



COURSE OF STUDY Magistrale in Scienze storiche e sociali

ACADEMIC YEAR 2023-24

ACADEMIC SUBJECT History of science and technology

General information	
Year of the course	1
Academic calendar (starting and ending date)	First semester 25.09.23 - 13.12.23
Credits (CFU/ETCS):	9
SSD	M-STO/05
Language	Italian
Mode of attendance	Optional

Professor/ Lecturer	
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Department and address	Palazzo Ateneo - Bari
Virtual room	
Office Hours (and modalities: e.g., by appointment, on line, etc.)	

Work schedule			
Hours			
Total	Lectures	Hands-on (laboratory, workshops, working groups, seminars, field trips)	Out-of-class study hours/ Self-study hours
225	60	3	162
CFU/ETCS			
9	60	3	

Learning Objectives	<i>Develop a reflection on the debate concerning the current geological era, the Anthropocene, in which man has become decisive for the balance of the Earth and the climate.</i>
Course prerequisites	<i>Knowledge of methodology and historiographical tools</i>

Teaching strategie	<i>Lectures, in-depth seminars, exercises</i>
Expected learning outcomes in terms of	
Knowledge and understanding on:	General knowledge of the topics covered and of the methodology of the history of science. Knowledge and ability to understand and use historiographical tools. capacity of independent judgment for learning in the field of the history of science. Linguistic and methodological skills capable of transmitting knowledge effectively.



	Learn independently.
Applying knowledge and understanding on:	Knowledge and ability to understand and use the tools for research in the history of science
Soft skills	<ul style="list-style-type: none">• <i>Making informed judgments and choices</i><ul style="list-style-type: none">○ Capacity of independent judgment for learning in the field of the history of science• <i>Communicating knowledge and understanding</i><ul style="list-style-type: none">○ Linguistic and methodological skills capable of transmitting knowledge effectively• <i>Capacities to continue learning</i><ul style="list-style-type: none">○ It will stimulate autonomy in learning
Syllabus	
Content knowledge	<p><i>The course intends to develop a reflection on the debate concerning the current geological era, the Anthropocene, in which man has become decisive for the balance of the Earth and the climate.</i></p> <p><i>There will be an examination of the concept of Extinction and of what is now referred to as the Sixth mass extinction, of which man is both witness and cause.</i></p> <p><i>Issues concerning the origins of ecological thought (A. von Humboldt) and the birth of movements to protect the environment (R. Carson) will be explored.</i></p>
Texts and readings	<p>KOLBERT E., <i>La sesta estinzione. Una storia innaturale</i>, Beat, 2016</p> <p>WULF A., <i>L'invenzione della natura. Le avventure di Alexander von Humboldt, l'eroe perduto della scienza</i>, LUISS, 2017</p> <p>CARSON R., <i>Il mare intorno a noi, Piano B</i>, 2019 e <i>Primavera silenziosa</i>, Feltrinelli, 2016 (material on the teacher's page)</p> <p>J.R. McNEILL – P. ENGELKE, <i>La Grande accelerazione</i>, Einaudi, 2018 (selected passages and material on the lecturer page)</p>
Notes, additional materials	<i>Further information will be provided by the teacher</i>
Repository	<i>Additional teaching material will be provided by the teacher (on the teacher page).</i>

Assessment	
Assessment methods	<i>Oral interview</i>
Assessment criteria	<p><i>. Knowledge and understanding:</i></p> <p><i>The student must possess a general knowledge of the topics covered, of the debate in the history of science and of the methodology of historiographical research</i></p> <ul style="list-style-type: none">• <i>Applied knowledge and understanding:</i> <p><i>Must show knowledge and ability to understand and use tools for research in the history of science</i></p> <ul style="list-style-type: none">• <i>Making judgments:</i> <p><i>The student must show critical reasoning skills and independent judgment on the study carried out</i></p> <ul style="list-style-type: none">• <i>Communication skills:</i> <p><i>The student must have linguistic and methodological skills capable of transmitting knowledge effectively</i></p> <ul style="list-style-type: none">• <i>Ability to learn:</i> <p><i>It will have to highlight autonomous learning skills</i></p>
Final exam and grading criteria	<i>The final mark is given out of thirty. The exam is considered passed when the grade is greater than or equal to 18.</i>
Further information	
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