



# UNIVERSITÀ DEGLI STUDI DI PALERMO

<b>DEPARTMENT</b>	Scienze Umanistiche
<b>ACADEMIC YEAR</b>	2018/2019
<b>MASTER'S DEGREE (MSC)</b>	PHILOSOPHICAL AND HISTORICAL SCIENCES
<b>SUBJECT</b>	HISTORY OF THE ECONOMIC AND SCIENTIFIC THOUGHT IN THE MODERN AGE
<b>TYPE OF EDUCATIONAL ACTIVITY</b>	C
<b>AMBIT</b>	21023-Attività formative affini o integrative
<b>CODE</b>	17898
<b>SCIENTIFIC SECTOR(S)</b>	M-FIL/06
<b>HEAD PROFESSOR(S)</b>	ROSCIGLIONE CLAUDIA Professore Associato Univ. di PALERMO
<b>OTHER PROFESSOR(S)</b>	
<b>CREDITS</b>	6
<b>INDIVIDUAL STUDY (Hrs)</b>	120
<b>COURSE ACTIVITY (Hrs)</b>	30
<b>PROPAEDEUTICAL SUBJECTS</b>	
<b>MUTUALIZATION</b>	
<b>YEAR</b>	2
<b>TERM (SEMESTER)</b>	2° semester
<b>ATTENDANCE</b>	Not mandatory
<b>EVALUATION</b>	Out of 30
<b>TEACHER OFFICE HOURS</b>	<b>ROSCIGLIONE CLAUDIA</b> Monday 10:00 13:00 Ed. 12, III piano

<p><b>PREREQUISITES</b></p>	<p>Knowledge acquired through the first Degree Course in the History of Philosophy (Classe 29 as specified by D.M. 509, Classe L-5 as specified by D.M. 220) is prerequisite for the course.</p>
<p><b>LEARNING OUTCOMES</b></p>	<p>ECTS credits for this course are awarded to students who:</p> <p>Knowledge and understanding</p> <ul style="list-style-type: none"> <li>- Advanced knowledge of the main traditions in the history of the philosophical and scientific modern thought with particular regard to the XIX century's philosophical and scientific debate on Darwin's theory of evolution.</li> <li>- Proficiency in the methods for the historical, philosophical and scientific study of the philosophical and scientific traditions of the modern thought and in the hermeneutical and critical analysis of philosophical and scientific concepts, with particular regard to those of the XIX century's debate in the history of biology and philosophy on Darwin's theory of evolution.</li> <li>- Advanced knowledge of the historical and cultural contexts in which the XIX century's philosophical theories, in particular Nietzsche's philosophy, and the scientific theories of evolution have arisen and developed stemming from Darwin's theory.</li> </ul> <p>Applying knowledge and understanding</p> <ul style="list-style-type: none"> <li>- Capacity for understanding, interpreting the philosophical and scientific texts of the course (Nietzsche, Darwin, Spencer), which belong to the history of the philosophical and scientific western thought of the XIX century, as well as to read critically the literature even in original language.</li> <li>- Capacity for applying the acquired logical and argumentative abilities to support the interpretative hypotheses worked out on the questions that are crucial to the XIX century's philosophical and scientific debate on the evolution and the role played by the man within the nature, in such a way to take the interdisciplinary connections into account.</li> </ul> <p>Communication</p> <ul style="list-style-type: none"> <li>• Students are expected to be able to communicate information, concepts, questions, objections and innovative solutions to scholars in the history of philosophy and of science or naïve interlocutors with particular regard to the XIX century's debate on Darwin's theory of evolution and the cognate key-concepts of teleology, self-preservation instinct, self-regulation.</li> </ul> <p>Making judgements</p> <ul style="list-style-type: none"> <li>• Students are expected to have the capacity for collecting and interpreting data from the debate in modern philosophy and science, which are considered useful to make autonomous judgments with particular regard to Darwin's theory of evolution and its development both in science and in philosophy.</li> <li>• Students are expected to have acquired the capacity for learning that is required to undertake future studies with great autonomy of judgment, capacity for critical understanding and lexical competence.</li> </ul>
<p><b>ASSESSMENT METHODS</b></p>	<p>Final oral assessment: The oral assessment is a viva in which knowledge and skills in the field of study are going to be tested. Final pass marks go from 18 to 30 points cum laude. The student is required to answer at least 2 or 3 oral questions regarding the whole program of study with reference to the suggested books (Darwin, Spencer and Nietzsche). To pass the examination students must obtain a 18/30 mark, which attests the basic knowledge of the course subjects, the basic achievement of the course objectives, the acquisition of the basic abilities to understand and to interpret the philosophical and scientific works presented in the course (Nietzsche, Darwin, Spencer), which belong to the history of the philosophical and scientific western thought of the XIX century, as well as to read critically the literature even in original language. Students are also required to show to have attained the basic competence in the methods for the historical, philosophical and scientific study of the philosophical and scientific traditions of the modern thought and in the hermeneutical and critical analysis of philosophical and scientific concepts, with particular regard to those of the XIX century's debate in the history of biology and philosophy on Darwin's theory of evolution. Students will improve as much in examination judgment as they display their argumentative and critical capacity, the proper use of the philosophical language and the proficiency at recognizing the difference of concepts like evolution, teleology, self-preservation instinct, self-regulation and at comparing their use by Darwin, Spencer and Nietzsche even in contrast to one another. In order to get the highest mark 30/30 students must prove to have advanced knowledge of the course subjects and to have attained all the expected above-mentioned outcomes. Therefore students must show to have reached the advanced knowledge of the historical, philosophical and scientific characters of the XIX century and the debate on Darwin's theory of evolution, advanced capacity for analysing, understanding, contextualizing and interpreting the texts of Darwin, Spencer and Nietzsche introduced in the course classes. Students must show advanced acquisition of technical language, autonomous judgment capacity, advanced capacity for the communication of information, concepts,</p>

	questions, objections and innovative solutions to scholars in the history of philosophy and of science or naïve interlocutors, with particular regard to the theories and concepts presented in the course.
<b>EDUCATIONAL OBJECTIVES</b>	The course aims at teaching how to face philosophical and scientific texts, in the original language and through the comparison with the Italian translation. From the specific point of view of the History of scientific and philosophical Thought about Darwin's Theory of Evolution, a concrete hermeneutical dialogue with the examined works ( Darwin, Spencer and Nietzsche) shall take place. This bears on the assumption of the interrelatedness of History of Philosophical thought and scientific Thought and on the assumption of the necessity that the students know the origin and the nature of philosophical and scientific concepts such as teleology, self regulation, evolution ecc. . In frontal teaching and seminars the texts are analyzed focusing both on arguments and philosophical and scientific vocabulary. Active participation is strongly recommended.
<b>TEACHING METHODS</b>	Frontal teaching; guided discussion on the proposed texts; seminars held by the students
<b>SUGGESTED BIBLIOGRAPHY</b>	Darwin C., L'origine della specie, Torino, Bollati Boringhieri; Spencer H. I Principii primi; Nietzsche F., La Gaia scienza, Milano, Adelphi; A scelta uno tra i seguenti saggi: Mostert P., Nietzsche's Reception of Darwinism, in Bijdragen tot de Dierkunde, 49 (2), pp. 235-246. Swift P., Nietzsche on Teleology and the Concept of Organic, International Studies in Philosophy, 31, pp. 29-41  Manuale consigliato: Geymonat L, Storia del pensiero filosofico e scientifico.

### SYLLABUS

Hrs	Frontal teaching
2	Presentation of the issue: the Theory of Evolution between Darwin, Spencer and Nietzsche
2	Presentation of Darwin's Theory of Evolution
2	Presentation of Spencer's thought
2	General presentation of Nietzsche's Thought
4	Presentation of papers on the relationship between Nietzsche and Darwin
Hrs	Practice
6	Analysis of Darwin's Text
4	Analysis of Spencer's text
8	Analysis of Nietzsche's Text