



**UNIVERSITA' DEGLI STUDI DI MILANO**  
**PROGRAMME DESCRIPTION - ACADEMIC YEAR 2022/23**  
**MASTER DEGREE**  
**Cognitive Sciences and Decisional Processes**  
**Enrolled since 2021/22 Academic Year**

### **HEADING**

<b>Degree classification - Denomination and code:</b>	LM-55 Cognitive sciences
<b>Degree title:</b>	Dottore Magistrale
<b>Curricula currently available:</b>	APPLIED COGNITIVE NEUROSCIENCE /
<b>Length of course:</b>	2 years
<b>Credits required for admission:</b>	180
<b>Total number of credits required to complete programme:</b>	120
<b>Years of course currently available:</b>	1st , 2nd
<b>Access procedures:</b>	Cap on student, student selection based on entrance test
<b>Course code:</b>	K03

### **PERSONS/ROLES**

#### **Head of Study Programme**

Prof.ssa Ilaria Cutica

#### **Tutors - Faculty**

Per la mobilità internazionale e Erasmus:  
prof.ssa Alessandra Gorini

Per i piani di studio, riconoscimento crediti e trasferimenti  
prof.ssa Chiara Guglielmetti

Per Laboratori, stage e tirocini:  
prof.ssa Virginia Sanchini

Per l'orientamento e la tesi di laurea:  
prof.ssa Ilaria Cutica

#### **Degree Course website**

<https://sco.cdl.unimi.it/it>

#### **Academic Office for the Degree Programme**

Email: [scienzecognitive@unimi.it](mailto:scienzecognitive@unimi.it)

### **EXPERIENCE OF STUDY ABROAD AS PART OF THE TRAINING PROGRAM**

The University of Milan supports international mobility by providing its students with the opportunity to spend study and internship periods abroad. It is a unique chance to enrich your educational path in a new exciting environment.

The agreements entered into by the University with over 300 universities from the 27 EU member countries under the European Erasmus+ programme allow regularly enrolled students to carry out part of their studies at one of the partner universities or to undertake internships at companies, training and research centres and other organizations.

Similar international mobility opportunities are provided outside Europe, through agreements with a number of prestigious institutions.

#### **Study and internships abroad**

The Degree in Cognitive Science and Decision Making Processes has always developed a big interest in internationalization, defining exchange programs with various European universities. At present, active exchange programs involve University of Porto, Paris (Université Paris VI, Institute Jean Nicod - Ecole Normale Supérieure and master in cognitive science COGMASTER) and Maastricht. Thanks to the Erasmus Program, students can attend courses, internship, exams, and

sometimes the elaboration of the thesis in different cultural context compared with the Italian one.

Students of the Degree in Cognitive Science and Decision Making Processes can plan their Erasmus during the first or the second year with a duration of 3, 6 and 9 month supported by a grant.

Foreseen training during the period of study must be approved by the responsible of the Erasmus program of each degree course. All the proposed activities (agreed with foreign university through learning agreement) are compatible with the foreseen study plan and enable to collect the required CFU.

Grades obtained by the student in the other European Countries are converted using the ECTS (European Credit Transfer System) table. The recognition in career is 20 CFU for 3 months stay, 30 CFU for 6 month and 60 CFU for 9 month.

#### The Double Degree program

Besides the Erasmus exchange programs, the University of Milan has stipulated a Double Degree conjoint agreement with the University of Maastricht (The Netherlands) which involves the Master in Cognitive Science and Decision Making Processes (University of Milan) and the Master of Science in Psychology (University of Maastricht). Such a program offers to the students of the biennium the possibility to spend the first year at the University of Milan, acquiring knowledge and basic skills and then to specialize in their specific area of interest attending the second year by the partner (host) University. Once obtained the established academic requirements by both universities, students of the Double Degree receive both the Laurea Magistrale in Cognitive Science and Decision Making Processes and the graduate degree (usually Master of Science) from the partner institution.

### How to participate in Erasmus mobility programs

The students of the University of Milan can participate in mobility programmes, through a public selection procedure.

Ad hoc commissions will evaluate:

- Academic career
- the candidate's proposed study programme abroad
- his/her foreign language proficiency
- the reasons behind his/her application

#### Call for applications and informative meetings

The public selection for Erasmus+ mobility for study generally begins around February each year with the publication of a call for applications specifying destinations and requirements. Regarding the Erasmus+ Mobility for Traineeship, the University of Milan usually publishes two calls a year enabling students to choose a destination defined by an inter-institutional agreement or to find a traineeship position on their own.

The University organizes informative meetings to illustrate mobility opportunities and rules for participation.

#### Erasmus+ scholarship

The European Union grants the winners of the Erasmus+ programme selection a scholarship to contribute to their mobility costs, which may be supplemented by the University funding for disadvantaged students.

#### Language courses

Students who pass the selections for mobility programmes can benefit from intensive foreign language courses offered each year by the University.

Learn more at <https://www.unimi.it/en/international/study-abroad/studying-abroad-erasmus>

For assistance, please contact:

International Mobility Office

Via Santa Sofia 9 (second floor)

Tel. 02 503 13501-12589-13495-13502

Contacts: InformaStudenti; [mobility.out@unimi.it](mailto:mobility.out@unimi.it)

Student Desk booking through InformaStudenti

<b>1st COURSE YEAR Core/compulsory courses/activities common to all curricula</b>		
<b>Learning activity</b>	<b>Ects</b>	<b>Sector</b>
Anatomical-physiological bases of the cognitive processes	9	(6) BIO/09, (3) MED/26
Artificial intelligence and data analysis	9	ING-INF/05
Cognitive psychology	9	M-PSI/01
Cognitive research methodology	9	M-PSI/01
Ethical issues of decision-making processes in biomedicine	6	M-FIL/02
Psychology of decisions	9	M-PSI/01
Total compulsory credits		51
<b>Further elective courses common to all curricula</b>		

English proficiency B2 (3 ECTS)	3	ND
	3	ND
Analysis of decision-making in Medicine	3	ND
<b><i>End of course requirements common to all curricula</i></b>		
Final Exam	18	NA
	Total compulsory credits	18

## ACTIVE CURRICULA LIST

APPLIED COGNITIVE NEUROSCIENCE Course years currently available: 1st , 2nd

Course years currently available: 1st , 2nd

### CURRICULUM: [K03-A] APPLIED COGNITIVE NEUROSCIENCE

<b><i>2nd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features APPLIED COGNITIVE NEUROSCIENCE</i></b>		
Learning activity	Ects	Sector
Advanced cognitive psychology	6	M-PSI/01
Cellular and molecular basis of cognition in health and diseases	12	BIO/14
Methods and applications for computational neurosciences	6	INF/01
Neuroethics	6	M-FIL/03
Neurotechnology and innovation in therapeutics	6	BIO/14
	Total compulsory credits	36

### CURRICULUM: [K03-B]

<b><i>2nd COURSE YEAR Core/compulsory courses/activities Curriculum-specific features</i></b>		
Learning activity	Ects	Sector
Bioethics of Emerging Technologies in Healthcare	6	M-FIL/02
Clinical risk management and its implication in legal and insurance field	9	(3) MED/45, (3) MED/43, (3) MED/42
Decision-Making Processes in Groups	6	M-PSI/05
Persuasive technology and E-health	6	M-PSI/05
Use of Data in Medical Decisions	9	(6) MED/08, (3) MED/06
	Total compulsory credits	36