Studying Medicine at Oxford

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Pembroke College
Department of Physiology Anatomy and Genetics

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

Colleges provide small scale academic community and tutorial teaching
Why study Medicine at Oxford?

• One of the top ranked medical schools in the UK and the World

• National Student Survey consistently over the past years Oxford is the top medical school in the UK

• Be part of the highest ranking biomedical sciences institution in the UK and one of the leading research and teaching Universities in the world
The Royal College of Anesthetists examinations 1999 - 2008

Oxford 92.6%
Next highest 89.3%

The Royal College of Obstetricians & Gynecologists Part 1 and Part 2 exams 1998 - 2008

Oxford
Part I 82.6%  Part II 82.4%
Next highest  Part I 75%  Part II 81%
Oxford Tuition Fees.

• Students now pay fees of up to £9,000, which will be paid back each month through taxation after students have left University, but only if they earn over £21,000.

• Oxford has put in place the most generous support package of all UK Universities for students from low income families.
  • Students with a household income of £16,000 or less will only pay fee of £3,500 in the first year, and to £6,000 in subsequent years, so their debt to the Government will be reduced considerably.

• To help pay living expenses, there are also Oxford bursaries of £3,000 -£4,000 per year, which never have to be paid back.

• Students with a household income of up to £25,000 will also have reduced fees and help with their living expenses.

• All students with household incomes up to £42,600 will get some financial support.
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 are 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.
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 (London - Cambridge - Oxford)

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
Term 6 Exams then start Finals

Year 3

BA in Medical Sciences (Final Honours course)
Principles of Clinical Anatomy
Year 1  First BM: Part I

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

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

Patient & Doctor Course
ORGANIZATION OF THE BODY

Principles of Anatomy - structure and function
Embryology
Histology
Endocrinology and
Human reproduction
PHYSIOLOGY & PHARMACOLOGY

- Excitable tissues - nerve, muscle and synapse
- Cardiovascular and respiratory systems
- Renal and gastrointestinal systems
- Genes & proteins - protein structure and function
- Molecular Biology and Medical Genetics
- Metabolism
- Integrative Biochemistry - roles of the organs
MEDICAL SOCIOLOGY

- The doctor-patient relationship
- Social class, ethnicity and health
- Ageing
- Illness and behaviour
- The NHS and rationing of health care
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

- Systems of the body: integrative aspects
- Nervous System
- General Pathology & Microbiology
- Psychology for Medicine

Patient & Doctor Course continues
Exams in Summer term in year 2
The Medical Sciences Teaching Centre

Purpose built centre just for medical students
The Anatomy Demonstration room
Neuroanatomy and Pathology Lab
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 five options to choose from:

- Neuroscience
- Molecular Medicine
- Myocardial, Vascular & Respiratory Biology
- Infection & Immunity
- Signalling in Health & Disease
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 option (Y3)
- Seminars in chosen option (Y3)
- Tutorials in chosen option (Y3)
- Research Project
- Scientific essay in different topic

Examples of Research Projects

Role of the inhibitory protein Nogo in optic nerve myelination

The regulation of dopamine transmission by neurons in the basal ganglia

Imaging cardiac development

Patella tracking following knee replacement

Relation between verbal reasoning ability and grammatical understanding in 7-year olds

Influenza transcription and replication: Effect of viral promoter sequence
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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<th>PRE-CLINICAL</th>
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<th>CLINICAL</th>
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<tr>
<td><strong>Year 1</strong></td>
<td><strong>Year 2</strong></td>
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<td>Part I</td>
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<td>(3 terms)</td>
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<td>(4 terms)</td>
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<td>Organisation of the Body</td>
<td>Integrative Systems of the Body</td>
<td>Students select from scientific options, which typically include:</td>
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<td>Physiology and Pharmacology</td>
<td>The Nervous System</td>
<td>- Neuroscience</td>
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<td>Psychology for Medicine</td>
<td>- Respiratory and Cardiovascular Physiology</td>
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<td>Patient and Doctor Course</td>
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<td>- Infection and Immunity</td>
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<td>Part I Examination</td>
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<td><strong>Year 4</strong></td>
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<td>Patient and Doctor Course 2 including GP residential attachment</td>
<td>Laboratory Medicine</td>
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<td>Medicine</td>
<td>Obstetrics and Gynaecology</td>
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<td>Psychiatry</td>
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<td>Special Study Module</td>
<td>Staged Assessment</td>
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<td>Public Health, Primary Health Care, Clinical Gerontology and Palliative Care, Dermatology</td>
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<td>Preparing for Practice as a Doctor</td>
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