

Studying Physics at Oxford

Physics is concerned with the study of the Universe from the smallest to the largest scale, why it is the way it is, and how it works. Physics principles underpin all of the other scientific disciplines, from chemistry through material science to biology. Oxford has one of the largest physics departments in the world and hosts an outstanding and broad teaching and research programme.

Studying Physics at St Anne's

At St. Anne's you will benefit from being taught by experts who are leaders in their respective fields. We have a vibrant and friendly student community who will welcome you into the fold. You will join with physics students at St. Anne's and also mix with the whole Oxford student physics cohort in lectures, classes and labs.

Study durations

You can apply to study physics as a single or joint subject.

	Ext AY	AY	Fall Term	Hilary and Trinity terms	Studied with other subjects
Physics	☒	☒	☒	☒	☒ Philosophy or Maths Please enquire about other subject possibilities. It is not possible to study physics with another science.

Courses

Visiting students would typically study the second or the third year Oxford physics course, depending on the student's level, and join in lectures and tutorials with current St. Anne's undergraduates. Mixing courses between the two years cannot often be accommodated due to timetable clashes, however in exceptional circumstances this might be possible.

Second year Oxford physics courses are core classical physics topics: *mathematical physics, quantum mechanics, thermal physics, electromagnetism and optics*.

Third year courses are more cutting-edge topics: subatomic physics, symmetries, special and general relativity, fluids, condensed matter and atomic physics (all of which require a background in the second year courses as a pre-requisite). Visiting students cannot study any of the fourth year (MMathPhys or MPhys) courses.

Participation in practical labs is also possible during Michaelmas and Hilary terms. Oxford students sit exams in Trinity term and generally intensive revision tutorials are only available in that term. However, if availability exists, a mini-project may be possible as a substitution.

Pre-requisites

You will already be studying physics at your home institution. Ideally you will have completed courses equivalent to the first year of the Oxford degree course. If you wish to access third year Oxford courses then you need to have completed any necessary pre-requisite courses as well.

Additional information

Department of Physics - <https://www.physics.ox.ac.uk/>