



布里斯托大学暑期生物医学科学实验室项目



布里斯托大学(University of Bristol), 始建于1876年, 是全球顶尖的综合性大学, 历年来排名稳居英国前十。该校是英国顶尖高校联盟“罗素大学集团”的创始成员以及英国六所红砖大学之一, 被誉为英国的常春藤名校, 同时被政府、科研部门、资助机构和工业界誉为是企业、创新与科研的杰出中心。在2022QS世界大学排名中, 布里斯托大学位列第62名, 是全球前1%的优秀大学。



布里斯托大学 (University of Bristol) 暑期生物医学科学实验室项目为期三周, 学生将在布里斯托大学最先进的生物实验室进行学习。项目侧重于三个主要的学术主题: 生物医学科学技术, 探索身体系统, 临床和科学探究。实验课程包括生物化学、DNA、组织学、微生物学、神经科学、药理学、生理学等, 学习先进的组织制备技术, 并培养学生的沟通和团队合作能力。项目结束后, 学生可获得10个英国学分 (相当于3个美国学分)。此外, 本项目还安排了丰富多彩的文化交流活动, 包括课余活动和周末的市内外文化游览活动等

课表样例：

Week 1							
Day	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	17-Jul	18-Jul	19-Jul	20-Jul	21-Jul	22-Jul	23-Jul
Breakfast		Breakfast provided in residence - 7:30-9:00					
AM session 9.30am-1pm An introduction to biomedical science techniques	Arrivals Day	Programme introduction G13 Life Sciences (10.30am – 12.30pm)	Immunology practical PHARM TL4.14 Lead: Dr Bronwen Burton	Techniques in Microbiology follow up PHARM TL4.14 Lead: Dr Isabel Murillo Cabeza	Introduction to Histology Tissue structure and function – TL3.10 Lead: Prof Frankie MacMillan	Introduction to Biochemistry: pH and buffers – Biochemistry TL5.1 Lead: Dr Kara van Aelst	Day trip to Bath and visit to Roman Baths 9:30am departure from Goldney Hall (no lunch provided) Leave Bath at 4.30pm
Lunch 1-2pm		Lunch break 1-2pm (no lunch provided)					
PM session 2-5pm An introduction to biomedical science techniques		Intro to homeostasis and the effect of altitude SIM TL3.10 Lead: Dr Kiah Tasman	Introduction to Microbiology PHARM TL4.14 Lead: Dr Isabel Murillo Cabeza	(2pm – 4pm) Introduction to Human Neuroscience Muscle nerve properties in the human forearm – TL3.10 Lead: Dr Elena Paci (4pm – 5.30pm) Visit to Botanic Gardens	Introduction to Histopathology PHARM TL4.14 Lead: Dr Chris Williams	Introduction to Comparative Neuroscience: Neurophysiology cockroach stimulation – TL3.10 Lead: Dr Ai Na Ng	
Dinner	Dinner provided in residence 6:00-7:30pm						
Evening	Clifton introductory walk 7:30	Free Evening	Free Evening	Free Evening	Locked in a Room Walk from Goldney at 7:15pm to Explore Lane, BS1 5TY Event from 7:50 to 9:30pm	Free Evening	Free Evening



Week 2							
Day	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	24-Jul	25-Jul	26-Jul	27-Jul	28-Jul	29-Jul	30-Jul
Breakfast	Breakfast provided in residence - 7:30-9:00						
AM session 9.30am-1pm Exploring the systems of the body	Free Day	Introduction to pharmacology Quantifying drug action – TL4.10 Lead: Dr Megan Jackson	(9.30am) Quiz 1 – Histology TL2.2 (10 am) Dynamic lung volumes + the control of breathing simulation – TL3.10 Lead: Dr Kiah Tasman	Day trip to Berkeley: visit to Dr Jenner's House and Berkeley Castle Depart Goldney Hall 10.00am (No lunch provided) Leave Berkeley at 5.00pm	Diagnosis of diabetes – Biochemistry TLS.1 Lead: Dr Kara van Aelst	Recombinant DNA technology – Biochemistry TLS.1 Lead: Dr Kara van Aelst	Day trip to Oxford with walking tour Depart 8:30am from Goldney Hall (No packed lunch provided) Leave Oxford at 4.30pm
Lunch 1-2pm		Lunch break 1-2pm (no lunch provided)			Lunch break 1-2pm (no lunch provided)		
PM session 2-5pm Exploring the systems of the body		International office session - Careers and PG C44 Biomedical Building	Biomed research session - Faculty WMB, Reception Room Academic talks: 2-3pm Coffee Break: 3-3.30pm PGR Talks: 3.30 – 5pm		Reflex and voluntary contractions of human muscle – TL3.10 Lead: Dr Bart Harvey	Recombinant DNA technology – Biochemistry TLS.1 Lead: Dr Kara van Aelst	
Dinner	Dinner provided in residence - 6:00-7:30pm						
Evening	Free Evening	Free Evening	Free Evening	Free Evening	Free Evening	Free Evening	Free Evening

Week 3							
Day	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date	31-Jul	01-Aug	02-Aug	03-Aug	04-Aug	05-Aug	06-Aug
Breakfast	Breakfast provided in residence - 07:30-09:00						
AM session 9.30am-1pm Clinical and scientific inquiry	Free Day	Human Electrocardiography + the effects of haemorrhage simulation – TL3.10 Lead: Dr Lujain Alsadder	(9.30am) Quiz 2 – Histology TL2.2 (10 am) Measurement of drug action on isolated blood vessels – TL3.10 Lead: Dr Steve Fitzjohn	Integrative physiology lab project – TL3.10 Lead: Dr Elena Paci	Integrative physiology lab project presentation preparation – TL3.10 Lead: Dr Zoe Palmer	Wrap up/feedback/debrief/ awards Wills MB Reception Room	Departures Day
Lunch 1-2pm		Lunch break (no lunch provided)					
PM session 2-5pm Clinical and scientific inquiry	Free Day	Neuroanatomy session Lead: Alex Swainson & Dr Elena Paci	Integrative physiology lab project – TL3.10 Lead: Dr Zoe Palmer	Integrative physiology lab project – TL3.10 Lead: Dr Ai Na Ng	Integrative physiology lab project oral presentations - TL3.10	Free time	
Dinner	Dinner provided in residence - 18:00-19:30						
Evening	Free Evening	Free Evening	Free Evening	Free Evening	Harbour cruise and dinner Cruise starts 5.45pm at Cascade Steps	Free Evening	

注：具体安排以布里斯托大学最终通知为准。

项目时间

2023年7月16日-8月5日

申请截止：2023年4月30日

申请要求

- 国内生物医学科学、生物学、医学或健康科学相关专业在读本科生；
- 成绩优异，GPA3.0+；
- 语言要求：英语成绩达到雅思6.5（单科6分）、托福不低于85分（小分不低于20分），或CET-4/6 520分；如无语言成绩，可接受相当英语水平的同学参加。

注：最终录取结果以布里斯托大学意见为准。

申请材料

- 电子选课表
- 电子版照片（护照规格）
- 国内院校英文成绩单
- 个人陈述（至少250字）
- 语言成绩单

项目费用

人民币33800元

费用包含：申请费、课程费、学校宿舍单人间费用、住宿期间的早餐和晚餐、境外意外保险、项目管理服务费等费用

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