General Information	
Academic subject	Logic and Philosophy of Science
Degree course	
Curriculum	Philosophy
ECTS credits	9
Compulsory attendance	Yes
Language	Italiano

Subject teacher	Name Surname	Mail address	SSD
	Liborio Dibattista	liborio.dibattista@uniba.it	M-FIL/02

ECTS credits details			
Basic teaching activities			

Class schedule	
Period	II semester
Year	III
Type of class	Lectures
	Workshops
	Tutorials

Time management	
Hours	225
In-class study hours	63
Out-of-class study hours	162

Academic calendar	
Class begins	
Class ends	

Syllabus	
Prerequisites/requirements	
Expected learning outcomes	*Knowledge and understanding: The student will achieve an appropriate level of understanding of cultural facts from a logical and epistemological point of view* *Applying knowledge and understanding: the student will become aware of the issues related to scientific research and of the communication of the results* *Making informed judgements and choices: Students will have an adequate level of critical ability in relation to the scientific theories of the past and the present* *Communicating knowledge and understanding: The study of logic will enable the student to achieve correct arguments in the dialogic and multimedia communication* *Capacities to continue learning: the student will acquire specific skills in the field of artificial intelligence, logic and cognitive sciences*

Contents	SCIENCE AND PHILOSOPHY TOWARD POSTHUMAN • Introduction to propositional logic and quantifiers • The philosophy of science in the nineteenth and twentieth centuries • From the humanism of Pico della Mirandola to contemporary post-humanism: will science transfigure the human?
Course program	
Bibliography	**Berto F**. *Logica da zero a Gödel*. Laterza **Boniolo G. et Al.** *Filosofia della scienza*, Raffaello Cortina Editore Excerpts from: **P. Teillard de Chardin,** *Il fenomeno umano,* Queriniana, 2001 **M. Foucault**, *Le parole e le cose* 1966 **M. Farisco,** *Ancora uomo. Natura umana e postumanesimo,* Vita e Pensiero 2011 **R. Kurtzweil,** *La singolarità è vicina*, Maggioli 2014 **R. Marchesini**, *Il tramonto dell'uomo- La prospettiva trans-umanista,* Dedalo 2009
Notes	During the course, the professor will indicate the books 's sections to be studied and further references
Teaching methods	Lectures, projection of multimedia material, workshops for the discussion of case studies with possible support from experts in the field.
Assessment methods (indicate at least the type written, oral, other)	In order to evaluate the knowledge of logic there is a written exoneration. The exam consists of an oral interview.
Evaluation criteria	• *Knowledge and understanding: Adequate knowledge of the philosophy of science in the nineteenth and twentieth centuries, assessed through an oral interview* • *Applying knowledge and understanding: Adequate knowledge of the controversial issues in the philosophy of science evaluated through an oral interview* • *Making informed judgements and choices: Knowledge of relevant scientific controversies in modern and contemporary age assessed through an oral interview* • *Communicating knowledge and understanding: Knowledge of the propositional and predicative logic, evaluated by written exoneration* • *Capacities to continue learning: Appropriate knowledge of the main problems of philosophy of mind and philosophy of language evaluated through an oral interview*
Further information	