

SYLLABUS

1. Course title:

Philosophy of nature

2. Code:

(max. 20 characters)

3. Cycle of study:

1

4. ECTS credits:

3

5. Type of course: Mandatory Elective**6. Prerequisites:**

Fulfillment of pre-examination obligations

7. Class restrictions:

none restrictions

8. Duration / semester:

1

3

9. Weekly contact hours:

9.1. Lectures:

2

9.2. Seminars:

1

9.3. Laboratory/Practice classes:

0

10. Faculty:

Faculty of Humanities and Social Science

11. Department/study program:

PHILOSOPHY-SOCIOLOGY

12. Lecturer:**13. Lecturer's e-mail:**

14. Web site:

www.ff.untz.ba

15. Course aims:

The aim of the course is to acquaint students with the historical genesis of the philosophical understanding of nature from the ancient period to modern times. Students will be introduced to the basic concepts and problems of philosophy of nature and theoretical elaborations and contexts of their origin.

16. Learning outcomes:

After attending classes, students will master the basic concepts and ideas of the philosophy of nature in a systematic, critical and historical way. By expanding and deepening knowledge about the genesis and diversity of approaches in understanding and interpreting nature, it will enable students to take a critical attitude towards previous and current perspectives.

17. Course content:

1. An attempt to determine the philosophy of nature and the relationship with other philosophical disciplines
2. Pre-philosophical understanding of nature
3. Pre-Socratic elaborations on nature
4. Plato's and Aristotle's conception of nature
5. Theological perception of nature in the Middle Ages (T. Aquinas, J. S. Eurigen)
6. Mechanistic conception of nature in the new century (Descartes, Newton, Kant)
7. The ontological identity of nature and spirit in Schelling's philosophy
8. The dialectic of nature and spirit in Hegel's philosophy
9. Nature in the context of technical development - nature as an instrument

18. Learning methods:

The course consists of theoretic lectures, dialogues and research methods, reading of original texts, comparative method, presentations, essays, seminar papers.

19. Assessment methods:

Knowledge assessment will be done by written method and orally. The knowledge test will be realized through questions and answers from the content of the subject. The oral exam will be organized for students who have passed written tests (colloquia) and those who would like a higher grade. The final grade will be included in the achieved results on the oral test, i.e. on the oral and written part of the exam for the students who took both exams. In addition to the examination results, the assessment also includes pre-examination obligations, activity, attendance, seminar papers, on the basis of which the assessment is performed and the final grade is formed.

20. Assessment components:

Presence and activity in the class:

- presence in lectures and exercises	10
- activity on the classes	10
- seminary paper defended	10
Written exam:	20
Oral exam:	50
Total points:	100

SYSTEM OF EVALUATION:

number of points: from 94-100=10, from 84-93=9, from 74-83=8, from 64-73=7, from 54-63=6, from 0 to 53=5

21. Required reading list:

1. Platon, Timaj, Mladost, Boegrad, 1981
2. Aristotel, Fizika, Hrvatska sveučilišna naklada, Zagreb 1992.
3. Ž.Kaluđerović, Predsokratovci, Hijatus, Zenica 2017.
4. Descartes, R., Osnovi filozofije, Matica hrvatska, Zagreb 1951.
4. Kant, I., Opća povijest prirode i teorija neba, Svjetlost, Sarajevo 1989.
5. Heisenberg, W., Fizika i filozofija, Kruzak, Zagreb 1997.
6. Šeling, F.W.J., Sustav transcendentnog idealizma, Naprijed, Zagreb 1965.
7. Hegel, G.W.F., Fenomenologija duha, Kultura, Zagreb, 1953.

22. Web sources:

23. Applicable starting from the academic year:

2021/22

24. Adopted in the Faculty/Academy session:

(max. 10 char.)
