



OXFORD AND LONDON

WORK EXPERIENCE SPECIALISTS
Science, Biomedicine, Dentistry & Medicine
Age group 13 - 24 years

'Certificate of Attainment'

GCSE IGCSE A level Foundation Gap Year IB Undergraduate

PROFILE

We are hands - on work experience, training and placement providers specialising in the fields of Science, Biomedicine, Medicine and Dentistry. We use hands - on approaches, real - life experiences to enhance learning and in acquiring new innovative skills.

With our hands - on practical sessions students will benefit by acquiring transferable skills, enhancing their work experience, academic knowledge, build their CV, personal statement, foresee their future in real life work environment, meet prospective employers and build their career profile. Students are sure to feel inspired, motivated and aim higher with our work experience courses.



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Age group of 13-24

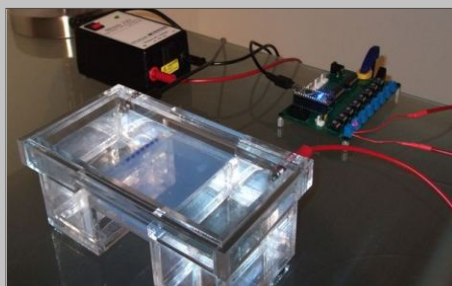
GCSE, IGCSE, A LEVEL, FOUNDATION, UNDERGRADUATES AND GAP YEAR STUDENTS

I) OVERVIEW OF SCIENCE, BIOMEDICINE & MEDICINE COURSES

Courses for inspiring students wishing to pursue their careers as doctors, paramedics, nurses and scientists.

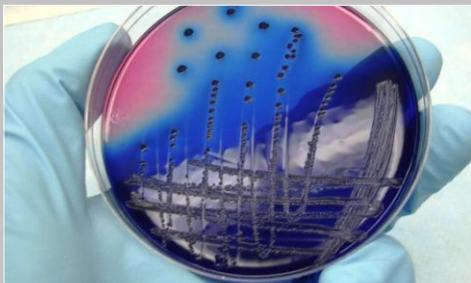
Our courses are hands - on practical sessions using seminars, discussions, events, conferences and problem-solving activities as oppose to the traditional lecturers and note - taking.

All our Hands - on courses are run at the laboratories at the University of Westminster in London and laboratories in Oxford.



Types of Courses	Innovations in Medical Sciences	Advances in Genetics Forensics	Advances in Biochemistry	Advances in Microbiology
Term - time Half - term Easter Summer Christmas	This course aims to provide students <ul style="list-style-type: none"> • With a real- life exposure to the analysis of various blood samples • Understanding the infections Performing hands - on practical at the University laboratories in Oxford and London 	This course will enhance students with the <ul style="list-style-type: none"> • Understanding of the various hands - on skills required by forensics department • Solving a criminal cases using molecular methods in gathering DNA fingerprints and exposure to the latest techniques in Genetics 	This course aims to provide students on <ul style="list-style-type: none"> • Obtaining a hands- on practical session in the analysis of blood samples analysing Samples for diabetes and liver diseases. • This interesting sessions will enhance a thorough understanding to the blood group typing. • There will be an exposure to our best scientists in this field of science with latest technological advances such as Mass spectrometry and NMR. 	This course will enhance students with <ul style="list-style-type: none"> • Understanding of the various bacteria which can cause infections • Culturing techniques with interacting sessions showing the normal flora present naturally on the skin. • Antibiotic resistance is on rise, this experience will highlight the use of Antibiotic & the super bugs that dominates the hospitals world - wide

Types of Courses	Advances in Biology & Environmental sciences	Advances in Cosmetic science	Advances in Biotechnology	Advances in Psychology
Term - time Half - term Easter Summer Christmas	This course aims to provide students with <ul style="list-style-type: none"> • A real- life exposure of field work in statistically analysing flora and fauna. • Students undertaking field work to collect data on marine life near flood zones • Students undertaking field work on collecting data of marine life near flood zones. • Hands - on practical sessions on various cells in the body, their life cycles, microscopically analysing of tissues and cells of the human body. 	This course will enable students in <ul style="list-style-type: none"> • Obtaining a hands- on practical session in the formulation of creams with free samples • Analysing various lipsticks from different cosmetic brands in the UK • A thorough understanding of the skin types using various tools in cosmetics • Preparations of shower gel and shampoos from natural ingredients. 	This course will enhance students with <ul style="list-style-type: none"> • Understanding of the various bacteria employed in the companies hands - on use of fermentors to grow cultures of bacteria. • Hands - on experiences in the mass production of insulin and a visit to pharmaceutical companies within the UK. 	This course will enhance students with <ul style="list-style-type: none"> • Understanding of the mind and emotions • Hands - on experiments conducted in the field of Psychology • Exposure to the latest techniques employed by surgeons in understanding the brain



Pathway to studying medicine

This course aims to provide students with

- A real - life exposure of practicing as a Doctor
- Experience what medical school will be like with hands - on sessions in handling patients' data, diagnosing diseases and using various medical instruments.
- Demonstrations from practicing doctors & surgeons

II) CONFERENCES

GCSE, IGCSE, A LEVEL, IB AND GAP YEAR STUDENTS. AGE GROUP OF 13 TO 20

Career Path to Medicine

This day conference will provide a thorough insight to a career choice as a Medic.

- It will provide with a complete package from the role GCSE grades would play to the A - level subject choices.
- Various tips and tricks that can be employed to score high grades at GCSE and A level examination will be emphasized.
- The specialist tests such as UKCAT and BMAT will be explained with strategies to obtaining higher grades.
- There will be lecturers and seminars organised in the first half of the day to explain the pathway to successfully achieving a place in the medical school followed by the other half of the day obtaining hands - on experience on life as a doctor.

Career path to Dentistry

This day conference will provide a thorough insight to a career choice as a Dentist.

- It will provide with a complete package from the role GCSE grades would play to the A - level subject choices.
- Various tips and tricks that can be employed to score high grades at GCSE and A level examination will be emphasized.
- The specialist tests such as UKCAT and BMAT will be explained with strategies to obtaining higher grades.
- There will be lecturers and seminars in the first half of the day to explain the pathway to successfully achieving a place in the Dental school followed by the other half of the day obtaining hands- on experience to life as a dentist.

Career path after sixth form

This day conference highlights different path that can be followed after successfully completing sixth form studies.

- Work shops and seminars will highlight all the important fields in science that a student can choose after successfully completing their sixth form studies in Biology, Chemistry, Physics and Psychology.
- Students will get a chance to speak with education career advisors in the specialist field, who will highlight the use of appropriate key points in the personal statement and to successfully completing UCAS application and obtaining a place at University.
- Students will get a chance to tailor their chosen field and to make a note of the various Universities in the UK for successfully obtaining their place.
- There will also be an opportunity to meet successful professionals in various fields in science.

Career Path to combine Business & Science

GCSE, IGCSE, A LEVEL, IB, FOUNDATION, GAP YEAR & UNDERGRADUATE STUDENTS



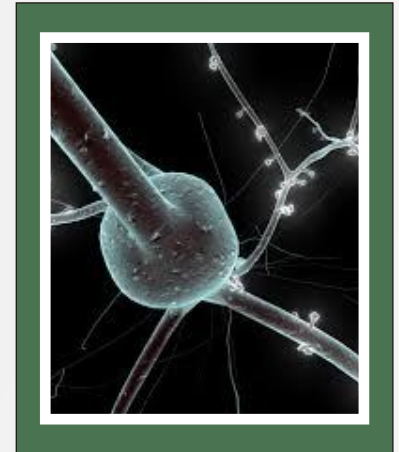
- This day conference will provide students with an understanding to innovate their knowledge in science into a successful business
- Students get a chance to meet business men from successful industries, Pharmaceutical companies and laboratories who have inspired their ideas into a successful business
- There will be lecturers and seminars organised in the first half of the day to explain the various fields of science which can be explored to run a viable and successful business followed by other half of the day to meet Professionals running successful business.

(for inspiring future Doctors, Dentists and Biomedical Scientists)

Clinical work experience in the UK

Biomedicine

Students wishing to pursue their undergraduate studies in the field of Biomedicine can benefit from our hands - on practical sessions at the University premises. Students can get an understanding of the various disciplines they would undertake during their under grad. studies. This experience would not only add to their skills but also provide a chance to firm their choices during their UCAS applications. These courses are run on three occasions in February, October and December.



Dental surgeries & GP surgeries

We have teamed with dental surgeries and GP surgeries in UK to allow inspiring future Doctors and Dentist to obtain a chance to shadow and learn from the real life environment. There are various options available to obtain a week to three weeks work experience at the chosen surgeries.

For more info, please call (01865) 590513 or email us on workexperience@medscience.co.uk



Clinical Hands - on Work experience Abroad

GCSE, IGCSE, A LEVEL, IB, FOUNDATION, GAP YEAR, UNDERGRADUATE & MEDICAL STUDENTS

We have teamed with hospitals and surgeries abroad to provide our nations inspiring future doctors to be able to obtain a clinical work experience. Students have a chance to be able to rotate in different departments from Oncology, Pathology, Neurology, Endocrinology etc and get demonstrations from various specialist consultants.

Students will have a chance not just shadowing doctors but to help with the delivering of vaccines under guidance, perform blood typing on patients blood, simple blood tests and in the administration of patients forms.

These camps are their best chance to be exposed to obtaining vast experiences in their chosen field and gather a thorough understanding of the various diseases. Students will have a chance to observe the cultural changes and the systems employed by other countries.

Location - Mauritius, South Africa, Sri Lanka & India

Months - July and August

to be continued on next page for the types of work experience



III) CLINICAL HANDS - ON WORK EXPERIENCE - ABROAD

(for inspiring future Doctors, Dentists and Biomedical Scientists)

Students have a chance to choose from the following work experience abroad

Medical Camps	Pathology Camps	Blood bank Camps	Dentistry Camps
<ul style="list-style-type: none">• This camp involves team of doctors, surgeons and administrative staff who aim to help thousands of people with their health diagnosis and treatment.• This is the best camp which will provide students with instead higher exposure to the various health problems faced by people and the high responsibilities and pressure of being a doctor.	<ul style="list-style-type: none">• This camp involves team of doctors, pathologists, medical assistants, biomedical scientists and administrative staff. This camp offers people with blood tests and vaccines. Students will have a chance to deliver the vaccines under thorough supervision and guidance and also allow students to perform testing of blood types.• Students would be able to learn from the specialists the various biochemical pathology in blood and to understand the effects on the patients health.	<ul style="list-style-type: none">• This camp involves team of doctors, pathologists, medical assistants, biomedical scientists and administrative staff.• This camp allows healthy people to donate their blood and therefore students will have a chance to learn the criteria's required to fulfil blood donation.• The storage of blood bags to the shelf life and the paper work involved will be addressed.	<ul style="list-style-type: none">• This camp involved team of dentists, orthodontists, hygiene specialists and administrative staff.• This camp offers people with solutions to their teeth problems, maintaining general hygiene, gum problems addressing any gum diseases. Minor surgeries would also be performed at the camps.• Students will have an insight to the lives as a Dentist.

IV) SUMMER WORK PLACEMENTS (for inspiring Scientists and science graduates)

A LEVEL, IB, FOUNDATION & GAP YEAR STUDENTS

UK - Pharmaceutical & Scientific companies

We have networked with many scientific companies and Pharmaceutical laboratories around the UK to collaborate with us. We are therefore able to provide students with an opportunity to obtain voluntary work experience during summer holidays in **July for 2 weeks** in various disciplines of Science, Biomedicine and Medicine. **(Please refer to our Calendar for dates.)**

Students would not only get a chance to be able to see the real world experience and understand the work ethics but also be able to explore their chosen field and foresee their prospects in future.

UK - Colleges, Schools & Industries

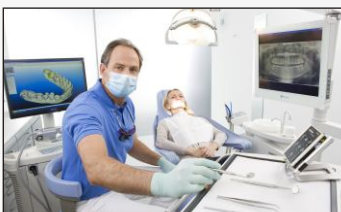
We have teamed with selected schools, colleges & Universities in the UK to allow students to be able to see themselves as inspiring teachers. Students will get a chance to teach and understand the techniques employed by teachers to aid successful learning. Students get a chance to understand the education system and the duties involved by taking up a teaching role.

Clinical work experience - UK		
Biomedicine	February 16th to February 20th October 27th - 31st October December 15th - 19th December July 1st to July 4th	
Dental & GP surgeries	All year around (please call with your dates)	
Clinical hands - on work experience - abroad		
Medical Camps	July & August	South Africa, Mauritius, Sri - Lanka and India
Pathology Camps	1st July - 15th July	
Blood bank Camps	5th August - 19th August	
Dentistry Camps		
Summer Work Placement - UK		
Pharmaceutical & Scientific companies	July & August	
Schools, Colleges & Industries	All year around (please call with your dates)	Oxford, London and Cambridge

*** This All courses are offered subject to availability***

Benefits of Work experience programmes:

- ◆ **Acquisition of transferable skills Hands - on sessions**
- ◆ **Ways to enhance students' work experience**
- ◆ **Network with like-minded colleagues**
- ◆ **Ways to enhance students' academic knowledge**
- ◆ **Experience the real work environment**
- ◆ **Obtain the latest technological advances career development**
- ◆ **Add to CV, personal statement and UCAS**
- ◆ **Work-based learning**
- ◆ **Receive best training, advice & support**
- ◆ **Meet Professionals, successful Consultants, Doctors, Dentists & Scientists.**



For detailed information and booking please refer to our website, call us on (01865) 590513 or email us at workexperience@medscience.co.uk

V) Summer Short Courses

**GCSE, IGCSE, A LEVEL, IB, FOUNDATION, UNDERGRADUATE,
GAP YEAR & HIGH SCHOOL STUDENTS.
AGE GROUP OF 13 - 24 YEARS**

We are proud of our unique summer courses differing widely from the other summer courses offered in Oxford. We do not follow traditional lecture - based teaching but have many interacting seminars, workshops, events, conferences and more over a hands - on approaches to learning latest skills in medicine, biomedicine and sciences. Students will enhance their learning through practical sessions as oppose to the theoretical lecturers. We use lectures, seminars, workshops, presentations, team work for our Masters learning in the morning followed by hands - on practical sessions in the afternoon.

We have range of medical and science courses available from **2 weeks in July to 3 weeks in August.**

(Please refer to our Calendar for dates.)

Students can choose 1 Master courses and their respective hands - on practical sessions in the afternoon. To make a choice on the available Masters courses please use our overview of our Summer courses.

OUR SUMMER SCIENCE RESEARCH PROJECT



Our Summer science research Project offers students with additional advantage of hands - on research under renowned scientists specialising in various disciplines of science. Students will be engaged in the designing of hypothesis to the implementation of techniques employed for their research proposal. Students will be able to enhance their understanding on the latest technological advances in science. Students can chose their project from choice of various disciplines in sciences such as Microbiology, Medical science, Biochemistry, Biology & environmental science, Genetics & forensics, Biotechnology, Psychology and Cosmetic Sciences.

Summer science research project are run for **3 weeks in July and August.**

(Please refer to our Calendar for dates.)

to be continued to overview of our summer programmes



Overview of our Summer courses

Choose 1 from our Masters courses (AM)	Respective hands - on Practical sessions (PM)
Advances in Medical Science	<ul style="list-style-type: none"> Hands - on pathway to studying medicine and dentistry
Advances in Microbiology	<ul style="list-style-type: none"> Practical session on the normal flora, antibiotic resistance, culturing of bacteria, staining techniques and microscopic analysis of samples
Advances in Biochemistry	<ul style="list-style-type: none"> Practical session on understanding the liver, diabetes cell science, blood typing and abnormalities.
Advances in Genetics & Forensics	<ul style="list-style-type: none"> Practical sessions in solving a crime scene, obtaining finger prints and cloning of gene of interest.
Advances in Biology & Environmental sciences	<ul style="list-style-type: none"> Field work undertaking the analysis of flora and fauna in UK Field work undertaking the analysis of marine life in flood prone lakes and reservoirs.
Innovations in Biotechnology	<ul style="list-style-type: none"> Use of fermentors to grow bacteria employed in biotechnology on large scale Visit to pharmaceutical companies and touring the department Making of food and analysis of various enzymes employed in biotech companies.
Advances in Psychology	<ul style="list-style-type: none"> Practical sessions on the working of the mind Techniques used by doctors to analyse the brain functions
Advances in Cosmetic sciences	<ul style="list-style-type: none"> Practical sessions on the making of moisturisers, creams, lipsticks, shower gels etc. Analysis of skin types using latest instruments
Career Path to Business & Science	<ul style="list-style-type: none"> Meeting successful Business man in the field of science Projecting scientific ideas to a business plan
Career Path to higher education in science in the UK	<ul style="list-style-type: none"> Career options to higher education in the UK after completing science

Sample Programme

9: 30 to 12:30 : Masters subject seminars

12:30 to 1:30 : Lunch

1:30 to 4:30 : Hands - on Practical sessions

4:30 to 6:30 : Day - time Activities

6:30 to 7:30 : Dinner

Day time Activities : Ice Skating, Ball dance competition, Badminton, Ski club/Skate-boarding, Museums , Punting and Rowing.

Weekend trips : Bath and Stonehenge, Cambridge, Stratford - upon - Avon & London

Accommodation

Experience unique atmosphere of college life at Oxford & London University halls of residence. Most of our accommodation are held in historic building with beautiful gardens and access to local amenities. some are modern premises held in the main city of Oxford and London.

1) Advances in Medical sciences

2) Advances in Genetics & Forensics

3) Advances in Biochemistry

4) Advances in Microbiology

5) Advances in Biology & Environmental sciences

6) Advances in Psychology

7) Advances in Biotechnology

8) Advances in Cosmetic Sciences

9) Pathway to studying medicine

**£195 UK/EU and £450 international
per day includes tea/coffee and lunch**

Please note that schools making booking of more than 10 students get discounted rate of £175 per day within the UK or EU and can accompany one teacher free of charge.

International bookings of more than 10 students get a discounted rate of £425 per day. You can accompany one teacher free of charge to (Accompanying teacher can attend courses free of charge)

II) Conferences

- 1) Career Path to medicine
- 2) Career Path to dentistry
- 3) Career Path To Business & Science
- 4) Career Path After Sixth Form



£120 per day includes tea/coffee and lunch

****More than 10 delegates booked from the same school gets a discounted rate of £99 per day****

III) Summer courses

- 1) July 2 weeks Summer courses - £4300
includes accommodation, breakfast and dinner. Flights excluded
- 2) August 3 weeks summer courses - £6500
includes accommodation, breakfast and dinner. Flights excluded
- 3) Summer science research Programmes - £6500
includes accommodation, breakfast and dinner. Flights excluded

IV) Clinical work- experience abroad - £2800

Includes accommodation, breakfast, lunch and dinner. Flights excluded

V) Clinical work- experience UK - £550 for 5 days UK/EU

excludes travel and accommodation. Includes tea/coffee and lunch.

VI) Summer placements - £340 for 5 days UK/EU

excludes travel, accommodation and food.

ALL COURSES ARE ENROLLED SUBJECT TO AVAILABILITY

**To book your place, kindly refer to our booking form and fees.
Call (01865) 590513 or email: workexperience@medscience.co.uk**



**Head office: Work Experience, Clarendon House, 52 Cornmarket Street,
Oxford OX13HJ. Tel No: 01865 590513
Science, Biomedicine & Medicine helpline : 01865 590513**

**Website:
www.oxfordworkexperience.co.uk / www.londonworkexperience.co.uk
www.medsciworkexperience.co.uk**

ANNUAL CALENDAR

Science, Biomedicine and Medicine

Dates & weeks	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Location London and Oxford						Oxford	
Term - time (2015 - 2016)				Timings - 9:30 am to 6:30 pm			
September				24 th Advances in Genetics & Forensics	25 th Innovations in Medical Sciences	26 th Advances in Biology & Environmental science	27 th Conference Career path to Medicine <hr/> Conference Career path to Business & Medicine
November				19 th Advances in Genetics & Forensics	20 st Innovations in Medical Sciences	21 nd Pathway to studying Medicine <hr/> Conference Career path after sixth form	22 nd Conference Career path to Dentistry
January				28 th Advances in Biochemistry	29 th Innovations in Medical Sciences	30 st Advances in Genetics & Forensics <hr/> Conference Career path after sixth form	31 st Conference Career path to medicine <hr/> Conference Career path to Business & Medicine
May				26 th Advances in Microbiology	27 th Innovations in Medical Sciences	28 th Advances in Genetics & Forensics	29 th May Career path to medicine

Half - term (2015 - 2016)

Location London and Oxford						Oxford	
Term - time (2014 - 2015)				Timings - 9:30 am to 6:30 pm			
October	26 th Innovations in Medical Sciences	27 th Advances in Genetics & Forensics	28 th Advances in Biochemistry	29 th Advances in Microbiology	30 st Advances in Biotechnology	31 st Nov Advances in Biology & Environmental sciences	1 st Nov Conference Career path to medicine
February	15 th Innovations in Medical Sciences	16 th Advances in Genetics & Forensics	17 th Advances in Biochemistry	18 th Advances in Cosmetic Sciences	19 th Advances in Biotechnology	20 th Advances in Psychology	21 st Conference Career path to medicine <hr/> Conference Career path to Business & Medicine
March	28 th Innovations in Medical Sciences	29 th Advances in Genetics & Forensics					
April			30 th Advances in Biochemistry	31 st Pathway to studying medicine	1 st Advances in Biotechnology	2 nd Advances in Biology & Environmental sciences	3 rd Conference Career path to medicine

Christmas (2015) Timings - 9:30 am to 6:30 pm

Location London and Oxford						Oxford	
December			16 th Innovations in Medical sciences	17 th Advances in Biochemistry	18 th Advances in Genetics & Forensics	19 th Advances in Psychology	20 th Conference Career path to medicine <hr/> Conference Career path after sixth form

All our Hands - on courses are run at the Laboratories at University of Westminster and College in Oxford.

For more information on our Hands - on Practical Work Experience, kindly call (01865) 590513 or email us: workexperience@medscience.co.uk

Summer Calendar - July and August 2016

Location - Oxford

Week 1 - July 18 th to July 26th

Week 2 - July 28th to 30th

Week 1 - August 1st to August 6th

Week 2 - August 8th to August 13th

Week 3 - August 15th to August 20th

Dates & weeks 2016	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Week 1 July	18th start of week 1 Start of students taking summer science research Project	19th	20th	21st	22nd	23rd Excursions/ Activities
Week 2 July /August	25th start of week 2	26th	27th	28th	29th	30th Excursions/ Activities End of 2 weeks Summer course
Week 1 August	1st start of week 1	2nd	3rd	4th	5th	6th Excursions/ Activities
Week 2 August	8th start of week 2	9th	10th	11th	12th	13th Excursions/ Activities
Week 3 August	15th start of week 3	16th	17th	18th	19th	20th Excursions/ Activities End of 3 weeks Summer course End of Summer science research Project

Please note all our summer programmes can be booked for 2 weeks in July and for 3 weeks in August for one Master module and their respective hands - on Practical sessions