

Studying Medicine at Oxford



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& Genetics**

**3-year pre-clinical course and then 3-year clinical course
Strong emphasis on Science and its Clinical Application**

**Oxford Colleges provide small scale academic community
and tutorial teaching**

Why study Medicine at Oxford?

- **Join one of the top ranked medical schools in the UK and the World**
- **Be part of the highest ranking biomedical sciences institution in the UK and one of the leading research and teaching Universities in the world.**
- **Benefit from the unique Oxford course where you will be taught by world leaders in their fields at both University and College level.**



Oxford Medical Research Headlines



Social media has limited effects on teenage life satisfaction May 2019

Iron deficiency linked with cardiovascular disease June 2019

New maps could show how to beat malaria May 2019

New method developed to target cause of Parkinson's May 2019

Researchers spot tell-tale signs of potentially fatal cardiac arrest June 2019

Identification of protective antibodies key to malaria vaccine June 2019

Is the Oxford Medical School any good?

Times Higher world rankings Medicine

	Rank 2019	Rank 2018
University of Oxford	1	1
Harvard University	2	=2
University of Cambridge	3	=2
Imperial College London	4	=4
Stanford University	5	=4
Johns Hopkins University	6	6
UC Berkeley	7	7
UCL	8	12

National Student Survey

Medical School	Overall satisfaction rating 2018
Oxford	94%
Imperial	89%
UCL	81%
Cambridge	69%

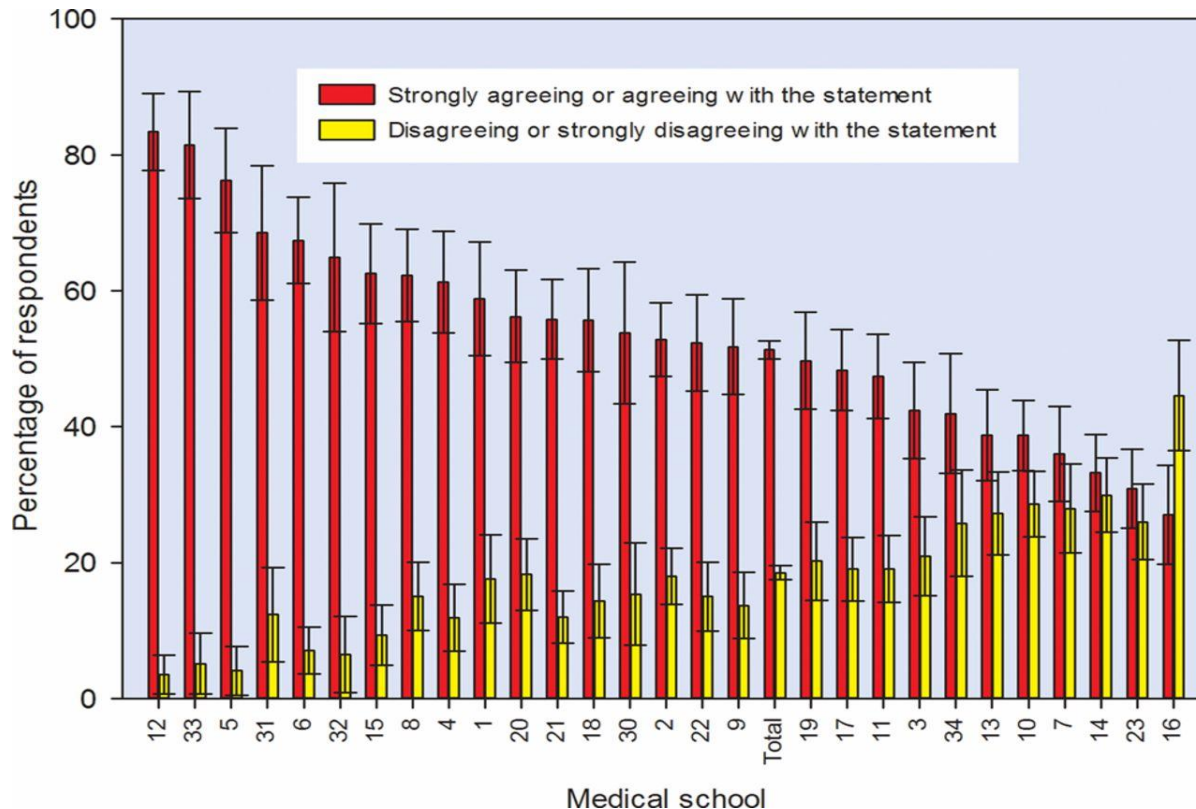
Are Oxford medical students well prepared to be a Doctor?

**Oxford students have a 100% pass rate in the National Prescribing Exam
(five prize winners this year)**

**80% of Oxford students were placed in their 1st choice foundation school
and in 2018 26 were in Academic Foundation Posts.**

**Percentages of doctors one year after graduation who agreed or disagreed with the statement
“My experience at medical school prepared me well for the jobs I have undertaken so far”**

Goldacre MJ (2014) Postgrad. Med. J 90:63-68.



Are Oxford Medical Students successful in their future careers?

Specialty exam pass rates for doctors in specialty training from 01 August 2013 – 31 July 2017 shown by the organisation awarding their undergraduate medical degree or primary medical qualification

Version: 09/07/2018

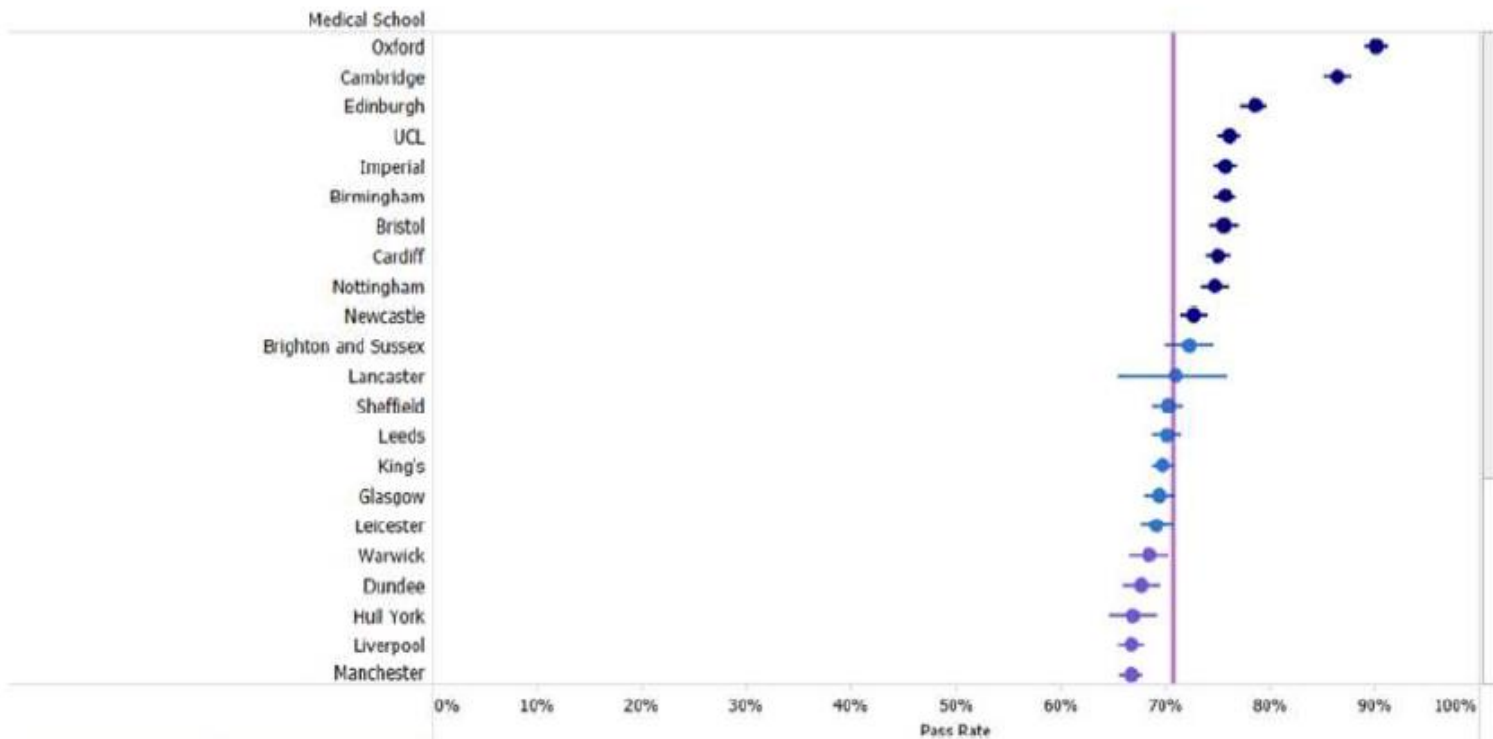
College
All

Exam Name
All

Medical School by
PMO Awarding Body

Demographic
None

Year
All



Oxford is not an expensive place to study.

- Colleges are able to offer relatively cheap accommodation, with rent payable only during term time (8 weeks) rather than the whole year.
- Food and drink in Colleges is subsidised, so students can eat well at a low cost.
- College all have libraries which have all the main text books, so students will often not need to spend money on books.
- Oxford is a compact city and many of the Colleges, Departments, Libraries and other facilities are a short walk or bike ride away. There is no need to spend money on public transport in Oxford.
- Many Colleges also offer study grants, travel grants and scholarships and awards for doing well in examinations.

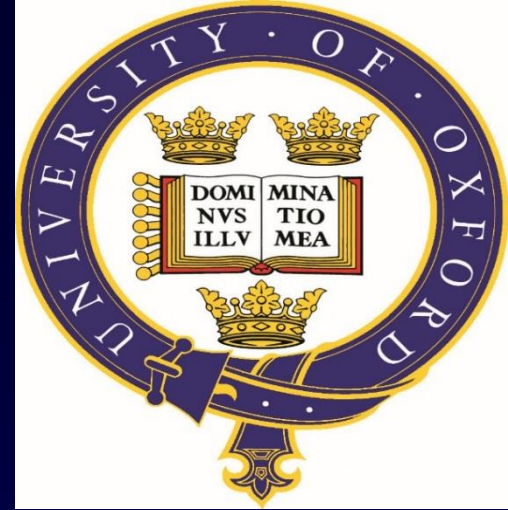
Oxford Tuition Fees

- Tuition fees are £9,250, which will be paid back through taxation when you earn over £25,000.

Oxford has the best support package of all UK Universities for UK students
1 in 4 UK students at Oxford currently receive an annual, non-repayable bursary

YOUR HOUSEHOLD INCOME	YOUR NON-REPAYABLE MORITZ-HEYMAN BURSARY (PER YEAR)
£5,000 or less	£5,000
£5,001–£27,500	£4,200
YOUR HOUSEHOLD INCOME	YOUR NON-REPAYABLE OXFORD BURSARY (PER YEAR)
£27,500–£30,000	£2,000
£30,001–£35,000	£1,500
£35,001–£37,500	£1,000
£37,501–£40,000	£800
£40,001–£42,875	£500

The Oxford Medical Degree Course is Six years



3-year pre-clinical science course

- Bachelor of Medicine part I
- Final Honours degree in Medical Sciences - BA

Apply to clinical school

3-year clinical course

- Bachelor of Medicine part II - BM:BCh

The Pre-clinical Course at Oxford

The first three years

Year 1

First BM: Part I Three eight week terms - Exams

Year 2

First BM: Part II Two eight week terms

Summer term - Exams - then start year 3

Year 3

Final Honours course

BA in Medical Sciences

Principles of Clinical Anatomy

The Clinical Course at Oxford

The last three years

Year 4

Patient Doctor II - Laboratory Medicine – Surgery & Medicine – District General Hospital – Special Study Module

Year 5 Clinical Rotations

Clinical Neurology - Ophthalmology - Psychiatry

Genitourinary - Obstetrics & Gynaecology – Paediatrics - Dermatology

Orthopaedics - Emergency Medicine - Otolaryngology

Primary Care - Public Health - Gerontology - Palliative Care

Year 6

Medicine – Surgery – DGH – finals exams January

Elective and special study modules

Preparation for practice

Year I First BM: Part I

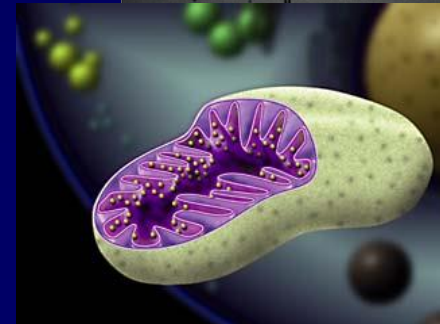
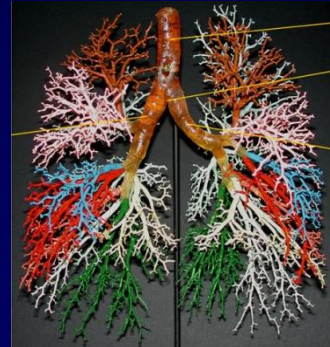
Lectures and Practicals supported by College Tutorials in Pre-Clinical Sciences

3 main courses and two smaller courses

- **Organization of the Body**
- **Physiology & Pharmacology**
- **Biochemistry & Medical Genetics**

- **Medical Sociology**

Patient & Doctor Course



First BM Exams

Formal Exams are kept to a minimum!

(regular informal formative assessments)

- **At the end of the 1st year are the main exams**
- **3 major subjects each with an essay paper and a basic 'core' electronic exam**
- **Medical sociology one paper**

YEAR 2 First BM: Part II - Terms 4 & 5

Applied Physiology and Pharmacology

Nervous System

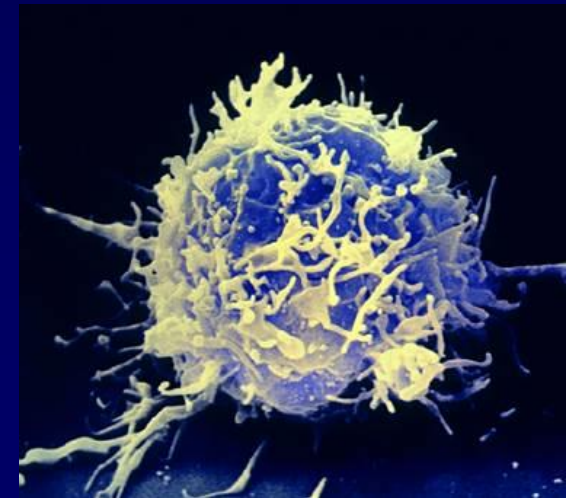


Principles of Pathology

Psychology for Medicine

Patient & Doctor Course continues

Exams in Summer term in year 2



COLLEGES

Pembroke Rowing

Colleges are small scale academic communities and provide tutorial teaching

Pembroke College Rokos Quad

The background image shows the Rokos Quad at Pembroke College. It features a large, multi-story brick building with a courtyard in the center. A prominent staircase with a metal railing leads up from the courtyard to an upper level of the building. The sky is a clear, deep blue, suggesting dusk or dawn. The building has many windows, some of which are illuminated from within, and there are balconies or walkways on the upper floors.

- **All Colleges have at least one Medical Tutor**
- **A Medical Tutor is a University Lecturer and also a Fellow of the College who looks after you during your studies**
- **Academic provision is similar in all Colleges with teams of tutors providing weekly tutorials in the major subjects you are studying**

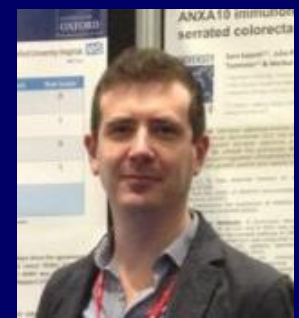
Pembroke College

Jeremy Taylor 1st and 2nd year Tutors

Neuroscience/Organisation of the Body

Oliver Rider

Physiology & Pharmacology



Biochemistry

**Richard Colling
Pathology**



Fredrik Karpe, Andre Furger, Lisa Walker, Katherine Pinnick

**Ed Mitchell
Psychology**



College Tutorials

First and second year tutorials in subjects covered in the BM are taught in College



FHS advanced tutorials are provided by tutors and research staff from across the medical school

Final Honours Course BA in Medical Sciences

There are ten options:

- Pharmacology & signalling
- Endocrinology & metabolism
- Cardiovascular science

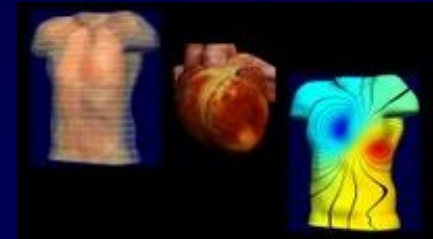


• Molecular pathology

• Development and disease

• Infection

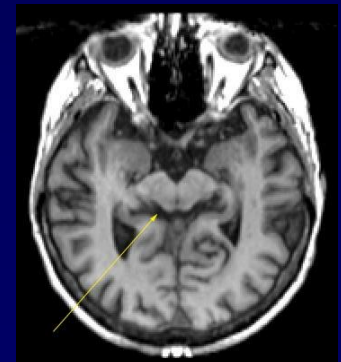
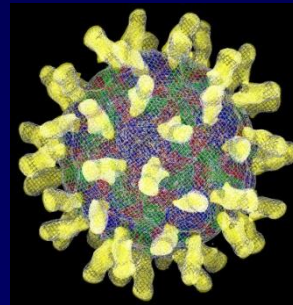
• Immunity



• Cellular neuroscience

• Systems neuroscience

• Cognitive and behavioural neuroscience



Final Honours Course in Medical Sciences

Starts after BM exams in summer term year 2, with a research project based in one of the many laboratories in the Oxford Medical Sciences Division.

- Lectures in chosen options (Y3)
- Seminars in chosen options (Y3)
- Tutorials in chosen options (Y3)
- Research Project
- Scientific essay in different topic

Abdi A, Mallet N, **Mohamed FY**, Magill PJ (2015) Prototypic and arkypallidal neurons in the dopamine-intact external globus pallidus. *J. Neuroscience*. 35:6667-88.

Tan H, **Wade C**, Brown P (2016) Post-movement beta activity in sensorimotor cortex indexes confidence in the estimations from internal models. *J. Neuroscience* 36:1516-28.



Examples of Research Projects

The background of the slide is a microscopic image of neurons. The cell bodies (soma) are stained bright yellow, and their processes (dendrites and axons) are stained red, creating a complex, interconnected network against a dark background.

Inter-hemispheric processing in dyslexia

Menstrual cycle hormones reversibly induce nucleoplasmic reticulum in endometrial cells

Global molecular epidemiology of HIV

Eye tracking of atypical attention and memory in Autism

Development of working memory in infants

The role of type 2 innate lymphoid cells in allergy

FHS Assessment:

- **Write up and present your research project**
- **Extended Essay**
- **Two exam papers in your Option (specialist and integrative)**
- **Data handling and critical reading paper**



PRINCIPLES OF CLINICAL ANATOMY

Taught as a three-week block

- preparation for Clinical School
- Clinicians involved every day



Clinical School

The John Radcliffe Hospital Headington



Children's Hospital
and West Wing

Neurology and Eye
Hospital

What are we looking for?

**A PASSION FOR
EXCELLENCE**

Any Questions?

?

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Clinical Education at Oxford

160 students per year in the Oxford Clinical Course
(30 are Graduate Entry)

Oxford Hospitals provide the majority of training
John Radcliffe, Churchill, Nuffield Orthopaedic Centre.

15% students on rotations
District General Hospitals
Reading, Northampton, Swindon, Banbury,
High Wycombe, Aylesbury, Milton Keynes

6% in primary care

