

**Phil 122 – Winter 2024**

Gila Sher

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T,Th 5-6:20 PM

Office Hour: Th 2-3 PM

Dept of Phil, room 0482

**Topic: Logical Consequence**

Prerequisite: Phil 120 or the instructor's permission

Grades: Midterm (1/3), Final (2/3)

Textbook: G. Sher – *Logical Consequence* (Bookstore)

Integrity Requirements in Force

**Schedule of Classes & Readings:**

- T 1/9            *Introduction to Class*
- Th 1/11        *The Idea of Logical Consequence and other Preparatory Issues:*  
Section 1 (pp. 1-4).
- T 1/16        *Tarski's Route from Truth to Logical Consequence:*  
Section 2 (Opening), 2.1, 2.2 (pp. 4-8).
- Th 1/18        *Fundamental Adequacy Conditions and Failure of Substitutional Definition:*  
2.3, 2.4 (pp. 8-11)
- T 1/23        *The Semantic, Model-Theoretic Definition: 2.5 (pp. 11-21)*
- Th 1/25        *Cont.*
- T 1/30        *Adequacy and Challenges: 2.6 (pp. 21-26).*
- Th 2/1        *Partial Solution to the Necessity and Formality Challenges; Methodology:*  
3.1, 3.2 (pp. 26-29)
- T 2/6        **Midterm**
- Th 2/8        *General Invariantist Solution to the Logicality Challenge: 3.3 (pp. 29-40)*
- T 2/13        *Cont.*

- Th 2/15      *General Invariantist Solution to the Necessity and Formality Challenges:*  
3.4 (pp. 40-45)
- T 2/20      *Philosophical Foundation of Logic and Features of Logical Consequence:*  
4.1, 4.2 (pp. 46-51)
- Th 2/22      *The Normativity of Logic; the Status of the Invariance Criterion:*  
4.3, 4.4 (pp. 51-54)
- T 2/27      *The Scope of Logic, Bivalence, and the Relation between Logic and Mathematics:*  
4.5, 4.6 (pp. 54-60)
- Th 2/29      *Important Metalogical Theorems (including Completeness and Incompleteness);  
Confusions concerning Tarski: 4.7, 4.8 (pp. 60-64)*
- T 3/5      *Etchemendy's Criticism of the Semantic Definition of Logical Consequence and  
Response: Section 5 (opening), 5.1 (pp. 65-69).*
- Th 3/7      *Field's Criticism of the Semantic Definition of Logical Consequence and  
Responses: 5.2 (pp. 69-72).*
- T 3/12      *Criticisms of the Isomorphism-Invariance Criterion of Logicality and Responses:  
Section 6 (opening), 6.1, 6.2 (pp. 72-85).*
- Th 3/14      *Cont. Preparation for Final*