

## # MASTER Collective Intelligence in theSCHOOL OF COLLECTIVE INTELLIGENCE

Begun in June 2019, we are developing the world's first comprehensive programs in collective intelligence at the masters and PhD level.

The master is Accredited by the Ministry of National Education, Vocational Training, Higher Education and Scientific Research.

At our campus in Rabat, Morocco, we offer research, teaching and training programs that will help advance the emerging field of collective intelligence. To achieve our ambitions, we are partnering with scholars from leading institutions such as MIT, Yale, and NYU.

### OUR MISSION :

1. Generate new knowledge about human collaboration through world-class research.
2. Help leaders unlock the intelligence of teams, businesses and communities.
3. Break down barriers for a more collaborative and sustainable world.

## # WHAT IS COLLECTIVE INTELLIGENCE?

Collective Intelligence is the ability to effectively share information and solve complex problems as a group; a natural phenomenon in which collective performance can surpass that of any individual. Collective intelligence is the scientific field studying the conditions of this phenomenon within teams, organizations, and societies.

### # Why does the world need collective intelligence?

1. To adapt governments, civil society and business to increasing complexity
2. To sustain relationships of trust and common purpose
3. To create systems that bring many forms of intelligence together to solve the challenges of a increasingly connected world

## # THE OBJECTIVES OF MASTER COLLECTIVE INTELLIGENCE

The Masters in Collective Intelligence will train students in the basic pillars of collective intelligence, including cognitive and data sciences as well as participatory methods and organizational design. Particular emphasis will be placed on mastering experimental and statistical techniques for testing the effectiveness of different methods for maximizing collective intelligence. Students will gather experience applying these methods in research and/or real-world settings.

## #CAREER OUTLOOK OF THE MASTER COLLECTIVE INTELLIGENCE

Interest in collective intelligence is on the rise in corporations, universities, and societies at large. This program will prepare our students for a range of careers in data science, information systems and technology management, human resources and organizational transformation.

## #CORE COMPETENCIES OF THE MASTER COLLECTIVE INTELLIGENCE

- Masters students in Collective Intelligence will learn to think critically and scientifically about data, human behavior, and practical problems such as leading positive behavior change within teams, organizations and communities.
- They will learn how to carefully design behavioral experiments and randomized controlled studies, in which experimenters manipulate variables between experimental conditions in order to infer causal information about how the mind works and/or the effectiveness of certain interventions within organizations.
- In addition, students will develop technical skills in the areas of data science, statistics and computer science (e.g., designing computer systems to augment and complement collective reasoning and problem-solving). Finally, they will gain experience designing and applying technologies that reinforce collective intelligence in real-world settings.

## # ELIGIBILITY FOR THE MASTER COLLECTIVE INTELLIGENCE

Candidates must hold a Bachelors degree (BA) or equivalent. Given the highly interdisciplinary nature of our Master's program, we are open to students with a wide range of academic backgrounds. Candidates will be evaluated on the basis of their skills and motivation. Knowledge of applied statistics, and management are considered positive traits but not necessary for admission.

Basic coding skills are highly recommended.

## # CURRICULUM OF THE MASTER COLLECTIVE INTELLIGENCE

### MASTERS: 1ST YEAR

#### \*S1

- Programming, Data Science and Statistics 1
- Computer Science Methods in Collective Intelligence 1
- Cognitive Science 1
- Experimental Methods 1
- Scientific English
- Innovation, Entrepreneurship and Startup Design

#### \*S2

- Programming, Data Science and Statistics 2
- Computer Science Methods in Collective Intelligence 2
- Cognitive Science 2
- Experimental Methods 2
- History and Philosophy of Collective Intelligence
- Facilitation and Organizational Change

- Short internship in first year with Moroccan company, or NGO

#### MASTERS: 2ND YEAR

\*S3

- Programming, Data Science and Statistics 3
- Computer Science Methods in Collective Intelligence 3
- Cognitive Science 3
- Experimental Methods 3
- Political Science and Participatory Governance
- Evidence-based Leadership in Companies

\*S4

#### APPLIED OR SCIENTIFIC INTERNSHIP

At the end of the second year, students will undertake a 6-month internship, acquainting themselves with the job market, and new areas of research.

#### # EMPLOYMENT OPPORTUNITIES OF RHE MASTER COLLECTIVE INTELLIGENCE

We aim to prepare our students for a range of professional opportunities in the academic, private, public, and non-profit sectors. Students will develop a range of technical and human skills that qualify them for positions as:

- data scientists, who can understand human perception, manage, and lead organizations. - information systems or technology management experts, who can lead applied research or launch human-centered technologies.
- human resources or organizational transformation specialists, who use insights from data and cognitive sciences to understand human behavior.

Moreover, we provide opportunities to "learn by doing" as well as networking opportunities so that motivated students come out prepared to thrive in a fast-changing job market.

#### # Admissions criteria and Application requirements FOR MASTER COLLECTIVE INTELLIGENCE

Candidates must hold a Bachelor's degree (BA) or equivalent. Given the highly interdisciplinary nature of our Master's degree, we are open to all disciplines. Candidates will be evaluated on the basis of their skills and motivation.

- Curriculum Vitae
- Motivation letter
- Two ID photos
- Copy of ID/Passport
- Copy of all diplomas or degree certificates
- Undergraduate transcripts
- Two letters of recommendation

\*Original documents and / or certified copies will be required at the time of final registration.

#### # Admissions calendar FOR MASTER COLLECTIVE INTELLIGENCE "date important"

We invite you to sign up online via the link [my.um6p.ma](https://my.um6p.ma) by completing the requested information or by contacting us at: [CImaster@um6p.ma](mailto:CImaster@um6p.ma).

If you are shortlisted, you will be invited to a written competitive examination followed by an oral interview in keeping with the following schedule:

- April 15th : Application deadline
- May/June : Written examination and oral interview

- End of June : Admission results and receipt of scholarship application files - Septembre/Early October : Start of term

#### # Selection process FOR MASTER COLLECTIVE INTELLIGENCE

- Application Review
- Written Exam
- Oral Interview

#### # Tuition and fees FOR MASTER COLLECTIVE INTELLIGENCE

- Registration fee : 5,000 Dhs
- Tuition costs : 75,000 Dhs / year

#### # Duration OF THE MASTER COLLECTIVE INTELLIGENCE : 2 years

#### # Seats OF MASTER COLLECTIVE INTELLIGENCE : 20 students

#### # Location of THE MASTER COLLECTIVE INTELLIGENCE : Mohammed VI Polytechnic University - Rabat

#### # Date limite de candidature pour postuler au master en intelligence collective

15 avril 2025

#### # Contact INFO

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