

# ***PHYSICS for Visiting Students***

## **What you'll study**

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 courses are the more core classical physics topics: mathematical physics, quantum mechanics, thermal physics, electromagnetism and optics. Third year courses are the more cutting-edge topics: nuclear and particle physics, cosmology, symmetry and relativity, fluids, condensed matter and atomic and molecular physics (but which typically require a grounding in the second year subjects). 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 a mini-project may be available as a substitution.

## **Why study Physics at St Anne's?**

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. 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 to also mix with the whole Oxford student physics cohort in lectures, classes and labs. St. Anne's hosts the largest college library in the university, it is very well stocked, with multiple copies of the mainstream textbooks for students to borrow.

## **How you'll be taught**

Students will typically spend the following lengths of time engaged in different academic activities in Physics:

- Lectures. Typically 10-12 per week.
- Tutorials. Typically 16 per term.
- Classes. Typically 4 per term.
- Labs. Typically 1 day per week (if desired).

## **You can take this course for:**

The Full Academic Year	Yes
Hilary and Trinity terms only (January – June)	Yes in principle, although you should consult the Visiting Student team before submitting your application.
Michaelmas term only (October – December)	Yes