Dr Jeremy SH Taylor
Director of Pre-Clinical Studies
Tutorial Fellow in Medicine,
Pembroke College
Department of Physiology Anatomy & 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.
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?

### National Student Survey

<table>
<thead>
<tr>
<th>Medical School</th>
<th>Overall satisfaction rating 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxford</td>
<td>94%</td>
</tr>
<tr>
<td>Imperial</td>
<td>89%</td>
</tr>
<tr>
<td>UCL</td>
<td>81%</td>
</tr>
<tr>
<td>Cambridge</td>
<td>69%</td>
</tr>
</tbody>
</table>

### Times Higher world rankings Medicine

<table>
<thead>
<tr>
<th>Medical School</th>
<th>Rank 2019</th>
<th>Rank 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Oxford</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Harvard University</td>
<td>2</td>
<td>=2</td>
</tr>
<tr>
<td>University of Cambridge</td>
<td>3</td>
<td>=2</td>
</tr>
<tr>
<td>Imperial College London</td>
<td>4</td>
<td>=4</td>
</tr>
<tr>
<td>Stanford University</td>
<td>5</td>
<td>=4</td>
</tr>
<tr>
<td>Johns Hopkins University</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>UC Berkeley</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>UCL</td>
<td>8</td>
<td>12</td>
</tr>
</tbody>
</table>
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”
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

<table>
<thead>
<tr>
<th>Medical School by</th>
<th>Exam Name</th>
<th>Demographic</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>College</td>
<td>All</td>
<td>All</td>
<td>All</td>
</tr>
<tr>
<td>Medical School</td>
<td>None</td>
<td>All</td>
<td>All</td>
</tr>
</tbody>
</table>

Medical School:
- Oxford
- Cambridge
- Edinburgh
- UCL
- Imperial
- Birmingham
- Bristol
- Cardiff
- Nottingham
- Newcastle
- Brighton and Sussex
- Lancaster
- Sheffield
- Leeds
- King's
- Glasgow
- Leicester
- Warwick
- Dundee
- Hull York
- Liverpool
- Manchester
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.
• 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

<table>
<thead>
<tr>
<th>YOUR HOUSEHOLD INCOME</th>
<th>YOUR NON-REPAYABLE MORITZ-HEYMAN BURSARY (PER YEAR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>£5,000 or less</td>
<td>£5,000</td>
</tr>
<tr>
<td>£5,001–£27,500</td>
<td>£4,200</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>YOUR HOUSEHOLD INCOME</th>
<th>YOUR NON-REPAYABLE OXFORD BURSARY (PER YEAR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>£27,500–£30,000</td>
<td>£2,000</td>
</tr>
<tr>
<td>£30,001–£35,000</td>
<td>£1,500</td>
</tr>
<tr>
<td>£35,001–£37,500</td>
<td>£1,000</td>
</tr>
<tr>
<td>£37,501–£40,000</td>
<td>£800</td>
</tr>
<tr>
<td>£40,001–£42,875</td>
<td>£500</td>
</tr>
</tbody>
</table>
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 1  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
YEARS 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 are small scale academic communities and provide tutorial teaching.
• 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
Fredrik Karpe, Andre Furger, Lisa Walker, Katherine Pinnick

Richard Colling
Pathology

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


Examples of Research Projects

- Inter-hemispheric processing in dyslexia
- Menstrual cycle hormones reversibly induce nucleoplastic 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?
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