| 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<br>Workshops<br>Tutorials |

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

| Academic calendar | |
|---|---|
| Class begins | March 4, 2019 |
| Class ends | May 31, 2019 |

| 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*<br><br>*Applying knowledge and understanding: the student will become aware of the issues related to scientific research and of the communication of the results*<br><br>*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*<br><br>*Communicating knowledge and understanding: The study of logic will enable the student to achieve correct arguments in the dialogic and multimedia communication*<br><br>*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<br>• Introduction to propositional logic and quantifiers<br>• The philosophy of science in the nineteenth and twentieth centuries<br>• From the humanism of Pico dellaMirandola to contemporary post-humanism: will science transfigure the human? |
| Course program | |
| Bibliography | **Berto F**. *Logica da zero a Gödel.* Laterza<br><br>**Boniolo G. et Al.***Filosofia della scienza*, Raffaello Cortina Editore<br><br>Excerpts from:<br>**P. Teillard de Chardin,***Il fenomeno umano,* Queriniana, 2001<br>**M. Foucault**, *Le parole e le cose* 1966<br>**M. Farisco,***Ancora uomo. Natura umana e postumanesimo,* Vita e Pensiero 2011<br>**R. Kurtzweil,***La singolarità è vicina*, Maggioli 2014<br>**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 studieswith 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.<br>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*<br>• *Applying knowledge and understanding: Adequate knowledge of the controversial issues in the philosophy of science evaluated through an oral interview*<br>• *Making informed judgements and choices: Knowledge of relevant scientific controversies in modern and contemporary age assessed through an oral interview*<br>• *Communicating knowledge and understanding: Knowledge of the propositional and predicative logic, evaluated by written exoneration*<br>• *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 | |