CHOOSE PEMBROKE FOR SCIENCE
Pembroke College has a strong reputation in the sciences. We are committed to excellence - Pembroke scientists last year won twelve first class degrees and a number of university prizes. Our strong interdisciplinary ethos and collaborative environment encourages undergraduates to work together with graduates and academic staff.

One of the most dynamic of the Oxford colleges, Pembroke is a lively and ambitious intellectual community where students and academics alike are passionate about their subjects. We are committed to ensuring that motivated and talented students from any background feel able to apply to Pembroke.

If you are thinking about pursuing an undergraduate degree in science, here are 5 great reasons why you should #ChoosePembroke.
My achievement would not have been possible without the support that Professor Clive Siviour, other tutors and the College provided. So I thank you very much for that.

Samuel Putra  
(Chemical Engineering)  
Departmental Award winner for Best Performance in Chemical Engineering Finals, 2016

www.pmb.ox.ac.uk/news/samuel-putra

2 A VIBRANT COMMUNITY

Pembroke science students are part of an active and supportive student community. The College plays host to a broad range of student-led activities, clubs, societies and initiatives.

So friendly, welcoming & enthusiastic...that’s why I applied here (and why I chose to stay another 4 years for my DPhil!)

Katerina Johnson  
(Interdisciplinary Bioscience)

The best thing about Pembroke is how friendly and supportive everybody is... I feel that there is always somebody to turn to if I need help.

Katherine Wood (Biochemistry Molecular and Cellular)

All current undergraduates are automatically members of the JCR (Junior Common Room). The JCR has an elected committee of undergraduates who ensure that the interests of students are fairly represented in the College by collaborating closely with a range of departments. JCR Representatives cover a diverse range of topics, including welfare, academic, sports, the arts and much more. The Committee also organises a range of social events for students throughout the year.

Pembroke is home to a lively academic and social MCR (Middle Common Room) community made up of graduate students. Pembroke’s JCR/MCR Mentoring Scheme is an opportunity to learn from postgraduate students, who offer academic and study skills guidance to undergraduates. The scheme fosters a supportive network amongst the Pembroke student body and aims to facilitate effective learning.

www.pmb.ox.ac.uk/news/jcr-mcr-mentoring
Pembroke science students can apply for Rokos Awards - fully funded summer internships in labs in Oxford and across the world, giving Pembroke students a unique opportunity to enhance their studies and scientific knowledge by pursuing further research in an academic setting.

Manned exploration of space remains one of humanity’s great aims. For the past two years the Hypersonics Research Group at the University of Oxford has been extending the capability of its high speed wind tunnel, the T6 Stalker tunnel, to allow shock layer radiation experiments relevant for landing manned space vehicles on Mars… the opportunity to join an active research group and potentially contribute to research overcoming obstacles preventing a manned mission to Mars held obvious appeal.

Being a part of the OcuLab team for the summer gave me the opportunity to participate in an interdisciplinary scientific body, working to do what was previously thought impossible without major surgical intervention – allowing the blind to see.


Hope Oloye (Biomedical Sciences)

Read the Rokos Awardees’ final reports at www.pmb.ox.ac.uk/finance-reports-rokos
Pembroke’s scientists belong to a wider academic community, where cross-disciplinary links are made. Tutors coordinate a variety of societies and events for students on their courses. Students have the opportunity to attend lectures, seminars and other academic-related events (within and beyond their area of study), often involving high-profile speakers and experts in their field.

Professor Hannah Smithson is the co-investigator of cross-disciplinary research project ‘The Ordered Universe Project’. The project is dedicated to fresh and original examinations of medieval science. The project focuses on interdisciplinary readings of the scientific works of the remarkable English thinker Robert Grosseteste (c.1170-1253). Science and humanities scholars, including academics and students from Pembroke, work together to interpret his writings and arrange workshops to engage with members of the public.

Gravitational waves have been heralded as the scientific discovery of the century. Alberto Vecchio, part of the international research team that made the discovery, visited Pembroke College to explain how they were discovered and what it means for physics.

Here at Pembroke we have a Maths Club for undergraduates. At termly meetings a guest speaker delivers an engaging talk about real life application of mathematics, such as Medical Imaging, Electrical Activity of the Heart, Centrality Measures in Protein Interaction Networks or Copositive Polynomials.

My time at Pembroke has been incredibly stimulating and enriching. Pembroke College is a place where Fellows and students from a huge range of disciplines and backgrounds learn and live together.
The College offers a guarantee of three years of student accommodation; great food and a convenient environment in the heart of Oxford. Students benefit from 24 hour access to the College library and can book seminar rooms to study in.

We encourage students to have a balanced lifestyle at Oxford, and students excel in and enjoy a wide range of activities – from student journalism to rowing; a lively music scene and the College's very own student-owned art collection. There are opportunities beyond Oxford – for example, every year four students have the opportunity to spend two weeks in Japan with the Technos International Event.

Never in my life have I experienced such varied culture, hospitality or sheer wonder as I did on my two-week visit to the college… in the next few weeks I could find out anything and everything about living in Japan and these students and their lives.

Dom Saad (Medicine)
Technos International Event participant, 2016

With over 200 works of art, the JCR Art Committee has been able to direct funds into the restoration and the acquisition of pieces, with the aim to gain at least one notable work of art by a contemporary British artist every year.

The College offers a wide range of financial support to undergraduates including scholarships, grants, hardship funds and travel prizes.

www.pmb.ox.ac.uk/finance

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www.pembrokejcrart.org/about

30 students received college scholarships, including a £1000 room rent reduction 2016-17

Tenerife
Borneo
Hong Kong

Selection of recently funded field study locations

Above The JCR Art Gallery's 70th Anniversary exhibition opening
Below Members of the Pembroke Men's First rowing team, Torpids 2016

www.pmb.ox.ac.uk/news/technos-2016

www.pembrokejcrart.org/about
To learn more about the undergraduate science courses offered at Pembroke, visit:

www.pmb.ox.ac.uk/study-pembroke/courses

To find out more about Pembroke, follow us on social media:

@pembrokeoxford

Or on YouTube:

/pembrokecollege