This preliminary reading list is intended for Pembroke students taking *Mathematics and Philosophy*. In your first year course, you will take two papers: *Introduction to Philosophy* (divided into General Philosophy and Frege’s Foundations of Arithmetic) and *Elements of Deductive Logic*. You are strongly encouraged to try to read as much as you can of the preparatory reading given below; doing so will certainly help make your first year easier!

**General Philosophy**

The course concentrates on topics connected to knowledge, reasoning, mind and body, personal identity, free will and the existence of God. Useful introductory texts are:

- Simon Blackburn *Think: A Compelling Introduction to Philosophy*
- Thomas Nagel *What Does It All Mean?*
- E. Conee and T. Sider *Riddles of Existence*
- Bertrand Russell *Problems of Philosophy [available online]*

All four contain discussions of topics in general philosophy which will be covered in your first year, in particular the first six chapters of Russell’s book, chapters 1 and 6 of the Conee and Sider book, chapters 2, 3, 4 and 6 of the Nagel book and all chapters of the Blackburn book.

**General Philosophy – Online Resources**

You may wish to read and think about the following links from the Stanford Encyclopedia of Philosophy. These are on the six topics covered in the General Philosophy course:

- [https://plato.stanford.edu/entries/knowledge-analysis/](https://plato.stanford.edu/entries/knowledge-analysis/)
- [https://plato.stanford.edu/entries/skepticism/](https://plato.stanford.edu/entries/skepticism/)
- [https://plato.stanford.edu/entries/dualism/](https://plato.stanford.edu/entries/dualism/)
- [https://plato.stanford.edu/entries/freewill/](https://plato.stanford.edu/entries/freewill/)
Frege: Foundations of Arithmetic
This course approaches issues in the philosophy of mathematics via the seminal work of the German logician Gottlob Frege. The set text is:

Gottlob Frege  
*Foundations of Arithmetic* (tr. J. L. Austin)

An accessible introduction to Frege’s work is

Edward Kanterian  
*Frege: A Guide for the Perplexed*

Elements of Deductive Logic
This includes introduction to logic, which has one set text:

Volker Halbach  
*The Logic Manual*

Introduction to logic is followed by a more advanced course on elements of deductive logic. A good textbook covering the material taught is:

David Bostock  
*Intermediate Logic*, Oxford University Press

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*Guy Kahane and James Read, Philosophy Fellows, Pembroke College*