



Angers University / International Master of Science

Foresight & Innovation



— PREPARING A NEW WORLD

We are living through a very special period of human history, one of its great transitions. Uncertainty and loss of the traditional mental bearings supported by the mainstream paradigm leave us confused.

Yet we can now easily spot some of the features of tomorrow's world, especially with respect to leadership, anticipation, cooperation, social networks, new holistic scale of risks, end of abundance, new competitions, digitalization of most human activities, and values change. These major stakes for the decades ahead demand a better preparation of the next generation that will face them.

— HIGH-POTENTIAL GLOBAL EXECUTIVES

Within this context, the globalization of the world is accelerating, with international expansion activity quickly developing. Many firms are going abroad seeking growth and profits. Most governments have to deal internationally. Building up high-quality global teams will be crucial for these organizations' success. They will need high-potential human resources, capable to deal with multicultural management, to display a foresightful leadership, to understand the global issues' complexity, and to open the way to innovative problem-solving.

Therefore, the understanding of the multidisciplinary notion of change, the learning of foresight concepts, methods and practices, and the practice of innovative thinking will be at the core of this original, innovative master's programme. The making of responsible, efficient women and men, confident in a positive vision of the future and ready to shape it, is our greater commitment.

— UNDERSTANDING CHANGE

That we are living in a period of utter change is now the obvious. Yet little seems to be done to help people to get through these uncertain times. Therefore this master's programme aims to provide students and professionals a thorough understanding of change in its various shapes: evolution, transformation, anticipation, foresight, and innovation. The mastering of these different fields of knowledge offers the unique opportunity to truly tame the changes that are happening, those that are coming, and these that can be implemented.

— THINKING DIFFERENTLY

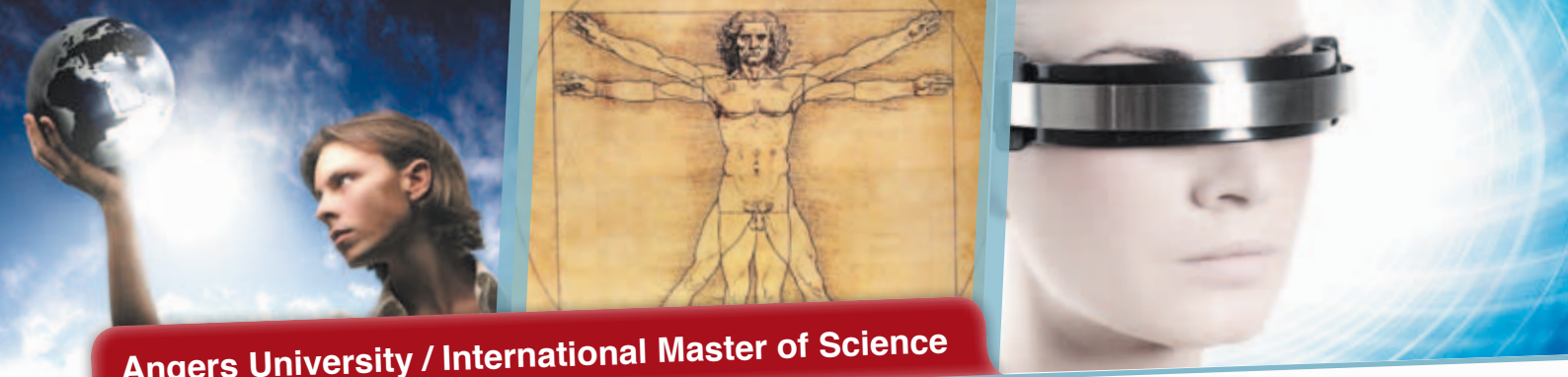
Tackling complexity, futuring new global issues, or understanding the systemic impacts of a new problem demand a more advanced way of thinking than what we are usually used to. Critical thinking, lateral thinking, open-mind lectures, field trips and action-learning are all ways to foster an augmented ability to think the present and the future in the most efficient and positive manner.

INTENDED GRADUATE CAREER OPTIONS:

Graduates, supported by a network of valuable contacts, enter the international employment market:

- working with enterprises, governmental institutes, relevant research and higher education institutions or think tanks
- dealing with high end technological products and services or making technology assessment
- devising and implementing innovation policy and strategy and innovation/change management, whatever the field
- facilitating long-term problem-solving and decision-making through in-depth understanding of complex issues.





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YEAR 1

SEMESTER 1: UNDERSTANDING CHANGE

- **Changes Sciences:** Change core, Human Evolution, Evolutionary Anthropology, Macrohistory, Theory of changes, Global History, World History, What's next, Drivers of change, Future histories, Alternative histories.
- **Foresight Core:** Thinking the Future, Anticipation and complexity, Foresight Basics, History and Comparative Study, Foresight Concepts, Foresight Methods, Foresight Practices, Applied Foresight Workshop
- **Innovation Engineering:** Innovation World, Disruptive innovation, Front End Innovation, Innovation Methods, Problem solving methods, Financing Innovation, Intellectual Property, Marketing of advanced technologies and services, User-Centred Open Innovation.

SEMESTER 2: PARADIGM SHIFT

- **Support core:** Writing Technical Requirements, Team Building, Meeting Management Presentation Techniques, Basic and advanced softwares, hardware theory, Mind Mapping and System Theory, Collaborative Processes, Strategic and technology Watch, Business Intelligence, Internet Information Retrieval, Group Dynamics, New paradigm, English Course / Basic & Advanced Level.
- **Advanced Thinking:** Thinking Methods, Individual Project, Field Trips, Complexity / Open Mind Lectures, Worldview Seminars.
- **Immersion projects**

YEAR 2

SEMESTER 1: SHAPING THE WORLD

- **Advanced Foresight (online courses):** Foresight Management, Foresight II, Organisational Foresight.
- **The Futuring Campus:** Future Thinking, Future Imagineering, Future Building
- **Team Project :** Foresight and Innovation-oriented project.

SEMESTER 2: INTERNSHIP & MASTER THESIS

- 4-month semester in a foreign partner university.
- 6-month internship anywhere in the world.

CHARACTERISTICS:

- Teaching methods: innovative contents and ways to teach/learn; emphasis on action-learning (field trips, team project, open space technology)
- Mobility: 1st year in France (Paris and Angers); Summer School in Europe ; 3rd semester in one of the partner universities.
- High-Potential Summer School gathering practitioners, students and experts.
- Academic and social integration through mentorship and student organization.

ADMISSION CRITERIA:

- International programme for: professionals and graduate students.
- Admission prerequisites: bachelor degree or equivalent.
- 2-year full-time program, taught in English : TOEFL90, IELTS 6.5.

SUPERVISION:

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