engineering, Mathematics, Nanotechnology, or Cognitive Science.

Diversity and hybridization as contributed by the students are critical to the success of the course, and they are therefore among the core criteria in their selection. Any research experience will be positively considered in the selection, as well as any other potential contribution to the heterogeneity of the MCA community.