

PIU33043 Logic and Philosophy

Credits:	5 ECTS credits
Contact Hours:	22
Pre-requisite:	PIU22023 (or equivalent)
Semester:	MT
Module Leader :	James Levine
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Room Number:	5004, Arts Building
Office Hours:	(To be determined after the timetable is fixed)

Module Outline:

This module will focus on three main topics: Aristotelian logic and its differences with contemporary logic; modal logic—the logic of necessity, possibility, and impossibility; and set theory. Throughout, we will consider both technical and philosophical

aspects of the topics covered.

Learning Outcomes:

At the end of this course students will be able to:

- Distinguish technical and philosophical issues arising in logic
- Understand the syntax and semantics of various systems of logic
- Critically evaluate the extent to which logic is relevant for addressing philosophical issues.

Recommended Reading List:

To be announced in class

Assessment:

- One essay, worth 50% of the overall mark
- One-hour final exam, worth 40% of the overall mark
- 3 sets of exercises, worth 10% of the overall mark