



MASTER

03/02/2023

UFR Sciences, Espaces, Sociétés | Département Sciences économiques et gestion

INNOVATION, ENTREPRISE ET SOCIÉTÉ

PARCOURS DPM : DIGITAL PROJECT MANAGEMENT

DESCRIPTION

The Master DPM trains project managers, entrepreneurs and intra-preneurs capable of leading dialogue with technical experts while mastering the social stakes of digital. It aims to develop both digital skills and the ability to manage projects and innovation.

The Master DPM thus favors on the one hand the design, development and monitoring of projects using digital technologies and on the other hand, understanding the technical, economic and social issues associated with new technological use.

The Master DPM is the english language version of the Master Management de Projets Numériques, created in 1999. It relies on expertise acquired over 20 years of existence and numerous professional partnerships. Our links with the french digital ecosystem are deep and we organize each year two weeks of learning expedition in Paris and Marseille, an Hackaton in Toulouse and we offer to students to work on real projects during one semester for local companies.

Our training offers interdisciplinary teaching, at the interface of technical and socio-economic problems, to train operational project managers. In addition to the acquisition of strictly « digital » skills, the program targets other important skills of the « digital age », such as anticipation, critical thinking and creativity.

Our training meets the recruitment needs of local authorities, state agencies and private companies (local service operators, consulting firms, start-ups, etc.), and serves as an incubator for students' professional pursuits.

Internship

13 weeks -455H- mandatory, 26 weeks -910h- recommended). Students learn enough french to integrate a structure in France; but the internship can be anywhere in the world.

KEY LEARNING OUTCOMES

Through the master's degree in the field of project management you :

- ▶ take on a project in all its complexity;
- ▶ ensure an interdisciplinary dialogue;
- ▶ acquire digital skills and the ability to innovate and be creative;
- ▶ manage innovation and its externalities.



ADMISSION AND COSTS

The training is aimed at english-speaking people who want to acquire skills in the management of innovative projects.

- ▶ Coursework instruction is English. Candidates must have a C1 / B2 + level.
- ▶ Candidates must have a Bachelor (Bac + 4) level in Humanities, Social Sciences, Political Science, Information and Communication or Engineering School.

Modalities of admission

Candidate selection is based on a two-step process: (1) acceptance of written application and (2) subsequent applicant interview.

Costs (according to status)

- ▶ around 5500€
- ▶ ERASMUS+: according to convention between universities

OUR PARTNERS





PROGRAMME

► SEMESTER 1: courses

PROJECT MANAGEMENT (125h | 5 ECTS)

The course presents the fundamentals of driving a digital project...

- Planning, risk management
- Strategy, project and innovation
- Team management
- Budget management
- Project HRM
- Marketing of innovation
- Internet project management
- The life cycle of the start-up

THEORETICAL APPROACHES TO DIGITAL (125H | 5 ECTS)

This course focuses on current digital issues.

- Digital Societal Issues
- Digital and energy transition
- Open innovation
- Performative speech of the Information Society
- Big Data
- Digital Manufacturing and Prototyping (FabLab)
 - Use of 3D printer, laser cutter, Arduino...
 - Creation of a digital object

INNOVATIVE TECHNOLOGY PRACTICUM (25H | 3 ECTS)

Develop digital skills, creativity management of innovation + sessions with French MPN students.

DATA AND SOCIAL NETWORKS (25H | 3 ECTS)

This introductory course aims at providing students with a basic understanding of data analytics...

GATEWAY TO EMPLOYMENT (25H | 3 ECTS)

Develop student employability skills...

Job search methodology and personal development.

CONFERENCE « UNIVERSITIC » (25H | 9 ECTS)

Organized at the Cantine de Toulouse

- Two-hour lectures are given by professional speakers from outside the University at the Cantine Numérique (meeting place for actors from the regional digital ecosystem) on topics related to trends in the digital sector. The 25h will be shared with the students of the MPN Master.

FRENCH FOREIGN LANGUAGE (50H | 3 ECTS)

Two student levels (1. Beginners, 2. All others)

SEMINAR TOUR

Marseille (1 week) and Paris (1 week)

TOULOUSE DIGITAL TOUR (25H | 3 ECTS)

Digital Challenges within Society: visiting and discovering the actors of Toulouse's digital ecosystem.

NON ACADEMIC ACTIVITIES (25H)

Cultural visits and « art de vivre »

► SEMESTER 2: two options

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Students follow a mentored internship of 3 to 6 months (in France or abroad) and write a thesis at the end of their studies in which they reflect on their experiences and journey.

Or students write an Enhanced Research Thesis in case of a PhD objective.

CAREER OPPORTUNITIES

At the end of the course, our students create (or integrate) an innovative startup in the digital sector, work in private or public companies confronted with digitization of their activities, but also in local government and the non-profit sector.

Jobs after graduation

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These students became

- V. O. Product Owner at Anisen Labège
- B. D. Business Manager IT at Fortil, Toulouse
- C. G. PhD at Telecom ParisTech - Interdisciplinary Institute of Innovation
- A. A. Consultant Digital Workplace Office 365 at DevoteamI management consulting
- S. D. co-founder de 2 start up Arcare Concept (Amiens) and Digital Kadi (Bamako)
- B. W. Product Owner at Altran, Toulouse

