

DEPARTMENT FOR CONTINUING EDUCATION

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READING LIST

Course Title: The Quantum Universe
Location: Ewert House, Oxford
Term Dates: 02 Oct 2025 to 04 Dec 2025
Tutor: Marina Debattista

The reading list below was supplied by the course tutor.

If you have enrolled on a course starting in the autumn, you can become a borrowing member of the Rewley House library from 1st September. If you are enrolled on a course starting in other terms, you can become a borrowing member once the previous term has ended. For example, students starting in January can join the Library in early December and those starting in April can join in early March.

If you are planning to purchase any books, please keep in mind that courses with insufficient students enrolled will be cancelled. The Department accepts no responsibility for books bought in anticipation of a course running.

Preparatory Reading List

The items on this list are to give you some background to the materials and ideas that we will be covering on the course.

| Author | Title |
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| A. Whitaker | <i>The New Quantum Age: From Bell's Theorem to Quantum Computers and Teleportation</i> |
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Course Reading List

The items on this list are to support your learning while you are taking the course.

| Author | Title |
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| A.I.M. Rae | <i>Quantum Physics: Illusion or Reality</i> |
| C. Rovelli | <i>Seven Brief Lessons on Physics</i> |
| G. Gamow | <i>Thirty Years that Shook Physics</i> |
| Hay and Walters | <i>The New Quantum Universe</i> |
| J. Al-Khalili | <i>Quantum: A Guide for the Perplexed</i> |
| Rovelli, Carlo | <i>The Order of Time (Penguin Books, 2018)</i> |
