FIRST YEAR

01 — **Fundamentals**	

PSIC-03/B M-PSI/06	Psychology of Human-Machine Interactions
INFO-01/A INF/01	Elements of informatics
PSIC-01/B M-PSI/02	Neural cognition
	Integrated course: Statistical Methods and Machine Learning
PSIC-01/C M-PSI/03	Statistical methods and psychometrics
INFO-01/A INF/01	Elements of Machine Learning
	Integrated course: Mind & Language
PHIL-02/A M-FIL/02	Philosophy of Mind
PHIL-04/B M-FIL/05	Philosophy of Language
GIUR-17/A IUS/20	Law, institutions, Ethics, and AI

SECOND YEAR

02 – **Specialization Tracks** 12 CFU		

Track#1	Integrated course: Arts and AI	
PEMM-01/B L-ART/06	AI and media	
INFO-01/A INF/01	Elements of AI, extended reality for the arts	
Track#2	Integrated course: Normative perspectives on AI	
PHIL-04/B M-FIL/05	Conceptual Analysis and Digital Justice	
GSPS-01/A SPS/01	Politics of digital transformation	
Track#3	Integrated course: Human-machine interaction	
PSIC-02/A M-PSI/04	Human-Machine interaction (applicative)	
PAED-02/A M-PED/03	Human-Machine Interaction (pedagogical/didactical perspective)	
Track#4	Integrated course: Knowledge & Reasoning	
PHIL-02/A M-FIL/02	Epistemology of Reasoning	
PHIL-02/A	Logic and Reasoning	

M-FIL/02		

03 —Science and Technology 6 CFU

PHIL-02/A M-FIL/02	Digital Epistemology [Course borrowed from LM in Digital Humanities]	
PHIL-04/B M-FIL/05	Language, Meaning, and AI	
PHIL-04/B M-FIL/05	Linguistics and Philosophy	
INFO-01/A INF/01	Cognitive Semantics for AI [Course borrowed from LM in Semiotics]	
PHIL-02/A M-FIL/02	Advanced Logic	
IINF-05/A ING-INF/05	Fundamentals of AI [borrowed from LM in "Artificial Intelligence"]	
GLOT-01/A L-LIN/01	Natural Language Processing [borrowed from LM in "Digital Humanities and Digital Knowledge"]	
PSIC-01/C M-PSI/03	Data visualization and communication	
PHIL-02/A M-FIL/02	Models of Computation	
IIND-07/C ING-IND/18	Digitalization of Knowledge and Applied Sciences [borrowed from LM in "Ingegneria energetica"]	
HIST-04/C M-STO/08	Theory and Practice of Artifacts and Knowledge Design	
FRAN-01/B L-LIN/04	Human and Artificial Intelligence in Language and Translation	
PHYS-06/B FIS/08	Science Education & Artificial Intelligence	
PSIC-01/A M-PSI/01	Cognition, Brain and Behavior: Multisensory Integration [Course borrowed from LM Semiotics]	

04— Arts and Society 6 CFU

PHIL-02/A M-FIL/02	Social Epistemology	
GIUR-01/A IUS/01	AI regulation: ethics and liability	
PHIL-03/A M-FIL/03	Philosophy of Emotions [Course borrowed from LM Scienze Filosofiche]	
ARTE-01/C L-ART/03	Visual Culture Studies [borrowed from LM "Arti Visive", curriculum AMAC]	

PHIL-02/A M-FIL/02	Social Epistemology	
MATH-04/A MAT/05	Creativity and Data-Driven Intelligence: Exploring Multimodal Large Models	
IINF03/A ING-INF/03	Cyber-Creativity and Innovation [Course borrowed from LM Telecommunications Engineering]	
PEMM-01/A _L-ART/05	Performative arts and digitalization	
PHIL-04/A M-FIL/04	Art, Technology and Digitalization	
GSPS-06/A SPS/08	Digital Visual Culture	
GSPS-02/A SPS/04	Citizenship in the Digital Age	
GIUR-17/A IUS/20	Information Technology and Law [Course borrowed from LM in Legal Studies]	
PHIL-05/A M-FIL/06	Historical Perspectives on Epistemology and Philosophy of Mind	

05 — **Laboratories** 6 CFU

Laboratory: Artistic Practices, Virtual Reality and Artificial Intelligence (*A contratto, coordinated by INFO-01/A INF/01 at DAR)
Laboratory: Use of artificial intelligence for personalisation in digital media (*A contratto, coordinated by ARTE-01-C at DAR)
Laboratory: Ethics, Law and AI (*A contratto, coordinated by GIUR-17/A IUS/20 at DSG)
Laboratory: Human-Machine Interaction (coordinated by Elvis Mazzoni PSIC-02/A M-PSI/04 at PSI)
Laboratory: Data Analysis (coordinated by Mariagrazia Benassi PSIC-01/C M-PSI/03 a PSI)
Research Orientation Workshop (coordinated by Filippo Ferrari PHIL-04/B M-FIL/05 at DAR)

06 — **Internship** 6 CF

07 — **Courses among Unibo teachings** 12 CFU

08 — **Final Examination** 18 CFU
OPTION A
Final examination (18 CFU)
OPTION B
Final examination (6 CFU)
With preparation of final examination abroad (12 CFU)
OPTION C
Final examination (6 CFU)
With internship (12 CFU)