

General Information	
Academic subject	Sciences in the Modern World
Degree course	Philosophical Sciences
ECTS credits	6
Compulsory attendance	No
Language	Italian

Subject teacher	Name Surname	Mail address	SSD
	Francesco Paolo de Ceglia	francescopaolo.deceglia@uniba.it	History of Science

ECTS credits details			
Basic teaching activities	6		

Class schedule	
Period	Second semester
Year	2020-2021
Type of class	Lecture- workshops

Time management	
Hours	150
In-class study hours	42
Out-of-class study hours	108

Academic calendar	
Class begins	22 february 2021
Class ends	21 may 2021

Syllabus	
Prerequisites/requirements	The student should know the most important moments of the history of philosophical thought
Expected learning outcomes	<p><i>Knowledge and understanding</i> Capacities to understand and examine historical sources</p> <p><i>Applying knowledge and understanding</i> Capacities to understand and examine scientific historical sources</p> <p><i>Making informed judgements and choices</i> Capacities to make informed historical judgements, in particular in the field of history of science</p> <p><i>Communicating knowledge and understanding</i> Capacities to communicate, trough multimedia instruments, the results of one's own study or research in the field of history of science</p> <p><i>Capacities to continue learning</i> Capacities to interact collaboratively with the professor and the other students in the field of history of science</p>
Contents	<ul style="list-style-type: none"> Sciences in the Modern World <p>Main objective of the course is to reconstruct the historical evolution of sciences in the last century and, from an anthropological point of view too, to analyze the new paradigms of rationality opened up by quantum physics and the digital revolution.</p>
Course program	

Bibliography	<ul style="list-style-type: none"> - I. Prigogine e I. Stengers, <i>La nuova alleanza. Metamorfosi della scienza</i>, Einaudi, Torino, 1981. - D. Lindley, <i>Einstein, Heisenberg, Bohr e il principio di indeterminazione</i>, Einaudi, Torino 2008. - F.P. de Ceglia, L. Leporiere, <i>La pitonessa, il pirata e l'acuto osservatore. Spiritismo e scienza nell'Italia della belle époque</i>, Milano, Editrice bibliografica, 2018. - L. Floridi, <i>La quarta rivoluzione. Come l'infosfera sta trasformando il mondo</i>, Milano, Cortina, 2017.
Notes	
Teaching methods	Lessons, seminars, ppt presentations made by the professors and the students
Assessment methods (indicate at least the type written, oral, other)	oral
Evaluation criteria (Explain for each expected learning outcome what a student has to know, or is able to do, and how many levels of achievement there are.	<p><i>Knowledge and understanding</i> The student will acquire capacities to understand and examine historical sources</p> <p><i>Applying knowledge and understanding</i> The student will mature capacities to understand and examine scientific historical sources</p> <p><i>Making informed judgements and choices</i> The student will possess capacities to make informed historical judgements, in particular in the field of history of science</p> <p><i>Communicating knowledge and understanding</i> The student will improve his/her capacities to communicate, trough multimedia instruments, the results of one's own study or research in the field of history of science</p> <p><i>Capacities to continue learning</i> The student will strengthen his/her capacities to interact collaboratively with the professor and the other students in the field of history of science</p>
Further information	https://www.uniba.it/docenti/de-ceglia-francesco-paolo