

MEDICINE, DENTISTRY & ALLIED HEALTHCARE

INFORMATION EVENING

2025



WHY MEDICINE/DENTISTRY OR HEALTH CARE



These are the key qualities for a good medical student and ultimately a good doctor.

Is this the right career for you?

Degree is 5 to 6 years, applications highly competitive



PATHWAYS TO MEDICINE



Undergraduate
Medicine

Graduate Entry
Medicine

Study Medicine
Abroad

Transfer to
medicine from
another degree

Foundation
medicine



MEDICAL SCHOOL APPLICATIONS



Work Experience
Essential

Research all
medical schools –
London and
beyond

Apply to FOUR
medical schools
only

Applying with
minimum AAA
(most will want
A*AA minimum)

UCAT Test

Personal
Statement

School Statements

Medicine
Interviews (MMI,
Formal interview)



ENTRY REQUIREMENTS



- Good GCSE grades in maths, science and English
- Chemistry at A-Level and often A-Level Biology (one other science subject as 2nd A-Level for example Biology, Physics or Mathematics)
- Third A-Level – strong grade

A*A*A

AAA minimum

Do I Need to Study Chemistry AND Biology?

These medical schools specify that you need to be taking A-Levels in both Chemistry and Biology to apply there:

Medical Schools Requiring Chemistry and Biology

Aston	Imperial
Birmingham	King's College London
Brighton & Sussex	Leeds
Cardiff	Lincoln
Edge Hill	Nottingham
Exeter	St George's
Hull York	UCL

ENTRY REQUIREMENTS



Are There Any Med Schools Where Chemistry Isn't Essential?

These medical schools say they will consider you with Chemistry or Biology A-Level:

Medical Schools Where Chemistry Isn't Essential

Buckingham	Leeds – they advise that if you don't do A-Level Chemistry, you should at least have Physics or Maths instead
Kent Medway – they state that if you don't take both Chemistry and Biology for A-Level, you're advised to have Physics, Maths, Psychology or Computer Science	Newcastle – their website doesn't mention specific subject requirements, it just specifies they don't consider General Studies, Use of Mathematics, World Development, Communication and Culture or Critical Thinking
Lancaster – they say you can apply with any two of Chemistry, Biology or Psychology	Norwich (UEA)

The following medical schools ask for Chemistry or Biology A-Level, plus they specify a second subject that's either Chemistry, Biology, Physics or Maths:

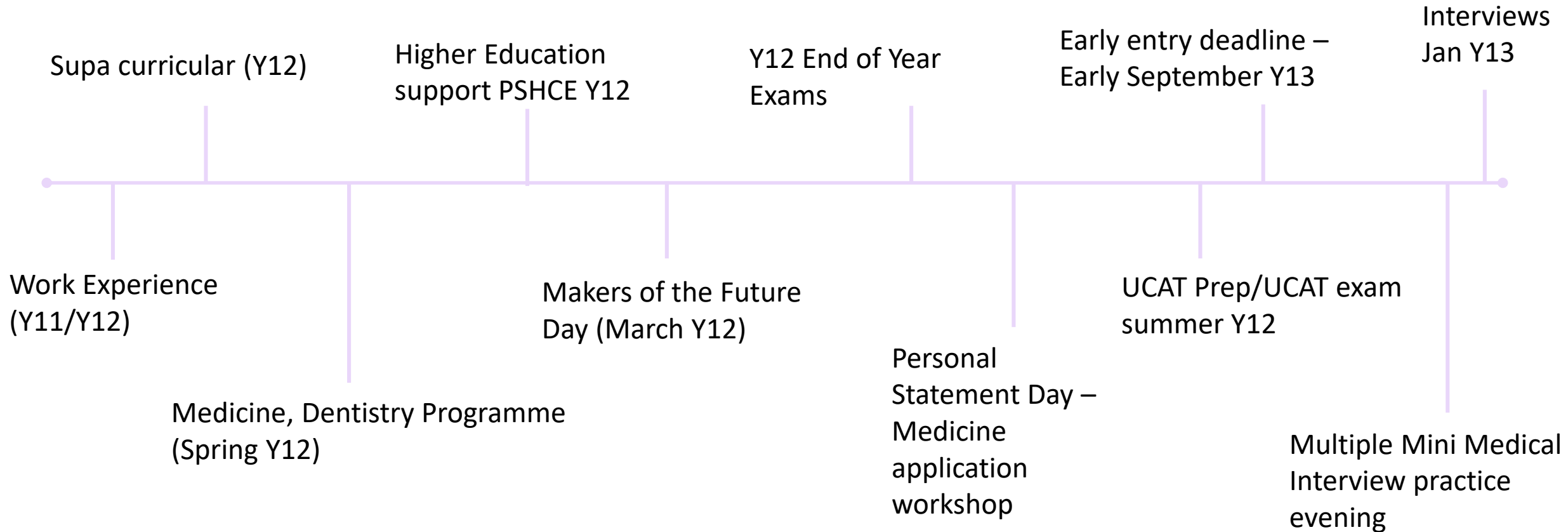
Medical Schools Which Accept Chemistry or Biology + Second Science Subject

Anglia Ruskin	Leicester*
Barts	Manchester*
Brunel	Sheffield*
Keele*	Sunderland

TIMELINE FOR APPLICATIONS



34 Medicine 2024 entry/4 Dentistry/



Y13 DESTINATIONS



Medicine	34	Law	19	Accounting & Finance	12	Computer Science	9
Biomedical Science	10	Psychology	11	Economics	8	Chemical Engineering	4
Pharmacy	6	Politics and International Relat	5	Business Management	7	Materials Science & Engineer	4
Dentistry	4	Philosophy, Politics and Econo	4	Actuarial Science	3	Electrical Engineering	3
Neuroscience	4	Geography	2	Mathematics	2	Engineering	3
Biochemistry	4	Global Development	2	Modern Language with Busin	2	Mechanical Engineering	3
Dental Therapy	2	History	2			Aeronautical/Aerospace Engi	2
Diagnostic Radiography	2	Sociology	2	English Literature	6	Design Engineering	2
Midwifery	2	Human Sciences	2	English & Theatre St/Classical	2	Automotive Engineering	1
Biomedical Engineering	1	Criminology	1	Theatre & Film	1	Civil Engineer	1
Clinical Science & Medicine	1	Liberal Arts	1	Chinese & French	1	Computer Animation and Vis	1
Pharmacology	1	Social Science	1	French & German	1	Sustainable Built Environmen	1
Physiotherapy	1	Primary Education	1	French	1		
Osteopathy	1			German & Spanish	1	Fine Art	2
Sport & Exercise Medical Sci	1	Veterinary Medicine	2	Spanish	1	Architecture	1
Nursing (Mental Health)	1	Biological Sciences	2			Arts & Science	1
		Zoology	1			Music Performance	1
Physics	4	Natural Sciences	1			Music - Conservatoire	1
Chemistry	3	Environmental Biology	1				
Biology	3	Geophysics	1				
		Animal Science	1				



St George's
University of London

Alternatives to Medicine

Different routes into healthcare and science



What we'll cover

- Introducing St George's, University of London
- Why do/don't people go into medicine?
- Medicine Courses
- Allied Health Courses
- Science Courses
- Entry requirements, application process & funding
- Final thoughts



Introducing St George's, University of London



Introducing St George's, University of London



Why do/don't people study medicine?

Why medicine?

- To help people and save lives
- Interest in science and the human body
- Lifelong career prospects
- To become a specialist
- Varied career paths
- Practical, hands-on teaching

Why not medicine?

- Competitive application process
- Stressful and intense
- Heavy workload and long course at university
- Dealing with death and suffering
- Unsocial hours

Programmes at St George's



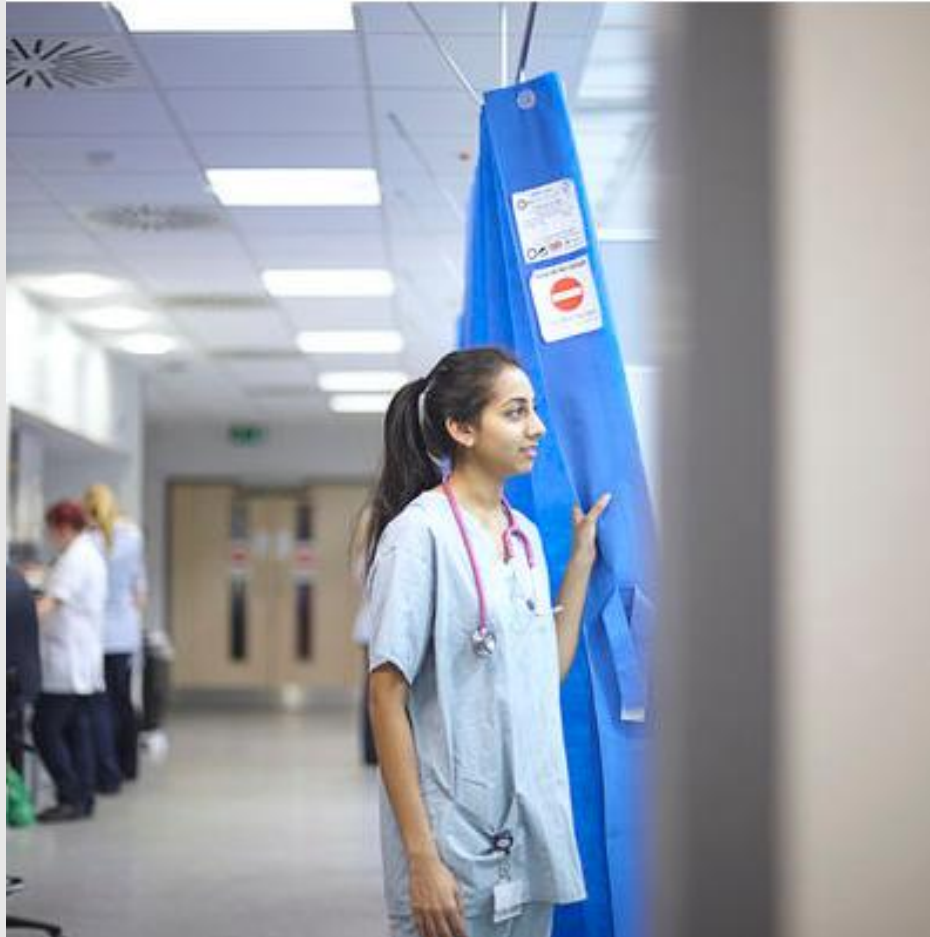
Medicine (A100) MBBS 5 Years



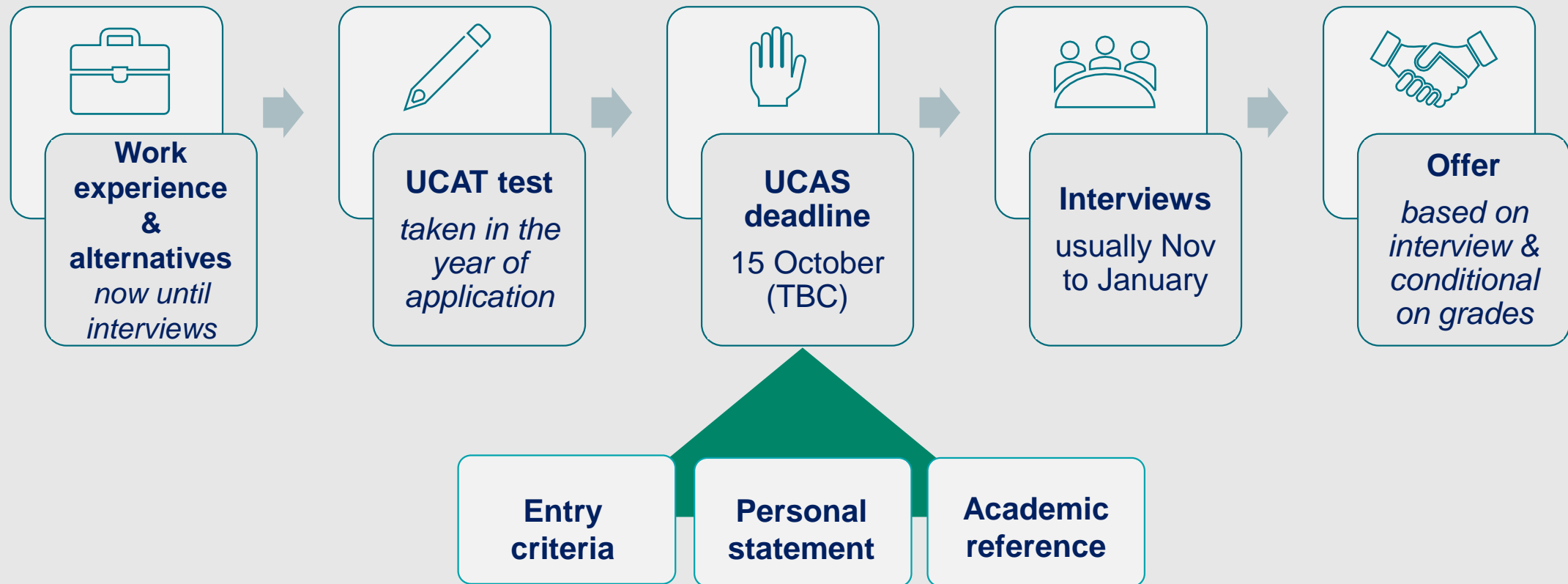
Graduate Medicine (A101) MBBS 4 Years



Undergraduate Medicine (A100) MBBS – five years



Application process for A100 Medicine



Entry criteria for Undergraduate Medicine (A100) MBBS

**A-
LEVEL**

A A A
including Chemistry and Biology

5 GCSEs graded 6 (B) or above
Including English Language, Maths
and Science (Double or Triple Award)

GCSEs



- Allied Health Professions (AHPs) represent another route into healthcare without studying medicine
- Science courses perfect for those looking for diverse, varied careers and to broaden their horizons
- Application processes often aren't as competitive and intense as medicine applications
- Both share many of the reasons why people go into medicine

Allied Health Courses

Introducing the MDT



Paramedic Science BSc



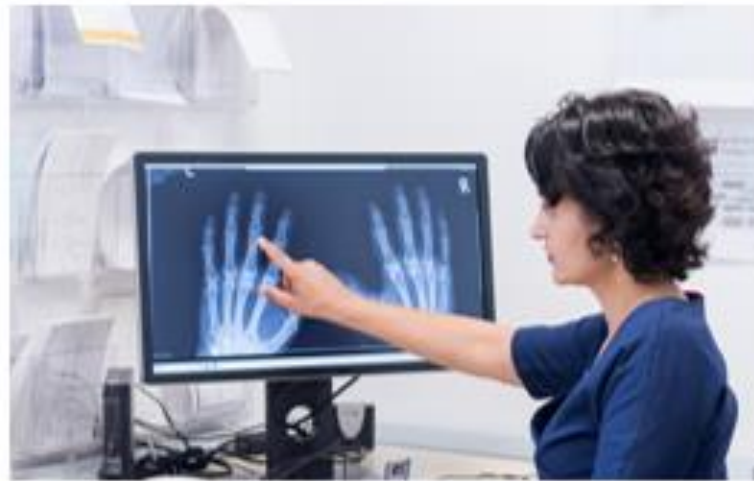
Paramedics...

- Provide emergency pre-hospital care
- Manage life-threatening conditions
- Earn £28 - £43,000 (gov.uk)
- Work 37 to 40 hours a week

Why St George's?

- Paramedic Simulation Suite and Immersion Room
- 50% of time on placement with the London Ambulance Service

Diagnostic Radiography BSc



Diagnostic Radiographers...

- Produce images of the body to diagnose & treat patients
- Uses tools such as X-ray, Ultrasound, CT, MRI, etc.
- Earn £28 - £43,000
- Work 37 to 40 hours per week

Why St George's?

- Simulation Centre and Digital Imaging Suite
- 50% of course within NHS Trust as a student radiographer



Physiotherapists...

- Treat a range of conditions caused by illness, injury, disability or aging
- Provide manual therapy and exercise techniques (rehabilitation)
- Deliver education and advice
- Earn £28 - £50,000
- Work 35 to 40 hours a week

Why St George's?

- Art of Living Suite and Anatomy Suite
- Range of clinical and community placements (e.g. schools, charities, sports clubs)

Occupational Therapy BSc



Occupational Therapists...

- Support patients after a life changing accident
- Improve their ability to perform everyday tasks
- Work in a range of diverse settings
- Earn £28 - £50,000
- Work 35 to 40 hours a week

Why St George's?

- Art of Living suite
- Range of clinical and community placements (e.g. schools, charities)

Source: nationalcareers.service.gov.uk/



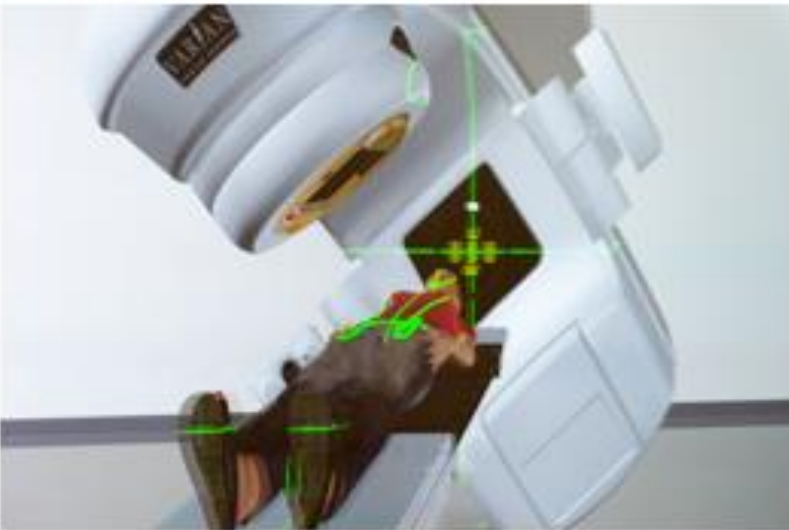
Healthcare Scientists...

- Perform a range of important diagnostic tasks, assessing disease and illness.
- Contribute to 80% of all diagnoses in the NHS.
- Are specialists in their area.

Why St George's?

- Specialise in either:
 - Cardiac Physiology (heart)
 - Sleep & Respiratory Physiology (lungs, throat & nose)
- 50% work-based clinical placements

Radiotherapy and Oncology BSc



Radiotherapists...

- Plan and deliver radiotherapy treatment to patients living with cancer
- Part of a multidisciplinary Oncology team

Why St George's?

- Virtual Environment Radiotherapy Treatment Suite (VERT)
- Cloud-based treatment planning software
- 50% of course within NHS Trust as a student radiographer

Science Courses

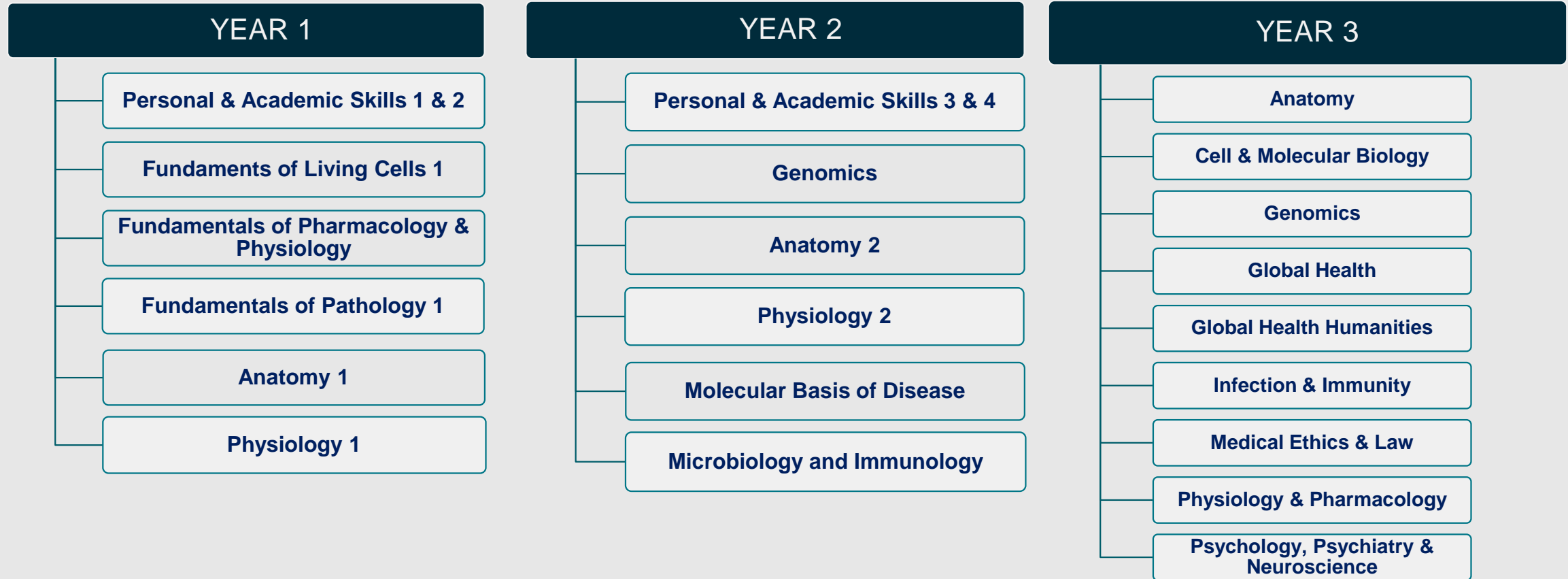
Biomedical Science BSc and MSci

- Study within a healthcare university closely integrated with one of the UK's busiest hospitals
- Select your pathway and specialised final year
- Option to transfer to 4-year MSci (Hons) degree – the only Biomedical Science MSci in London
- Gain professional experience during optional Professional Training Year and summer placements
- Careers advice and support embedded into teaching

Provides a broad understanding of the scientific basis of human health and disease, including study, investigation, diagnosis and treatment



Biomedical Science BSc (three-year degree)



Biomedical Science MSci (four-year degree)

MSci Year 3

**Biomedical Research Techniques
for Drug Development**

**Experimental Design & Data
Analysis**

Structured Research Project

**75 credits your choice of modules
from other pathways**

MSci Year 4

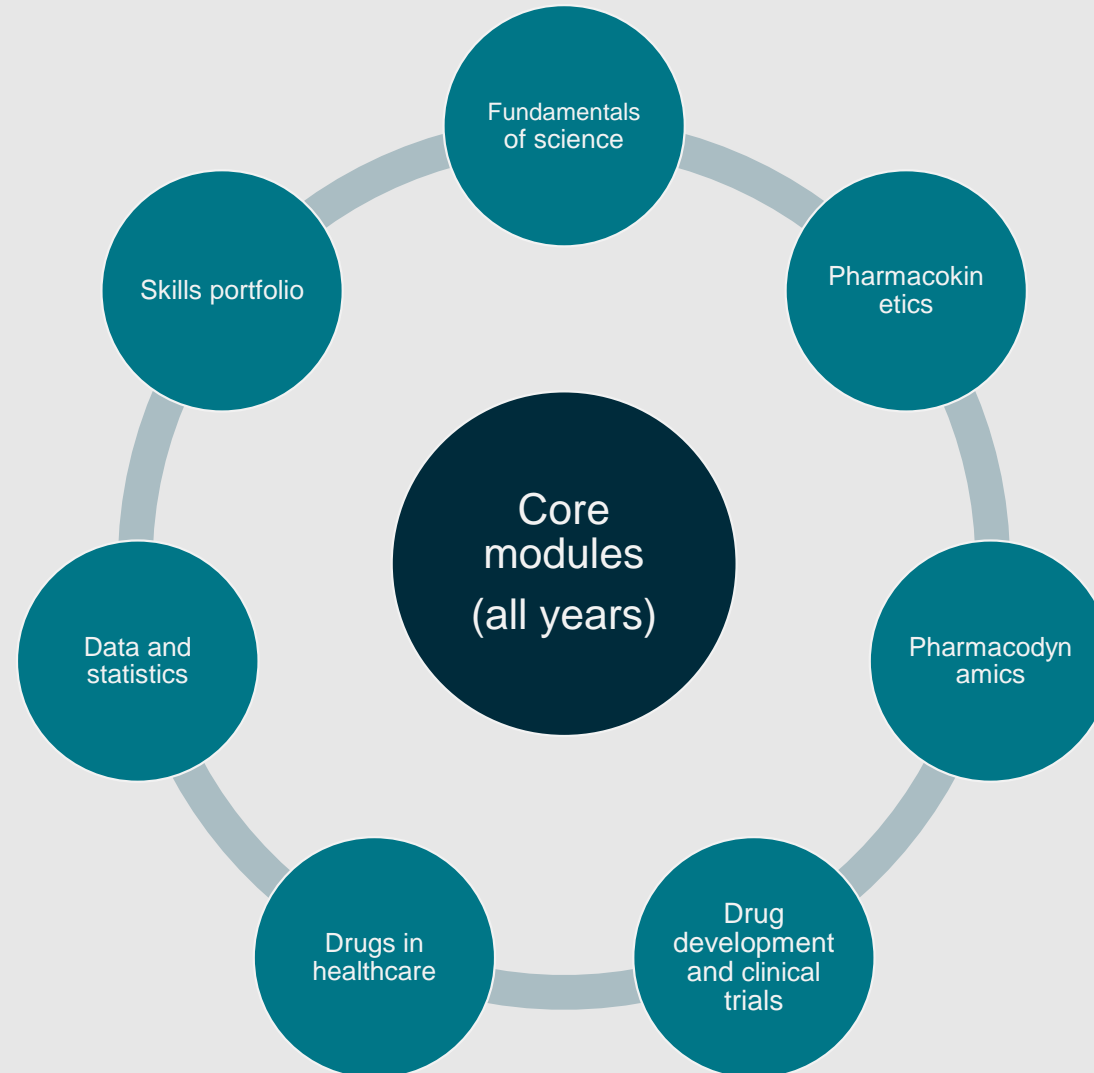
Research Proposal (taught)

Research Project

- The study of all aspects of drugs as they relate to humans
- Will equip you with the knowledge and skills to enter a career in the life sciences, working in industry, academia or healthcare, particularly in the development of new medicines.
- Three-year programme leading to a BSc degree
- Designed in collaboration with employers
- Work experience, research projects and optional professional year



Provides a broad understanding of how drugs are developed, from discovery of molecules to treatment of patients.



Science courses: what skills will I develop?

Clinical Skills



Laboratory skills



Data Management



Presentations



Teamwork

Career Development and Professional Training Year (PTY)

- Careers teaching is embedded into the curriculum
- Workshops, Drop-In Careers Clinics, Careers Fairs, Careers Consultant appointments
- St George's is **3rd in the country for graduate prospects** (Complete University Guide 2025)



With a year in industry, students enter the job market with work experience and industry contacts.

- Opportunity to apply to undertake a PTY between years 2 and 3 of the course.
- You can choose between industry, NHS or international placements with paid and unpaid options.
- Available for both Biomedical Science and Clinical Pharmacology

Career options – what to do with science?

Pharmaceutical
industry

Grant funding

Law

Further study

MSc Physician
Associate
studies,
MRes/MSc/PhD,
Dentistry,
Medicine

Biotechnology

Scientific policy

Intellectual
property

Clinical
research

Scientific
research

Scientific civil
service

Teaching

Diagnostic
laboratory

Forensic
science

Scientific
publishing

Medical writing

Entry requirements, application process & funding

Undergraduate entry criteria (A-levels)

Course	A-level Grades	GCSE Grades
Diagnostic Radiography	BBB (including one science subject)	5 subjects graded 4 (C) or above including English Language, Maths and science (double or triple award)
Healthcare Science	BBB (including biology & one science subject)	5 subjects graded 4 (C) or above including English Language, Maths and science (double or triple award)
Occupational Therapy	BBB (science or social science helpful but not essential)	5 subjects graded 4 (C) or above including English Language, Maths and science (double or triple award)
Paramedic Science	BBB (including one science subject)	5 subjects graded 4 (C) or above including English Language, Maths and science (double or triple award)
Physiotherapy	ABB (science or social science helpful but not essential)	5 subjects graded 4 (C) or above including English Language, Maths and science (double or triple award)
Radiotherapy and Oncology	BBC (including one science subject)	5 subjects graded 4 (C) or above including English Language, Maths and science (double or triple award)

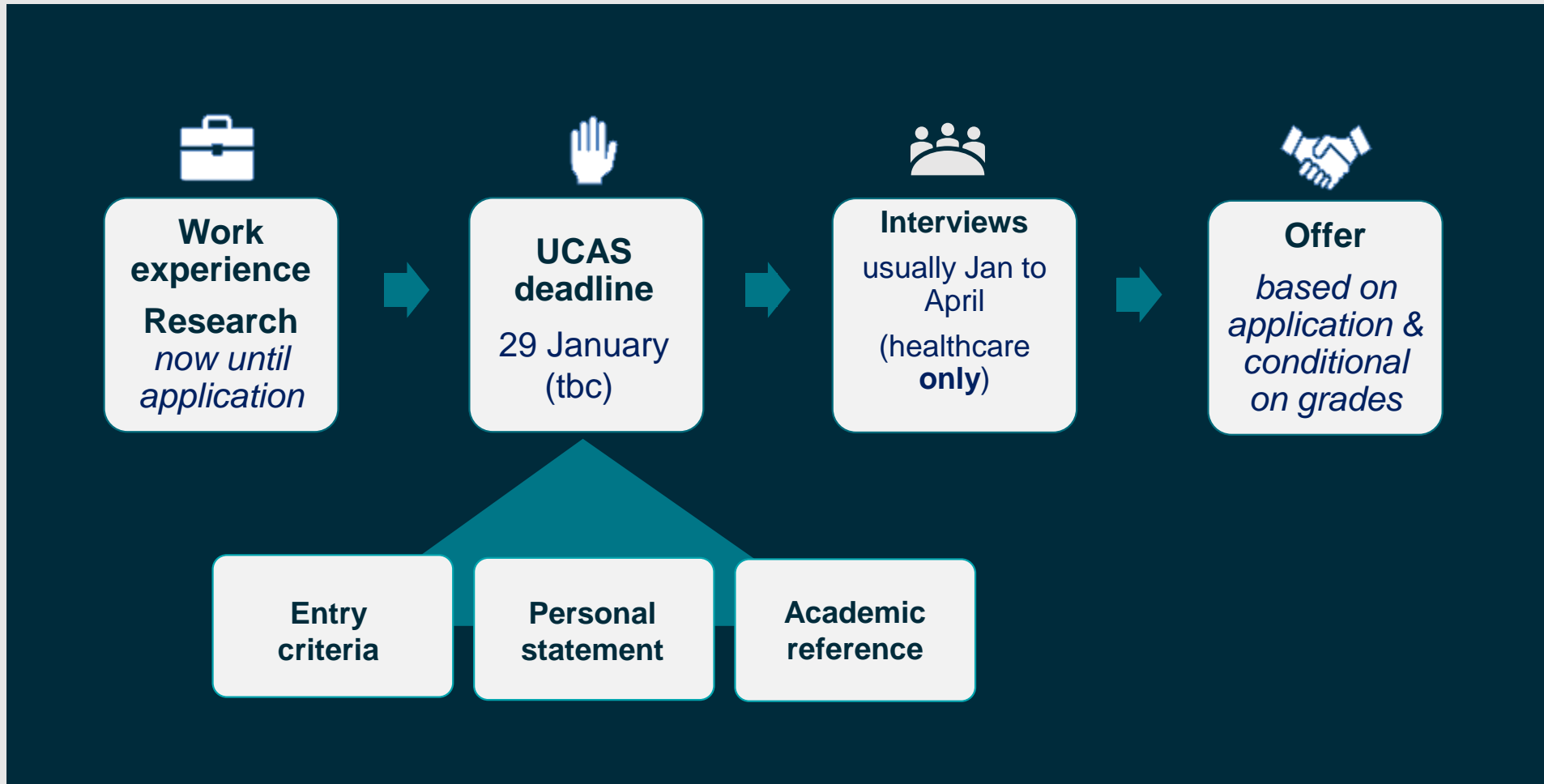
Please check website for full and up-to-date entry criteria: <https://www.sgul.ac.uk/study/undergraduate-study/undergraduate-courses>

Undergraduate entry criteria (A-Levels)

Course	A level Grades	GCSE Grades
Biomedical Science BSc & MSci	BBC including Biology <u>and</u> Chemistry at grade B EPQ considered alongside A Levels	five subjects graded 6 (B) or above must include English Language, Maths and Science (Double or Triple Award).
Clinical Pharmacology	BBB including Biology <u>or</u> Chemistry	five subjects graded 6 (B) or above must include English Language, Maths and Science (Double or Triple Award).

Please check website for full and up-to-date entry criteria: <https://www.sgul.ac.uk/study/undergraduate-study/undergraduate-courses>

Undergraduate entry criteria



St George's, University of London Admissions Guidelines for 2025 entry

We understand the challenges for our prospective applicants for medicine and allied health courses trying to **gain work experience**, particularly in clinical settings.

In response to the continued impact of the Covid-19 pandemic, we have chosen to **relax our work experience requirements** for prospective applicants for our courses which would normally require these.

We **still require our applicants to have an understanding of the realities of working as a healthcare professional** and to show they have the necessary skills and attributes for their chosen career.



Undergraduate entry criteria – personal statement



PASSION



UNDERSTANDING



WORK
EXPERIENCE



THE RIGHT
CANDIDATE



YOUR OWN
WORDS



Interviews (healthcare only)



Multiple-mini interviews (MMIs)



Remote MMI

Contextual Admissions

Standard Offer = BBB

Contextual Offer = **BCC**



Eligible applicants could receive an offer two A Level grades lower than our standard conditional offer (even if your predicted grades are higher)

sgul.ac.uk/contextual

- **Student Loan**
 - Tuition Fee loan
 - Maintenance Loan for living costs
- **University-run scholarships and bursaries**
 - e.g. St George's Opportunity Fund Grant
- **NHS Learning Support Fund (for Allied Health & Medicine)**
 - Non-repayable training grant of £5,000 per year
 - Specialist subject payment of £1,000 per year for students on degrees that struggle to recruit, including mental health and learning disability nursing
 - Help towards additional travel and accommodation costs
 - Hardship fund of up to £3,000 per student per academic year



Final thoughts

Why healthcare and science?

- To help people and save lives ✓
- Interest in science and the human body ✓
- Lifelong career prospects ✓
- To become a specialist ✓
- Varied career paths ✓
- Practical, hands-on teaching ✓



Helping your child choose the right course



Encourage them to reflect on the course:

- How are taught elements structured and assessed?
- Are there placements?
 - How much time will be placement?
 - Where are they based? Is it commutable?

... and life after the course:

- Is there a specific career the course leads to?
 - Is that positive? Or would they prefer to keep your options open?
 - Is there a high demand for this type of specialist?
- What kind of environment do they want to work in?
- What kind of work/life balance do they want?

www.healthcareers.nhs.uk

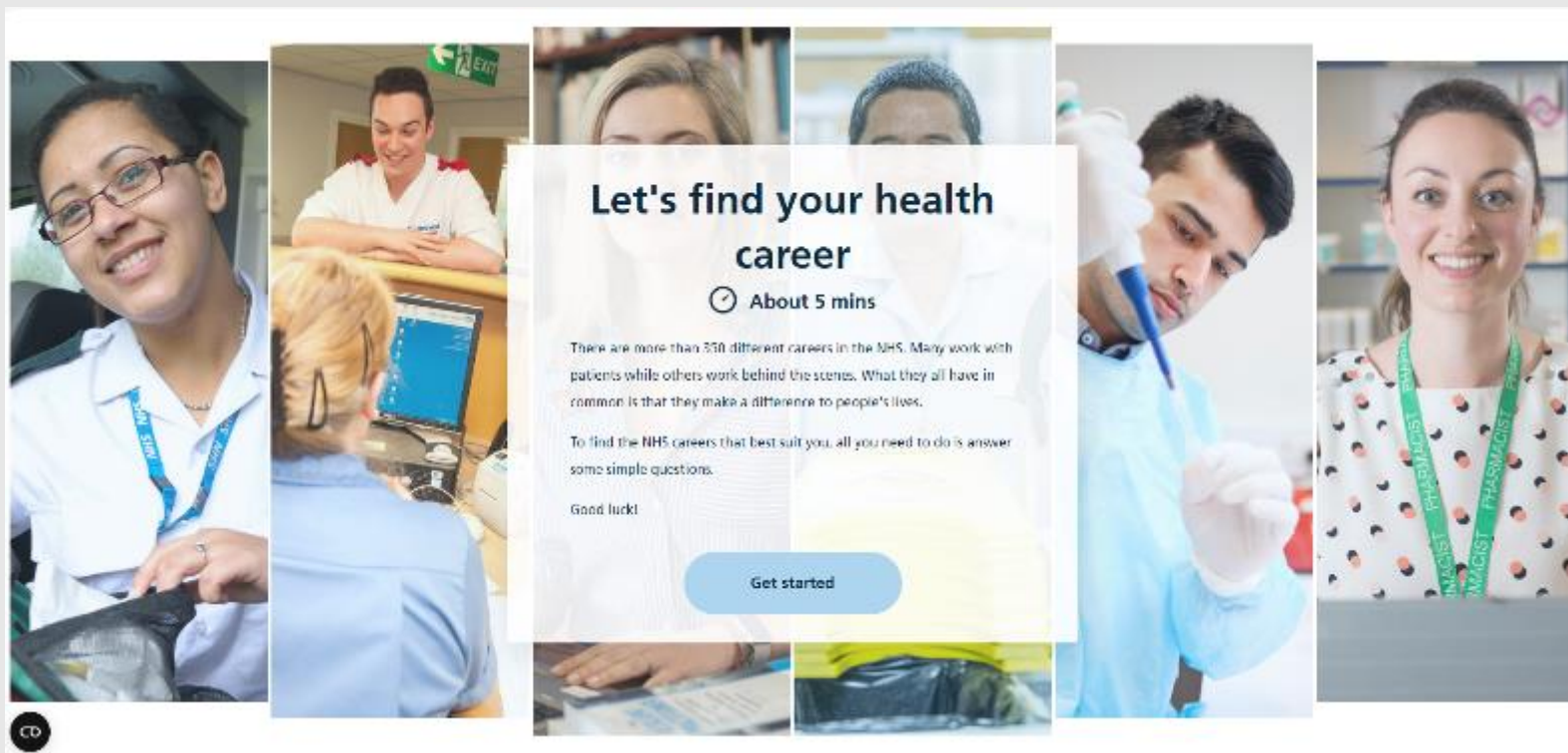
Careers available within the NHS

www.gmc-uk.org/duties-of-a-doctor

General Medical Council

www.healthcareers.nhs.uk/FindYourCareer

Find your ideal NHS career based on 50 questions about you



Let's find your health career

🕒 About 5 mins

There are more than 350 different careers in the NHS. Many work with patients while others work behind the scenes. What they all have in common is that they make a difference to people's lives.

To find the NHS careers that best suit you, all you need to do is answer some simple questions.

Good luck!

[Get started](#)

Insight to Healthcare – Applications Open

- An opportunity for aspiring healthcare students in Year 12
- For students considering a career in:
 - Medicine
 - Paramedic Science
 - Physiotherapy
- Gain insight into working in healthcare
- Develop relevant skills to support your journey
- Meet current healthcare professionals
- Find out more on our webpages:
 - <https://www.sgul.ac.uk/study/widening-participation/widening-participation-activities/insight-to-healthcare>
- Applications close on Sunday 16 February

