COURSE OUTLINE

(1) GENERAL

SCHOOL	PHILOSOPHY		
ACADEMIC UNIT	PHILOLOGY		
LEVEL OF STUDIES	Undergraduate		
COURSE CODE	**GLOF181**	**SEMESTER**	**3-83**
COURSE TITLE	Introduction to Logic and Formal Semantics		

INDEPENDENT TEACHING ACTIVITIES *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits*	**WEEKLY TEACHING HOURS**	**CREDITS**
	3	5
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).		

COURSE TYPE *general background, special background, specialised general knowledge, skills development*	SCIENTIFIC AREA OF SPECIALIZATION
PREREQUISITE COURSES:	GLOF100
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek
IS THE COURSE OFFERED TO ERASMUS STUDENTS	Yes (in Greek)
COURSE WEBSITE (URL)	https://elearn.uoc.gr/

(2) LEARNING OUTCOMES

Learning outcomes
The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.

Consult Appendix A
- *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area*

- *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B*

- *Guidelines for writing Learning Outcomes*

The main course objective is to introduce students with elementary systems of logic and provide an introduction to the field of Formal Semantics. Specifically, upon completion of the course, students should:

1) Have knowledge of Propositional and First-Order Logic
2) Be able to do simple translations for Natural Language to Logics, deal with elementary models of truth and simple proofs.
3) Get a glimpse of the mainstream formal system used today in Formal Semantics, i.e. Montague Semantics.
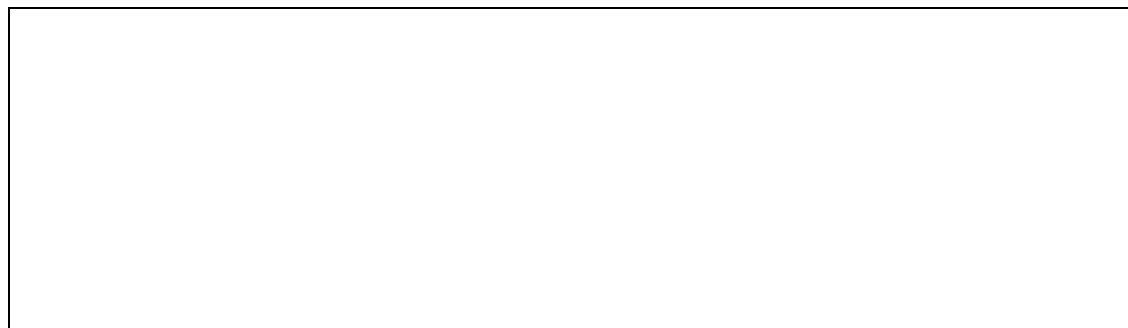
General Competences
Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information, with the use of the necessary technology	*Project planning and management*
	Respect for difference and multiculturalism
Adapting to new situations	*Respect for the natural environment*
Decision-making	*Showing social, professional and ethical responsibility and*
Working independently	*sensitivity to gender issues*
Team work	*Criticism and self-criticism*
Working in an international environment	*Production of free, creative and inductive thinking*
Working in an interdisciplinary environment	*……*
Production of new research ideas	*Others…*
	…….

Search for, analysis and synthesis of data and information, with the use of the necessary technology
Working independently
Working in an international environment
Decision-making
Production of free, creative and inductive thinking
Working in an interdisciplinary environment
Team work

(3) SYLLABUS

The course has both a theoretical and a practical part. In the theoretical part, propositional and First-Order Logic are introduced and their formal systems are presented. In the practical part, the students will be shown how these formal systems can be used for the analysis of Natural Language meaning.

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(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY *Face-to-face, Distance learning, etc.*	Face-to-face
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	• Class lectures, presentations, slides (pdf) • Class notes, announcements & communication via ClassWeb • Communication via email

TEACHING METHODS *The manner and methods of teaching are described in detail.* *Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.* *The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS*	Activity	Semester workload
	Lectures	39
	Independent study and exam preparation	83
	Final written exam	3
	Course total	*125*

STUDENT PERFORMANCE EVALUATION *Description of the evaluation procedure* *Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other*	Three hour long written exam in Greek

Specifically-defined evaluation criteria are given, and if and where they are accessible to students.	

(5) ATTACHED BIBLIOGRAPHY

- Προτεινόμενη Βιβλιογραφία:

Coppock, E., & Champollion, L. (2019). Invitation to formal semantics. Manuscript, Boston University and New York University.

(accessible at: https://eecoppock.info/bootcamp/Invitation_to_formal_semantics-2022Jan18.pdf)

Chatzikyriakidis S. Course material for the Introduction to Logic and Formal Semantics. (uploaded at eLearn).