

COURSE OUTLINE

1. GENERAL

INSTRUCTOR	VINA TSAKALI		
SCHOOL	PHILOSOPHY		
SEMESTER	SPRING		
DEPARTMENT	PHILOLOGY-SECTION OF LINGUISTICS		
LEVEL	UNDERGRADUATE		
COURSE CODE	GLOF 181	CYCLE OF STUDY	ALL
COURSE TITLE	INTRODUCTION TO LOGIC AND FORMAL SEMANTICS		
AUTONOMOUS EDUCATIONAL ACTIVITIES		TEACHING HOURS PER WEEK	CREDITS/ECTS
IN CLASS LECTURES		3	5
COURSE TYPE		BACKGROUND, SCIENTIFIC DISCIPLINE, DEVELOPMENT OF PROFICIENCIES	
<i>Background, General knowledge, Scientific discipline, Development of Proficiencies</i>			
PREREQUISITIES	NONE		
TEACHING AND EXAM LANGUAGE	GREEK		
AVAILABLE TO ERASMUS STUDENTS	YES (in Greek)		
WEBSITE (URL)	https://classweb.cc.uoc.gr/classes.asp		

2. LEARNING OUTCOMES

LEARNING OUTCOMES
<p>Upon successful completion of this course, students should be able to:</p> <ol style="list-style-type: none"> 1. Identify and analyze the relation of language and meaning 2. Understand the terminology and the concepts of formal semantics 3. Make use of the tools of typical logic in describing the meaning of natural languages 4. Describe and depict the distinct meanings associated with semantically ambiguous sentences.
BROAD KNOWLEDGE/COMPETENCIES
<ul style="list-style-type: none"> • Development of independent, creative and deductive thinking • Exercising critical thinking on scientific studies • Practicing self-improvement • Working in an interdisciplinary environment with multi-cultural data

3. COURSE DESCRIPTION

<p>The course aims to familiarize the students with the concepts and theories of the meaning of natural language semantics. The course examines the various issues and the formalization used in the field of Logic and formal Semantics. The focus is on the following central concepts:</p> <ol style="list-style-type: none"> A) The empirical domain of formal Semantics: natural languages and the meaning as a biologically determined capability, the universality of the semantics and the conditions ruling the theories of semantics. The role of intuition and the role of context. B) The logical relations between sentences: the notions of entailment, presupposition and implicature. C) Propositional & Predicate Logic D) Quantifiers and Set Theory.

4. TEACHING AND LEARNING METHODS-EVALUATION

MODE OF DELIVERY	In class lectures	
OTHER SOURCES/ TECHNOLOGICAL AND COMMUNICATION SUPPORT	<ul style="list-style-type: none"> - All class material available in class-web - Communication via e-mail 	
COURSE STRUCTURE	ACTIVITY	WORKING LOAD

	Lectures	(3×13=) 39
	Final Exams	3
	Independent study	83
	Total	125
	(25 working hours per credit)	
STUDENT ASSESSMENT	<p>I. Writing Final Exam (100% of grade) testing:</p> <ul style="list-style-type: none"> - the immersion of course information - the critical synthesis of the course information - application of taught solutions on novel data 	

5. SUGGESTED BIBLIOGRAPHY

SUGGESTED BIBLIOGRAPHY (in Greek):

- Lectures Notes (available in class-web)
- Fromkin V., Rodman R., Hyams, N. (2008). *Εισαγωγή στη μελέτη της γλώσσας*. Αθήνα: Εκδόσεις Πατάκη.
- Καλοκαιρινός, Α. 2015. *Στοιχεία λογικής για τη γλωσσολογία*. Ρέθυμνο (αναρτάται στο classweb)

SUGGESTED BIBLIOGRAPHY (in English):

- O'Grady, W., Dobrovolsky, M., & Aronoff, M. (1997). *Contemporary Linguistics: An Introduction*, (3rd Ed). New York: St. Martin's Press.
- Chierchia, G. & S. McConnell-Ginet 2000. *Meaning and Grammar. An Introduction to Semantics*. Cambridge, Mass: MIT Press
- Gamut, L.T.F. 1990. *Logic, Language and Meaning*. Chicago & London: Chicago

University Press

- Grayling, A.C. 1997. *An Introduction to Philosophical Logic*. Oxford / Malden: Blackwell
- Heim, I. & A. Kratzer 1998. *Semantics in Generative Grammar*. Malden / Oxford: Blackwell
- Portner, P.H. 2005. *What is Meaning? Fundamentals of Formal Semantics*. Malden / Oxford: Blackwell
- Saeed, J.I. ⁴2014. *Semantics* [ch. 10: "Formal Semantics"]. Malden / Oxford: Blackwell.