**Trinity College Dublin**
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

# Logic and Philosophy | PIU33041

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| Year | Junior Sophister |
| ECTS Credits | 10 |
| Contact Hours | 22 |
| Pre-requisite | PIU22023 (or its equivalent) |
| Semester | 1 |
| Module Leader & Lecturer | James Levine |
| Contact Email | jlevine@tcd.ie |

## Module Outline:

After reviewing and introducing some aspects of the distinction between syntax and semantics in logical theory, we will focus in this module on two main topics: Aristotelian logic and its relation to standard contemporary predicate logic; and set theory. Throughout, we will consider both technical and philosophical aspects of the topics covered.

## Assessment:

2 Essays (one after reading week; the other at the end of module) 50%: 1 Examination (end of module) 40%; Exercises 10%

## Recommended Reading List:

An extensive and detailed reading list will be made available at the start of the module, and readings will be made available on Blackboard.

An introduction to some of the issues we will discuss regarding Aristotelian logic may be found in Strawson, *Introduction to Logical Theory* (1952), Chapter 6. For a sense of some issues we will discuss regarding set theory, see A. W. Moore, *The Infinite* (Third Edition, 2019), Chapters 8-10 (these chapters are unchanged from earlier editions).