



Leeds

In the centre of the UK

- The 3rd largest city in the UK with 770,000 inhabitants
- Excellent road, rail and air links
- 2 hours north of London
- Largest financial & professional, legal and digital centres outside London
- Other key strengths in health & life sciences, food & drink, advanced manufacturing and engineering
- Major cultural and sporting heritage
- Excellent shopping, cultural and sporting facilities



Times Higher 'Entrepreneurial University of the Year'
National Business Award for University Entrepreneurship
National Enterprise Educator Award for Student Enterprise
University of the Year 2017



UNIVERSITY OF LEEDS

THE University

Founded in 1904

A member of the Russell Group of research intensive universities

Part of the Worldwide Universities Network (WUN)

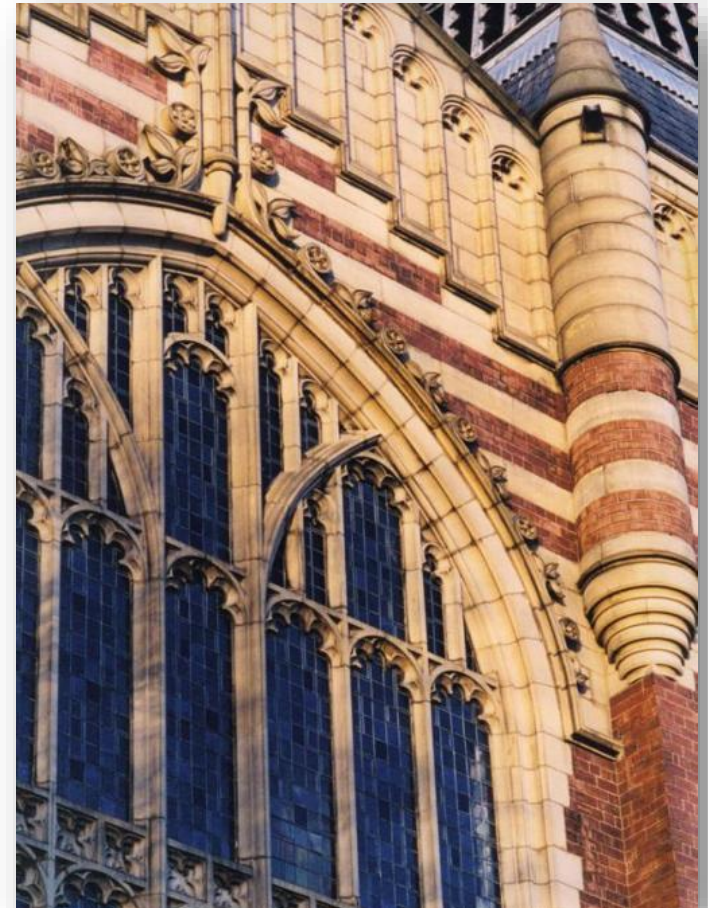
2nd largest in the UK with over 35,000 students

- 8,000 postgraduates
- 6,000 from outside the UK – 146 countries

7,500 staff from 99 different nations

Offering an enormous range of courses

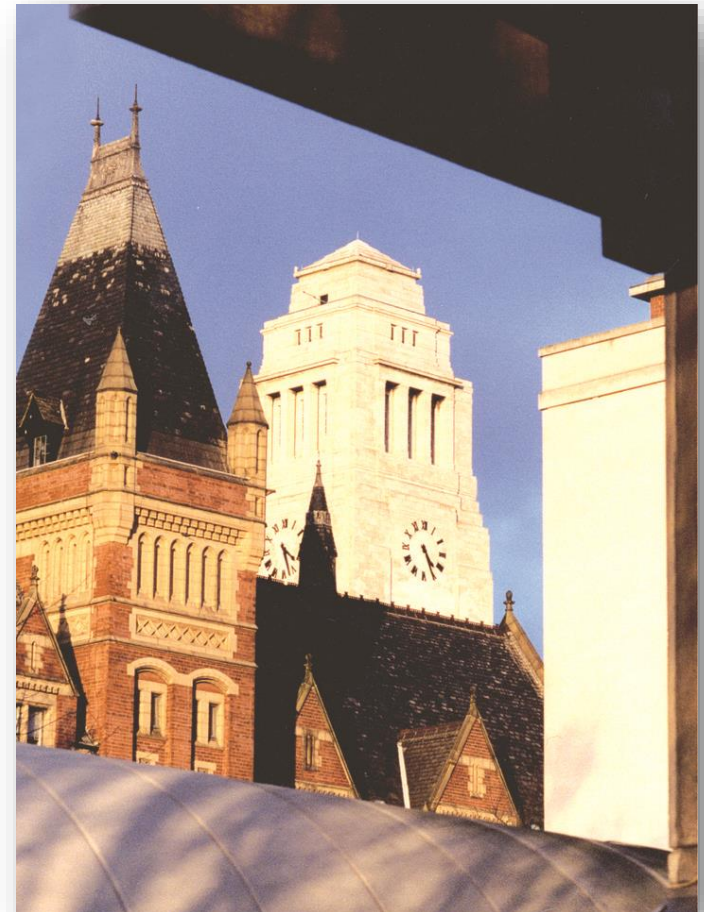
- 560 undergraduate degree programmes
- 300 postgraduate Masters programmes





8 Faculties

- Arts, Humanities and Cultures
- Biological Sciences
- Business
- Education, Social Sciences and Law
- Engineering
- Environment
- Mathematics and Physical Sciences
- Medicine and Health





UNIVERSITY OF LEEDS

World-class Staff

- 560 full professors
- Recruiting 250 new academic staff over 3 years
- Recruiting 40 'top performers'





World-class

RESEARCH & TEACHING

- Ranked in the UK top ten for research power in the 2014REF
- Very highly rated for impact of our research in 2014REF
- Positioned in QS world rankings
- University of the Year 2017
- 90% of final year students rate their course as intellectually stimulating (2014 NSS)
- 20 National Teaching Fellowship awards - more than any other English university
- One of the Top 10 UK universities targeted by top graduate employers





World-class IMPACT

- University contributes £1.3Bn p.a. to UK and regional economy
- Spun out more than 100 companies in last 20 years
- 40 active spin-out companies - from oil exploration to cancer drug development – market capitalisation of over £500m
- 7 listed on AIM – more than any other UK university
- Students launched 48 start up companies last year – 37 in our dedicated business incubator
- Contract research partnerships with 160 businesses worth £49m
- 36% of our academics are involved in applied research or as consultants to industry
- Partnerships with major multinational companies – Marks & Spencer, Rolls-Royce, P&G





World-class Ambition

- £520M investment in new buildings 2015-2025
- Including:
 - £120M integrating Science and Engineering
 - Sir William Henry Bragg Building
 - Bragg Research Centre
 - Nexus: Innovation and Enterprise Centre
 - £40M refurbishment of Engineering
 - Biomedical centre





Student Life

- One of the best Student Unions in the UK - ranked =2nd in 2015
- Over 300 clubs and societies – covering sport, dance, music and everything else you can imagine
- Leeds Student Radio, Television and Newspaper
- The most playing field space at a university in the UK
- Leeds' largest indoor sports halls
- 25m 8-lane swimming pool
- Squash courts and climbing wall
- 250 state-of-the-art fitness suite
- Free 'off peak' membership to students staying in University Halls



Exceptional, on-campus sport facilities



UNIVERSITY OF LEEDS

Chinese Olympic Team

Training Camp Leeds 2012

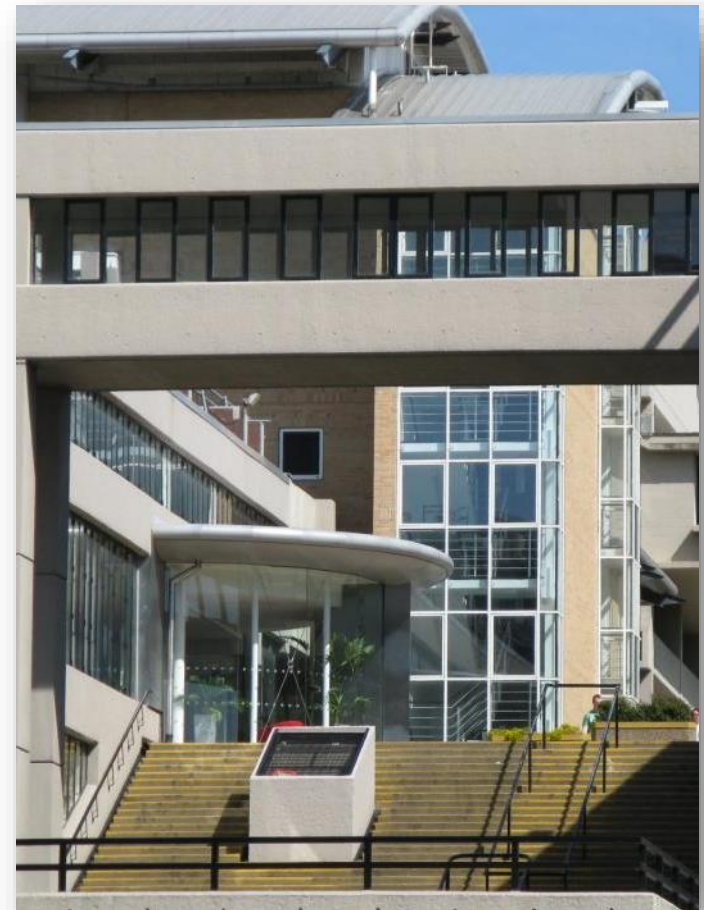




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Faculty of Mathematics *and* Physical Sciences

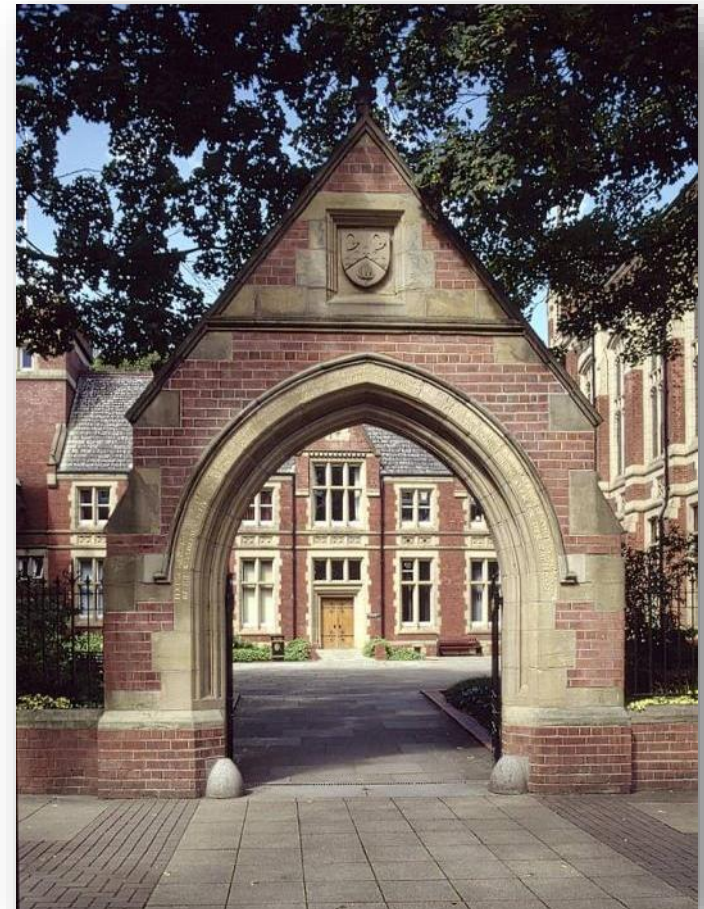
- School of Chemistry
- School of Food Science and Nutrition
- School of Mathematics
- School of Physics and Astronomy





Faculty Facts

- 200 academic staff
- Over 2,000 undergraduate students
- 450 Postgraduate students
- 469 Overseas students from 64 countries
- 26 undergraduate degree courses
- 16 postgraduate Masters courses
- £50 million research funding

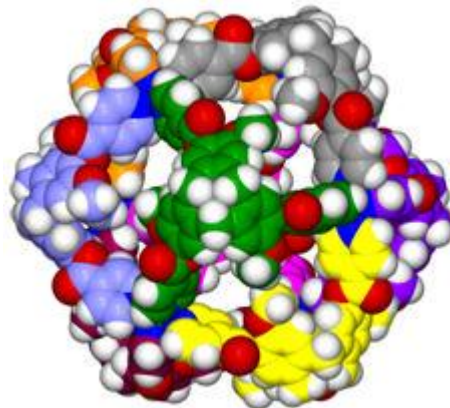
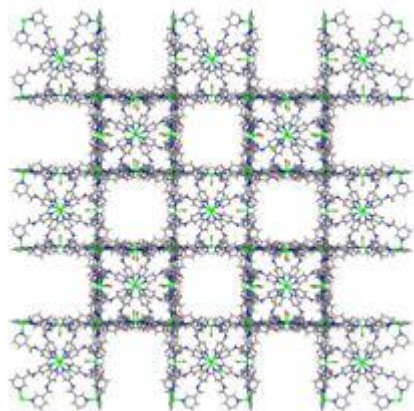




Key areas of research

Chemistry

- Atmospheric and Planetary Chemistry
- Chemical Biology and Medicinal Chemistry
- Colour and Polymer Science
- Computational Chemistry and Chemical Physics
- Crystallisation and Directed Assembly
- Process Research and Development



Physics and Astronomy

- Astrophysics
- Condensed Matter
- Molecular and Nanoscale Physics
- Soft Matter Physics
- Theoretical Physics





Key areas of research

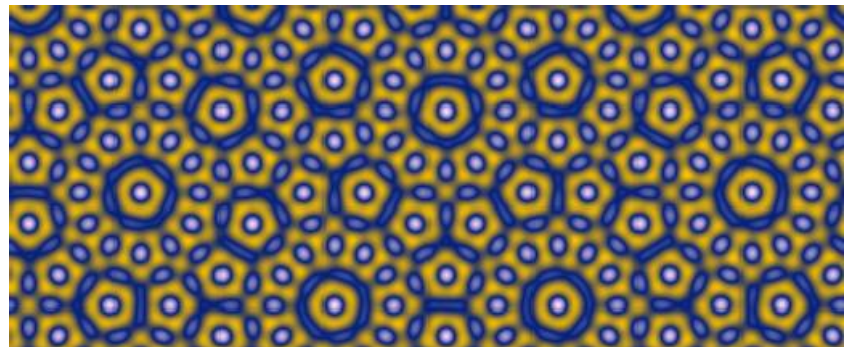
Food Science and Nutrition

- Food Chemistry and Biochemistry
- Food Colloids
- Nutrition and Public Health



Mathematics

- Algebra, Geometry and Integrable Systems
- Analysis
- Applied Nonlinear Dynamics
- Astrophysical and Geophysical Fluids
- Mathematical Biology and Medicine
- Mathematical Logic
- Polymers and Industrial Mathematics
- Probability, Stochastic Modelling and Financial Mathematics
- Statistics

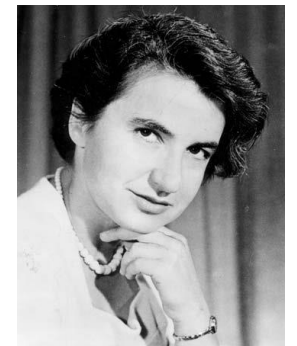
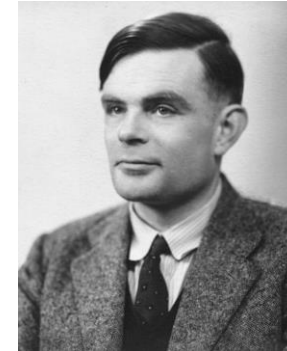
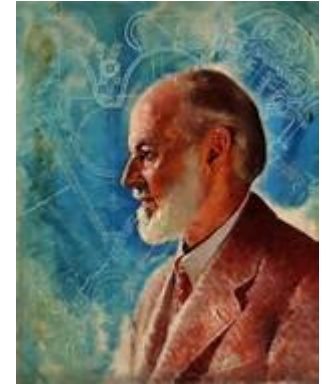


Partnerships with National Research Centres



UNIVERSITY OF LEEDS

- Sir Henry Royce Institute for Advanced Materials (Leeds hub)
- Turing Institute for Data Science
- National Centre for Atmospheric Science (based in University of Leeds)
- Rosalind Franklin Institute – physical science and engineering advances to tackle major challenges in health and life sciences
- Diamond Light Source – UK national synchrotron: University of Leeds shared ‘soft X-ray’ station and local ‘gateway’

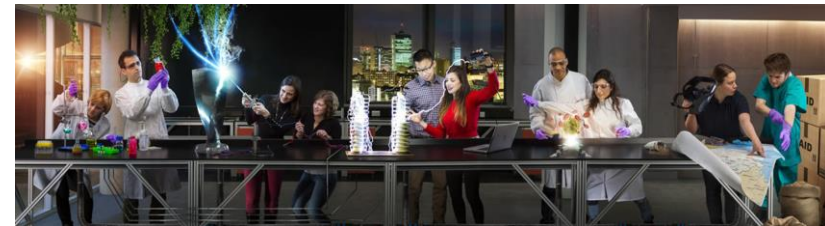




Bragg Centre

World-class investment

- £96m new investment
- Interdisciplinary research centre for Advanced Engineered Materials and Nanotechnology
- Soft Materials including biomaterials
- Hard Materials
- Clean Room
- Growth facilities
- Characterisation
- XPS and direct access to national synchrotron research facility (DIAMOND)
- Fabrication





Astbury Centre

For Structural Molecular Biology

"Understanding Life in Molecular Detail"

- Wellcome Trust 4-year PhD programme
- BBSRC-funded PhD programme
- £17M investment in 'BioStructure Laboratory'

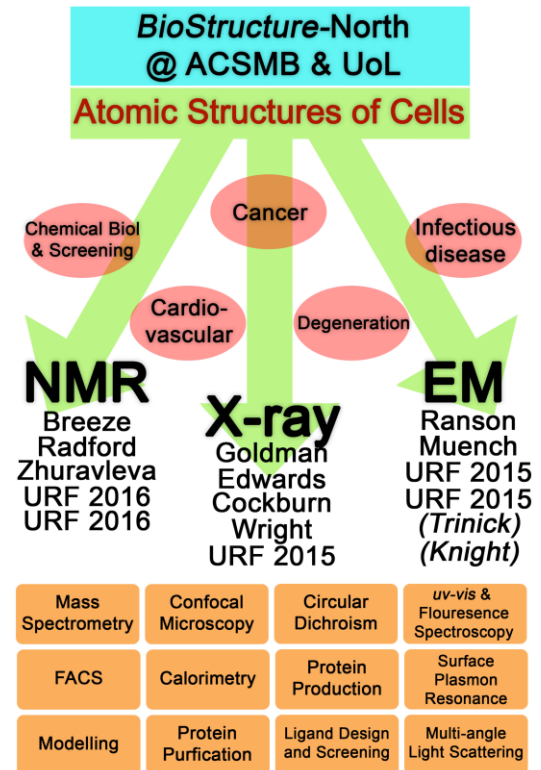
- Two 300 keV Electron Microscopes

New insights into healthy and diseased cells and how pathogens like viruses and bacteria attack them

- 950 MHz NMR

To reveal how biological structures move and interact in real time to investigate complex disorders associated with ageing, cancer, lifestyle and drug resistance

- Adds to major investment in X-ray





LIDA

Leeds Institute for Data Analytics

MRC Centre for Medical Bioinformatics: £7M investment by MRC

High volume molecular and phenotypic datasets + On-line patient records + Maths and CS → Clinical impact

Initial focus on inherited rare diseases, kidney disease, skin cancer and colorectal cancer

ESRC Consumer Data Research Centre: £5m investment by ESRC

Industrial partners: Asda-Walmart, Barclays, Telefonica, Acxiom, Sainsburys, Post Office, Marks and Spencer

Data types: product sales, loyalty card and reward scheme, market research, movement (smart ticketing, traffic monitoring, mobile phone)

