

University of Oxford Programme for the Future of Cities

**Global Leadership for the Future of Cities
Summer Course**

14–27 August 2018

Christ Church College, University of Oxford
St Aldate's, Oxford OX1 1DP



FLEXIBLE CITY
OXFORD FUTURE OF CITIES

<http://www.futureofcities.ox.ac.uk/>

Welcome to the Global Leadership for the Future of Cities Summer Course!

Cities all over the world face complex and rapidly evolving challenges, such as climate change, global migration flows, transnational governance demands, financial volatility, and expanding social inequalities. The Oxford Programme for the Future of Cities at the University of Oxford aims towards rethinking the city as a flexible and dynamic space that better responds to evolving circumstances.

The Global Leadership for the Future of Cities Summer Course is designed to provide talented and advanced university students and professionals from a variety of disciplines and fields aspiring to pursue high-level research or management careers with the exposure to the key areas involved in making urban development sustainable, flexible, dynamic, resilient and vibrant in response to evolving challenges and circumstances. These areas include governance and policy; design and planning; technology and innovation; economics, finance and commerce; and social and cultural development.

Aiming to connect top research and best practice, the course engages attendees in interactive and participatory lectures and seminars taught by leading experts at the University of Oxford, Oxford Brookes University, Imperial College London, Warwick University, and management personal and practitioners in the UK government, business and industrial sectors. It provides a global and comparative perspective on major aspects of contemporary and near future urban development with case studies on global cities, in order to explore innovative and sustainable practices that balance economic, environmental and social aspects of urban development.

The course also organises visits to London as a mega city through which participants will gain first-hand experience of London's political, financial, business, and cultural districts, tour the world's largest exhibition of low carbon design of our urban future, interact with experts at a world renowned architectural design and urban planning firm, and visit London's financial district.





To balance between knowledge and practice, the Summer Course will present some of the actual local urban development challenges faced by Oxford City and Oxfordshire County for the attendees to work on. These challenges may be related to the Smart and Green City, Zero-Emission Zone, housing development, and circular economy initiatives of Oxford, in line with the United Nations Sustainable Development Goals. The attendees will have the privilege of working under the guidance of experienced researchers and professionals in Oxford, to analyse and try to work out integrated solutions for these challenges, aiming to provide recommendations for local policymakers. It is expected that attendees will be organised in groups to tackle different aspects (technological, economic and financial, social, etc.) of the challenges before putting together integrated solutions. To complete this project, attendees need to do pre-course reading assignments, and apply and integrate what they have learned each day from lectures, seminars, project workshops, and site visits. At the end of the course, each project group will develop and deliver a power-point presentation, which will be evaluated by supervisors and mentors in comparison with presentations given by other groups. Top-ranking presentations will be granted award certificates by the Oxford Programme for the Future of Cities.



On the final day, all the attendees who successfully complete the course will receive a Certificate of Completion from the Oxford Programme for the Future of Cities. As a follow-up step, attendees who successfully complete the summer course may apply for the MSc or DPhil in Sustainable Urban Development or other relevant degree programmes in public administration and policy; business, economics and finance; law; science and technology; social sciences; environmental studies, and humanities subjects at the University of Oxford, Imperial College London, Warwick University, Oxford Brookes University and other universities, as well as apply for internship opportunities at relevant government institutions, NGOs, and business and industrial organisations.



Week One: 14–20 August 2018

	Tuesday 14 August Arrival	Wednesday 15 August Oxford	Thursday 16 August Oxford	Friday 17 August Oxford	Saturday 18 August Oxford	Sunday 19 August Oxford	Monday 20 August London	
7:30–8:15		Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	
9:00–09:50		Programme Orientation	‘Global Challenges for Transport to 2050’ Professor David Banister	‘Can Future Energy Demands be Met Sustainably?’ (I) Professor Sir Chris Llewellyn Smith	‘Economic and Business Assessment of Sustainable Urban Development’ Graham Smith	‘Innovative and Sustainable Urban Planning and Architectural Design in London’ Toby Blunt	Coach Trip to London	
09:50–10:10		Tour of Oxford	Tea & Coffee Break	Tea & Coffee Break	Tea & Coffee Break	Q&A Discussion	Visit the Crystal 11:00–12:00 Exhibition Tour	
10:10–11:00			‘Cities and Transport: Sustainable Urban Development’ Professor David Banister	‘Can Future Energy Demands be Met Sustainably?’ (II) Professor Sir Chris Llewellyn Smith	‘Innovative Financial Practices and Public-Private Partnership in Sustainable Urban Development’ Graham Smith	Tea & Coffee Break		
11:00–11:30			University of Oxford Museums	Q&A Discussion	Q&A Discussion	Q&A Discussion		‘Transport in London’ Ian Birch
11:30–12:00				Break	Break	Break		
12:00–13:30		Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	
13:30–14:20		Airport Pick-up	University of Oxford Museums	‘Introduction to Smart and Sustainable Urban Development in Oxford’ Laura Peacock	Case Study and Method: ‘Tackling Urban Development Challenges in Oxford’ (I) Dr Paola Sassi	‘Technology, Policy, and Economic and Social Aspects of Urban Development in Oxford’ Laura Peacock	Case Study and Method: ‘Tackling Urban Development Challenges in Oxford’ (II) Dr Paola Sassi	Visit of a world leading architectural and masterplanning firm in London 14:30-15:00
14:20–14:50			Tour of Oxford	Q&A Discussion	Q&A Discussion	Q&A Discussion	Q & A Discussion	London Financial District Walking Tour
14:50–15:10				Tea & Coffee Break	Tea & Coffee Break	Site Visit in Oxford	Tea & Coffee Break	
15:10–16:00				‘Introduction to Urban Development Challenges in Oxford’ Laura Peacock and Dr Paola Sassi	Project Workshop I Dr Paola Sassi & Dr Yuge Ma		Project Workshop II Dr Paola Sassi & Dr Yuge Ma	
16:00–18:00			Arrival and registration at Christ Church	Free Time	Free Time	Free Time	Free Time	Coach trip back to Oxford
18:00–19:30		Dinner		Dinner	Dinner	College Evensong		
19:30–21:00		Welcome Dinner	Rest	Cultural Night Scottish Dancing	Study Time	Study Time	Dinner	Dinner
21:00		Rest		Rest	Rest	Rest	Rest	Rest

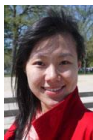



Speakers for Lectures

Speaker	Profile	Lecture
 Professor David Banister	<p>Professor Banister was Professor Emeritus of Transport at the University of Oxford. He was the Director of the Transport Studies Unit, University of Oxford (2006–2015). He was also Director of the Environmental Change Institute in the School of Geography and the Environment, University of Oxford (2009–2010). Prior to 2006, he was Professor of Transport Planning at UCL. He has spent time as a Research Fellow at the Warren Centre in the University of Sydney (2001–2002), a Visiting VSB Professor at the Tinbergen Institute in Amsterdam (1994–1997), and Visiting Professor at the University of Bodenkultur in Vienna (2007). He was the first Benelux BIVIC-GIBET Transport Chair (2012–2013) and was recently the Chair of the ERC Advanced Research Grant SH3 Panel (2015–2016). His research expertise is in transport scenario building, sustainable cities, energy and environmental modelling. He has published 23 books and over 250 papers in referred journals.</p>	(1) ‘Global Challenges for Transport to 2050’ and (2) ‘Cities and Transport: Sustainable Urban Development’
 Ian Birch	<p>After taking a degree in Economics from Cambridge University and a Masters in Transport Economics from the Institute of Transport Studies at Leeds, Ian Birch began his career with Ove Arup & Partners, working extensively across Central and Eastern Europe on the European Union’s ‘Phare’ programme. Ian started working for Transport for London in 2004 and for the last five years he has led the transport economics work in TfL’s Strategy and Planning team. His work covers a wide range of strategic planning projects and policy areas including a series of reports on London’s hub airport capacity needs, a 2050 Infrastructure Plan and case making for projects such as the Emirates Air Line and the Northern Line Extension to Battersea. Recently he has led work on the economic impacts of ‘Crossrail 2’ which formed a key element of the business case TfL submitted to the Government in March 2017.</p>	‘Transport in London’
 Toby Blunt	<p>Toby Blunt joined Foster + Partners in 1995, became an associate partner in 2004 and was promoted to partner in 2006. For five years he was based in Berlin, Singapore and Malaysia, working closely with teams on site for a wide range of projects including the redevelopment of the Reichstag, New German Parliament, in Berlin. More recently he has led teams for a number of large projects in the Middle East including The Index, Dubai; Al Raha Beach Development and the New Zayed National Museum in Abu Dhabi.</p>	‘Innovative and Sustainable Urban Planning and Architectural Design in London’
 Professor Michael Keith	<p>Professor Keith is Director of the Centre on Migration, Policy, and Society and Co-Director of the Future of Cities Programme at the University of Oxford. He is the author of 10 research monographs and edited volumes and over 65 refereed articles and book chapters and numerous policy reports (see https://www.compas.ox.ac.uk/people/staff/michael-keith/). He has also been Co-ordinator (2015-2018) of all ESRC investments in urban studies, responsible for the ESRC Urban Transformations programme, Newton programmes on cities in Brazil, India, China and South Africa; a portfolio of forthcoming grants valued at over £30 million. He currently leads the largest international urban studies project called PEAK Urban at the University of Oxford, a project funded by the Research Council UK. He also has wide experience in public life and successful strategic management of large revenue and capital budgets. He has been directly responsible for change management and strategic direction for several large scale organisations. He was until 2006 the Leader of the Council in the London Borough of Tower Hamlets in the east end of London after spending twenty years in east London public life (including five years as leader of the council and eight years as lead on urban regeneration). The local authority has a budget of almost £1 billion per annum. He led the authority for five years at three different times between 1994 and 2006 to a place at the time formally recognized as the top social services provider, top performing local education authority and local strategic partnership in the country. Between 2006 and 2008 he served as a commissioner in the national Commission on Integration and Cohesion, established by Tony Blair in the wake of the 2005 London bombings and reporting to the Secretary of State at the former Department for Communities and Local Government (DCLG, currently the Ministry of Housing, Communities and Local Government). He was also Chair of Thames Gateway London Partnership (TGLP) for seven years from 2000 – 2006, at the time the largest urban regeneration project in Europe. He was responsible for</p>	‘Global Leadership for the Future of Cities’





	<p>negotiation of the Thames Gateway Plan with central government on behalf of local authorities and an advisor to successive Secretaries of State at DCLG on the Gateway. He has been a non-executive board member or founder of over fifteen urban regeneration and related ‘partnership’ boards and companies (including founding the Thames Gateway Urban Development Corporation) and was also a trustee of the Whitechapel Art Gallery, remains chair and founder of the Rich Mix Cultural Foundation (London’s largest intercultural arts centre with cultural and creative industries workspaces, three live performance spaces and three cinemas) and served for six years as a non-executive Director of the Homerton Foundation Trust Hospital.</p>	
 <p>Professor Sir Chris Llewellyn-Smith</p>	<p>Professor Llewellyn-Smith is currently Director of Energy Research, Oxford University, President of the Council of SESAME (Synchrotron light for Experimental Science and Applications in the Middle East), and a Visiting Professor in the Oxford Physics Department. He was Director of UKAEA Culham (2003–2008), with responsibility for the UK's fusion programme and for operation of the Joint European Torus (JET), Provost and President of University College London (1999–2002), Director General of CERN (1994-1998), and Chairman of Oxford Physics (1987–1992). He was Chairman of the Council of the world fusion project ITER (2007–2009), the Consultative Committee for Euratom on Fusion (2003–2009), the Advisory Committee on Mathematics Education (2002–2004), and the CERN Scientific Policy Committee (1990–1992), and has served as a Vice President of the Royal Society (2008–2010) and on numerous other national and international advisory committees, including the UK Prime Minister's Advisory Committee on Science and Technology (1989–1992). He has written and spoken widely on science funding, international scientific collaboration and energy issues. His scientific contributions and leadership have been recognised by awards and honours in seven countries on three continents.</p>	<p>‘Can Future Energy Needs be Met Sustainably?’</p>
 <p>Graham Smith</p>	<p>Graham Smith joined HSBC in 1996 and has more than 20 years of investment banking experience. In 2004 he set up the team responsible for HSBC’s financing of Bus Rapid Transit (BRT) systems globally and has acted as financial adviser and arranger on the largest projects in the sector in recent years. He is currently the Director and co-leader of HSBC’s Sustainable Finance Unit responsible for driving the growth in sustainable financing within the Bank. A key goal of this Unit is to develop HSBC’s financing of Smart Cities and he is part of the HSBC and Arup team that represents the UK’s interest in the UK-China Smart Cities Hub that was agreed at the last UK-China Government talks in London in October 2016. He is responsible for the development and Global rollout of training within HSBC to increase awareness of the opportunities that a focus on Sustainable Business can bring to HSBC. He is also one of HSBC’s Green Financing specialists, leading the teams working with the Green Climate Fund and the Catalytic Finance initiative. Graham is a graduate of Southampton University, and has been a trustee and member of the Executive Committee of Canning House the Latin American think-tank and a member of the Banking Committee of the British Exporters Association and the Export Finance Committee of the Confederation of British Industry, he is a technical advisor to the UN Secretary General High-Level Group on Sustainable Transport. Other notable transactions that Graham has led include finance for the Brazilian Sovereign and Public Sectors with over USD 2bn of finance raised for the Brazilian Government. Graham has worked with/provided advice to Ministries of Transport/Finance in South Africa, Chile, Panama, Colombia, Malaysia, the Philippines and Indonesia and worked with and provided advice to the Cities of Santiago, Mexico City, Johannesburg, Panama City, Bogota and Pretoria.</p>	<p>(1) ‘Economic and Business Assessment of Sustainable Urban Development’ and (2) ‘Innovative Financial Practices and Public and Private Partnership in Sustainable Urban Development’</p>

 <p>Professor Richard Templer, FRSC</p>	<p>Professor Templer is Director of Innovation at the Grantham Institute for Climate Change and the Hofmann Chair in Chemistry at Imperial College London. Since 2007, he has been active in the creation of initiatives to drive innovation that combats the causes and effects of climate change. In 2009 he was part of the successful bid to the European Institute for Innovation and Technology to create a Climate Knowledge Innovation Community (Climate-KIC). In 2010 he became the Director of the UK arm of Climate-KIC and Director of Education for the whole KIC.</p>	<p>(1) ‘Technology Acceleration and Innovation Cluster: Developing a Low Carbon Economy in and for Cities’ (2) ‘Smart City Challenges’</p>
 <p>Professor Ivo Vlaev</p>	<p>Professor Vlaev joined Warwick University’s Business School as a Professor of Cognitive Science and Behavioural Economics. Previously he was a Senior Lecturer in Behavioural Sciences at the Faculty of Medicine, Imperial College London and a Researcher at University College London. His research focuses on human decision making in various important domains, e.g., social, financial, and medical. Specific research topics are decision-making, risks attitudes, behaviour change, consumer psychology, behavioural economics and finance, cooperation, and well-being. He approaches these from the convergence of psychology, neuroscience and economics, which achieves results that none of the disciplines can achieve alone. His recent work with various public organisations is on applying behaviour change principles to changing people’s decisions about their health, finances and the environment. He is a co-author of the UK Cabinet Office MINDSPACE report in 2010, which provides a framework for designing effective policies and is used widely across both local and central government and in the commercial sector. He advises local and national policymakers on how to effectively use behavioural insights in their policy setting. He has also acted as a reviewer for a wide range of journals and research funding organisations. He received his DPhil in Experimental Psychology from the University of Oxford (St John’s College).</p>	<p>‘Applying Behavioural Economics to Urban Sustainability’</p>

Speakers for Seminars and Workshops

Speaker	Profile	Seminar
 Dr Yuge Ma	<p>Dr Ma is a postdoctoral researcher in the Environmental Change Institute, University of Oxford. She focuses on global low-carbon development, energy efficiency, energy and climate policy, as well as sustainable urbanisation in China, India and beyond. Her current research is funded by the prestigious EU Horizon 2020 GREEN-WIN Project, which focuses on win-win strategies and sustainable business models of climate action and urban transformation in Shanghai, Istanbul, Barcelona and Venice. She received her BEng and BA from Tsinghua; MSc and DPhil from Oxford. Her PhD thesis investigated China and India's low-carbon technologies and policies via the lens of the energy efficiency industry.</p>	(1) 'Introduction to Urban Development Challenges in Oxford'; (2) Project Workshops I-V
 Laura Peacock	<p>Laura is Innovation and Research Team and Oxford Locality Manager responsible for Infrastructure, Innovation and Development at Oxfordshire County Council. Coming from a background in Communications, Strategic Planning, Policy development, and leading major Transport Innovation Projects and Bids, Laura has a depth of experience which has enabled her to implement Smart City principles in Oxfordshire. Allowing Oxfordshire to lead the worldwide disruption of how cities live and breathe. She heads up the Innovation and Research team at Oxfordshire County Council who are committed to developing and deploying innovative R&D and projects to address the challenges that cities face. She plays an important role in intelligent infrastructure and mobility systems and has been at the centre of Smart City activity for the past 5 years, being instrumental in developing links to business and academia.</p>	(1) 'Introduction to Smart and Sustainable Urban Development in Oxford'; (2) 'Introduction to Urban Development Challenges in Oxford'; (3) 'Technology, Policy, and Economic and Social Development in Oxford'
 Matthew Richardson	<p>Matthew was former Director of Research on European Real Estate at Fidelity International, a multinational financial services corporation which manages over 3 trillion US dollars of assets globally. He has more than 28 years of experience of working in the European, US and Asian property markets. Prior to joining Fidelity, among his high-profile positions, he held a variety of roles, including Head of Property Finance at Experian Business Strategies in the UK; Director of Asia Operations at Dow Jones Teleres; Regional Research Director-Asia Pacific at Brooke Hillier Parker (now CBRE); and Senior Analyst at IPD in the UK. He has lectured at the London School of Business, LSE, UCL, Cambridge and Oxford, and is a regular speaker and panellist at industrial events.</p>	London Financial District Walking Tour
 Dr Paola Sassi	<p>Dr Paola Sassi is a Senior Lecturer and Researcher in the School of Architecture and the Oxford Institute of Sustainable Development at Oxford Brookes University where she has supervised students in tackling and devising solutions for local urban development challenges in Oxford. Previously she taught at the University of Nottingham, Cardiff University and the Centre for Alternative Technology in Machynlleth, Wales. She has more than 30 years of architectural practice experience and as partner of Sassi Chamberlain Architects was responsible for a number of shortlisted and winning designs competitions and experimental developments including two ultra-low energy closed loop material cycle flats in Cardiff and a Victorian terrace refurbishment achieving 80% reduction in heating requirements. Paola researches, publishes and has been invited internationally to speak about her work in the field of design for deconstruction and closed loop material cycles, ventilation in ultra-low energy homes and motivations for adopting sustainable lifestyles. She is the author of 'Strategies for Sustainable Architecture', runner up in the RIBA International Book Award 2007.</p>	(1) 'Introduction to Urban Development Challenges in Oxford'; (2) Case Study: 'Tackling Urban Development Challenges in Oxford' (I & II); and (3) Project Workshops I-V

Programme Management Team

Staff	Profile
 Sarah Bruhn	<p>Sarah is Programme Manager at Summit Education Enterprise Ltd (SEE). She received her BA in English and Special Needs Education from the University of Erfurt; MA in Inclusive Education from the University of Erfurt; and MSc in Education (Research Design and Methodology) from the University of Oxford; Her academic passion lies in the intersection of public policy, philosophy and education. She loves structures—both creating systems as well as studying their influence on people and how they can be designed to enable people to reach their full potential. In her free time you find her hiking in nature, reading books, designing cards or engaging in politics—for example in the public seminars at the Blavatnik School of Government, University of Oxford.</p>
 Dr Samuel Chen	<p>Dr Chen is currently Research Fellow and China Liaison at the Centre on Migration, Policy and Society, University of Oxford, and Research Associate and Training Programme Manager at the Oxford Programme for the Future of Cities, University of Oxford. Previously he was Research Fellow in History of Civilisation at Wolfson College (2010–2017), researching and teaching four major Near and Far Eastern languages and civilisations. He has more than 22 years of international project management experience in China, the UK and US and has managed multiple training programmes, conferences and projects on a wide spectrum of topics ranging from arts, humanities, technology, policy and business in different cities, such as Beijing, Shanghai, and Changsha in China; and Oxford, London, Edinburgh, and Lancaster in the UK; and Los Angeles, San Diego, Washington, D.C., and Boston in the US. He has also worked as a consultant to education institutions, businesses, industrial sectors and government organizations since 2009, particularly on a number of collaborative sustainability projects between the UK and China. He is also the Founding Director of SEE and Oxford Sustainable Enterprise Ltd in Oxford. He graduated from Harvard University and the University of Oxford.</p>
 Carolina Hamid	<p>Carolina is Business Support Officer at SEE. She received her BA Hons from European Business School London, and MSc in New Media and Education Change from Stockholm University. As an entrepreneur and professional, Carolina came to SEE with many years of international experience and professional knowledge from having worked as an entrepreneur and with multinational corporations. She worked in the heart of the financial centre of London creating new and efficient online trading systems for Bloomberg. She has pastoral experience working as a student councillor in Asia for ACE International.</p>
 Lucy Han	<p>Lucy is Operations Coordinator at SEE. She received her MA in Theological Studies from the University of St Andrews and MSt in Theology from the University of Oxford. She likes to describe herself as an integrative thinker with an Eastern soul and a Western mind, which naturally leads her to develop a passion for dialogues between different ideologies and cultures. Driven by a quest for the true nature of human beings, she embarks on an academic journey consulting the great minds of the history - all the way from contemporary existential writers to ancient Greek thinkers - and still finds human nature beyond comprehension; Outside of her intellectual bubble, she drinks tea for the day and wine for the evening. She loves reading, running and wearing colourful socks.</p>

Experiencing Oxford University's Traditional College Life at Christ Church College



In order for attendees to gain in-depth experience of the traditional and unique learning environment at the University of Oxford, the Future of Cities Summer Course will take place at Christ Church (founded in 1546), which is arguably the most aristocratic college at the University of Oxford and is located at the centre of the city of Oxford and the University. The College has produced thirteen British prime ministers, more than any other Oxbridge college. Albert Einstein was studying here in the early 1930s. The College has been used in filming of a number of popular movies, including J K Rowling's *Harry Potter* Series.



All the teaching will be held at Christ Church. Participants will take the College's student accommodation, and have most of their breakfast and lunch in the College's magnificent Dining Hall. In addition, the Course will also organise a visit to the Evensong Service, a medieval tradition that has been kept alive, at Christ Church, so as to expose the attendees to the cultural heritage handed down from the Middle Ages.

Tours of Oxford University

In order to give the attendees a multi-faceted experience of the University of Oxford, we will arrange for outstanding postgraduate students at the University of Oxford to give the attendees tours of some of the landmark buildings of the University.



[Bodleian Library](#), built in 1602, is one of the oldest libraries in Europe. It has 11 million books, only after the British Library in terms of the amount of collections.

[Ashmolean Museum](#), built in 1683, is the oldest university museum in the world. It has collected valuable artefacts and paintings from all over the world.

[Oxford University Natural History Museum](#), built in 1850, is the venue of the famous debate on evolution vs creation in 1860, also the exhibition site of the first telegraph. The specimen collection of the extinct Dodo at this museum is the world's most complete specimen of a single Dodo, which also inspired Lewis Carroll, the author of *Alice's Adventures in Wonderland* (he used to visit the Museum regularly for the depiction of the Dodo in his book).

[Pitt Rivers Museum](#), built in 1884, has 50,000 archaeological and anthropological items.

[Oxford University Botanic Garden](#), founded in 1621, is the United Kingdom's oldest botanical garden. It covers an area of 1.8 hectares with more than 8,000 different plant species. It is one of the botanical gardens in the world that have most diverse yet compact collections of plants.

Other well-known colleges, including St John's College which was founded in 1555 and it is the richest College in the University of Oxford. Its famous graduates include Tony Blair.

Site Visits

London

The Crystal: 'Experience Tomorrow's Cities Today'



The Crystal was opened by Siemens in 2012 as an exhibition centre, and a global hub for debate, on sustainable urban living and development. It sets the benchmark for sustainable building design. It boasts being the world's only building to obtain the highest certification in both the BREEAM and LEED schemes, as well as many other accreditations. As an exhibition centre, it uses different educational and interactive tools to demonstrate how future sustainable and smart cities are designed, major challenges that face cities today: demographic change, urbanisation, climate change, energy and transport and how to balance three pillars of sustainability: environment, economy and quality of life.

A World-leading Architectural and Masterplanning Firm in London



The visit will allow attendees to learn how some of the iconic building and urban development projects in the UK and different parts of the world were designed and built with innovative and sustainable concepts and practice.

London Financial District



According to the ranking based on detailed analyses of 86 major cities in the world by the Z/Yen Group in September 2015, London has already surpassed New York as the most competitive financial centre in the world. Many of the world's largest banks, insurance companies, and investment groups all place their headquarters in the financial districts of London. More than 500 banks have their offices here. London also boasts of the world's largest stock exchange market, occupying 1.85 trillion USD (46.7%) out of the total global trading of 3.98 trillion USD each day.

Cultural Visits in London



The visits include the famous Hyde Park, Buckingham Palace (exterior) and the changing of the guard ceremony, the Big Ben (exterior), Parliament (exterior), and the British Museum. The visit also includes taking a river cruise on River Thames which provides an excellent view of urban development and iconic buildings in London.

State-of-the-art Waste Treatment and Energy Recovery Facilities in Oxfordshire



The visit will allow attendees to learn about the use of state-of-the-art technology and a successful business model to treat waste from an urban area in both an environmentally friendly and economically profitable way.

Colourful Evening Activities



Evening activities are designed to facilitate the interaction between attendees and the University of Oxford students. Activities include learning Scottish dancing, attending a medieval music service at Christ Church, and socialising in a local pub.

College Accommodation at Christ Church, University of Oxford



All attendees will be staying at Christ Church's student accommodation during the programme, which will allow the attendees to experience student life at the most aristocratic college within the University of Oxford.

Meal Arrangements



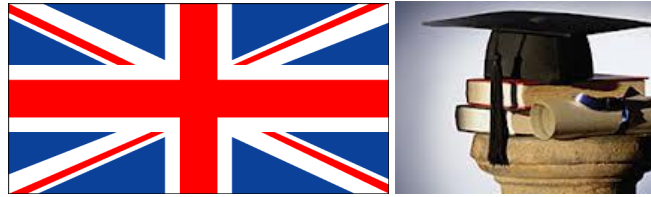
Breakfast is served every morning during the Summer Course at Christ Church. A western-style lunch is served at Christ Church, when teaching takes place except on the days of outing. One of the dinners will be served at the College as well. Other nights the attendees will have dinner at another college or local restaurants.

Certificates



A certificate of completion will be issued by the University of Oxford Programme for the Future of Cities to each student who successfully completes the Summer Course. The certificate ceremony will be conducted in the morning of the last day of the course. The groups whose project presentations are selected as best presentations will also receive award certificates.

Follow-up



For those attendees who actively participate in discussions and interact with the University of Oxford teaching staff and students, and successfully complete the group project during the course, a designated teaching staff from the course could provide recommendation letters and advice for their postgraduate applications, especially for the MSc or DPhil in Sustainable Urban Development or other relevant degree programmes in public administration and policy; business, economics and finance; law; science and technology; social sciences; and humanities subjects at the University of Oxford; Imperial College London; Warwick University; Oxford Brooks University and other universities in the UK or other parts of the world. The Summer Course has also been instrumental in helping its alumni get in some of the leading postgraduate programmes, such as the Masters of Public Policy (MPP) programme at the Blavatnik School of Government, University of Oxford, and the Masters of Public Administration (MPA) programme at the Fels Institute of Government, University of Pennsylvania; as well as gain internship opportunities at leading UK organisations in urban planning and architecture, such as Atkins and Foster + Partners. Please contact Dr Samuel Chen, Manager of the University of Oxford Programme for the Future of Cities Summer Course, for further information.

Application Information

Intended Participants:

Talented and highly motivated university students (normally three-year undergraduate and up, including postgraduate students, but outstanding first and second year undergraduate students may be considered) and professionals from diverse fields (e.g., Science and Technology, Humanities, Social Science)

Total Number of Places Available: 45 (world-wide)

Requirements

1. Strong interest in global leadership, management, policy and sustainable (urban) development
2. preferably intending to pursue postgraduate study in the UK, and having previous or existing work, internship or volunteer experience in areas related to sustainable (urban) development and management
3. Sound academic standing: normally GPA 3.2 (on a 4.0 scale) or 80 (on a 100 scale) at the minimum.

Please submit your academic records and transcripts for assessment by the selection panel of the Oxford Programme for the Future of Cities Summer Course.

4. English proficiency

Please submit any of the following evidence for assessment by the selection panel of the Oxford programme for the Future of Cities Summer Course:

- (1) IELTS: minimum 6.0 for overall average and each area
- (2) TOEFL: minimum 85 for the overall score (listening section: minimum 20)
- (3) College English Test (CET)-4: minimum 525 (applicable to Chinese university applicants only)
- (4) College English Test (CET)-6: minimum 480 (applicable to Chinese university applicants only)

* For those applicants who have not taken the above tests by the time of application, their English proficiency needs to be assessed by their home institutions and the designated personnel of the Summer Course.

5. Initiative to interact with teachers and students from Oxford and other UK universities and professionals coming to teaching during the Summer Course
 6. Having teamwork experience and the ability to work on a group project
- * The selection panel of the Summer Course will consider the overall qualifications of each applicant.

Scholarships

A limited level of scholarships is available on a first-come-first serve basis for those applicants who have highly competitive application packages and interview performance. Scholarships are normally granted by deducting an equal amount from the course fee.

How to Apply

Please submit the following by **15 May 2018**:

1. Applicant Form
Please fill out the Application Form (see attachment), then email it in Word format to the Manager of the Summer Course Dr Samuel Chen or the designated branch of your university or institution.
2. CV and a digital passport-size photo of the applicant
3. Two recommendation letters (these can be waived for experienced professionals who demonstrate their qualifications and work experience through their CVs)
 - (1) One letter covering your academic work

- (2) One letter covering your work/internship/volunteer experience
4. Copies of academic records and IELTS, TOEFL, CET-4 or CET-6 scores (CET-4 or CET-6 scores are only applicable to Chinese university applicants)
- * For those applicants who have not taken the above tests by the time of application, their English proficiency needs to be assessed by their home institutions and the designated personnel of the Summer Course at Oxford.

Rest of the Application Procedures:

1. The Organisers will normally notify the applicant of the result of his or her application within five working days upon receipt of his or her application package. The applicant will also be notified if interview is necessary before the Selection Panel makes the final decision.
2. Those who have been accepted will need to do the following within three working days after having been admitted into the Summer Course:
 - (1) Sign the Course Agreement form sent by the Organisers and email the scanned agreement to the Organisers.
 - (2) Pay the entire course fee (please view the next page) through international bank transfer. This includes the non-refundable application fee **£680** and the rest of the course fee **£2900 for a student, and £3300 for a professional**. Information about payment methods will be provided with the Official Letter of Acceptance.

Cancellation policy: Participants may cancel their enrolment by giving notice in writing by **1 July 2018**. Any fees paid, with the exception of the non-refundable application fee **£680**, will be returned to the participant. Participants who cancel their participation of the course after **1 July 2018** are liable for the following fees:

- Between **2 July 2018** and **14 July 2018**: 50% of the course fee
- After **15 July 2018**: 100% of the course fee

Note: The above dates are all inclusive.

3. Attendees who need visas to enter the UK are responsible for obtaining their UK visas in time for their participation of the course. Normally they need to complete the visa application procedure by **30 May 2018**.
4. Attendees coming from overseas should have completed the following by **1 July 2018**:
 - (1) Obtain UK visas (for those who need visas to enter the UK);
 - (2) Purchase international airplane tickets;
 - (3) Purchase international travel insurance; and
 - (4) Email a scanned copy of your passport and visa, as well as your flight information and insurance policy to Dr Samuel Chen, Manager of the Summer Course.
8. The organising personnel of the Summer Course, upon receiving the payment of all costs and related information via email, will issue a confirmation email together with instructions on how to prepare for the trip and the Summer Course prior to attendees' arrival.

Application Closing Date: 15 May 2018

Course Cost

Each Student: £3,580

Each Professional: £3,980

The above fee includes:

1. Airport transfer fees in the UK (Airport transfer services are available only at London's Heathrow International Airport and at specific times)
2. Meals, accommodations, transportation, and expenses involved in the arranged visits during the Summer Course (from the afternoon of Monday **14 August 2018** to the afternoon of Sunday **27 August 2018**)
3. Tuition and course materials
4. Expenses for all the activities specified in the Summer Course
5. Admission fees for all the site visits as specified in the Summer Course
6. A selection of digital photos taken by the organising personnel during the Summer Course

Above fee does not include:

1. Round-trip airplane ticket from the attendee's home country to the UK
2. Application fee for the attendee's passport
3. Application fee for visa
4. Comprehensive international travel insurance (including accident and medical coverage)
5. Luggage fee (if overweight), communication cost (e.g., phone or calling cards), and personal spending (including drinks at pubs)

Contact Information

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