

**University of Oxford**

**Future of Cities: Best Sustainable Practice  
Summer Course**

14–27 August 2016

Christ Church College  
University of Oxford



**FLEXIBLE CITY**  
OXFORD FUTURE OF CITIES

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

## **Future of Cities: Best Sustainable Practice 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 21<sup>st</sup> James Martin School of the University of Oxford aims towards rethinking the city as a flexible and dynamic space that better responds to evolving circumstances.

The Future of Cities: Best Sustainable Practice Summer Course is designed to provide a selected group of talented and advanced undergraduate and postgraduate students from leading Chinese universities who aspire to pursue high-level research or management careers with the exposure to some of the key areas involved in making urban development sustainable, flexible, dynamic, and resilient in response to evolving challenges and circumstances. These areas include governance and policy; design and planning; technology and innovation; economics, finance and commerce; and socio-legal and cultural development.

The course engages participants in interactive and participatory lectures and seminars taught by leading experts at the University of Oxford, Imperial College, Warwick University Business School, and management personnel and practitioners in the UK government, business and industrial sectors. It is designed to provide a global and comparative perspective on major aspects of contemporary and near future urban development, such as smart city design, green energy, infrastructure, low carbon economy, green financing, migration and urban citizenship, and taxation, with case studies on mega cities around the world, in order to explore best sustainable practices for balancing economic, environmental and social developments.

Apart from the formal learning experience, the course also organises two visits to London as a mega city through which participants will gain first-hand experience of London's political, financial, business, and cultural districts and visit the world's largest exhibition of low carbon design of our urban future. Participants will also visit the Mini Cooper Plant and Harwell Innovation Centre close to Oxford which have contributed significantly to the making of modern and future urban civilisation.

As an integral part of the course, participants are required to complete a group research project on a chosen topic under the guidance of advanced and outstanding postgraduate students and postdoctoral researchers at the University of Oxford. To complete this project, participants not only need to do pre-course reading assignments, but also need to apply and integrate what they have learned each day from the lectures, seminars, project workshops, and site visits during the course. Toward the end of the course, each group of participants will develop and deliver a power-point presentation, which will be evaluated by course supervisors and mentors in comparison with presentations given by other groups. Top-ranking presentations will be publicised on the official website of the Oxford Programme for the Future of Cities ([www.futureofcities.ox.ac.uk](http://www.futureofcities.ox.ac.uk)).

On the final day, all the participants who successfully complete the course will receive a Course Attendance Certificate from the Oxford Programme for the Future of Cities. As a follow-up step, participants 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 and other UK leading universities.


### Week One: 14–20 August 2016






	Sun 14 Aug Arrival	Mon 15 Aug Oxford Tour	Tues 16 Aug Oxford	Wed 17 Aug Oxford	Thur 18 Aug London	Fri 19 Aug Oxford	Sat 20 Aug Oxford	
7:00–8:00	Airport Pick-up	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	
9:00–9:50		Tour of Oxford	Lecture: Future of Cities Overview (I) Prof Steve Rayner	Lecture: 'EU Energy Policy Framework: Low Carbon Policy Perspective (I)' Prof Nick Eyre (TBC)	Trip to London  Visit the Crystal	Lecture: 'Urban Transport' Prof David Banister	Lecture: 'Public-Private Partnership in Sustainable Urban Development' Dr Nicola Headlam	
10:00–10:30			Q&A Discussion	Q&A Discussion		Q&A Discussion	Q&A Discussion	
10:40–11:30			Lecture: 'Future of Cities Overview (II)' Prof Steve Rayner	Lecture: 'EU Energy Policy Framework: Low Carbon Policy Perspective (II)' Prof Nick Eyre (TBC)		Lecture: 'Urban Infrastructure' Prof David Banister	Lecture: 'Urban Political Economy, Governance and Policy in Asian Mega Cities' Dr Shahana Chattaraj	
11:40–12:10			Q&A Discussion	Q&A Discussion		Q&A Discussion	Q&A Discussion	
12:30–13:30		Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	
14:00–14:50		Arrival and registration at Christ Church College	Tour of Oxford	Lecture: 'Smart City: Definition and Case Studies' Dr Igor Calzada	Seminar: 'Green Urban Architectural Design' Mr Roman Halat (TBC)	Millennium Dome & O2 Stadium   London Financial District	Seminar: 'Transport in London' Ms Lucinda Turner	Seminar: 'Sustainable Urban Land Economy' Mr Matthew Richardson
15:00–15:30				Q&A Discussion	Q&A Discussion		Q&A Discussion	Q&A Discussion
15:30				Project Workshop: 'Introduction' Dr Y Ma	Project Workshop: 'Governance & Policy: Top-down or Bottom-up Approach' Dr Y Ma		Project Workshop: 'Infrastructure & Resources: Emission Reduction' Dr Y Ma & Miss X Hu	Project Workshop: 'Green Finance: Public-Private Partnership' Mr M Schild & Ms A Warriner (TBC)
16:00–16:50			Programme Orientation					
17:00–17:30	Welcome Dinner:			Dinner	Dinner		Dinner	Dinner
18:00		Group activities with Oxford University Students	Group Study Time			Shakespeare's Play		
19:30	Trip back to Oxford			Rest	Rest		Rest	Rest
20:30		Rest	Rest			Rest		
21:30	Rest			Rest	Rest		Rest	Rest

### Week Two: 21–27 August 2016

	Sun 21 Aug Oxford	Mon 22 Aug Oxford	Tues 23 Aug London	Wed 24 Aug Oxford	Thurs 25 Aug Oxford	Fri 26 Aug Oxford	Sat 27 Aug Oxford / Departure
7:00–8:00	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
9:00–9:50	Lecture: 'Urban Water Policy and Management' Dr Christina Cook	Lecture: 'Scientific and Technological Innovation for Sustainable Urban Development' Prof Richard Templer	Trip to London  Visit the Trafalgar Square	Lecture: 'Behaviour Change for Sustainable Urban Development: Individual and Business Perspective' Prof Ivo Vlaev	Mini Cooper Factory	Project Report Session	Programme Slide Show  Concluding Remarks  Certificate & Project Competition Award Ceremony  Group Photos  Feedback Form Submission
10:00–10:30	Q&A Discussion	Q&A Discussion	Visit Trafalgar Square	Q&A Discussion			
10:40–11:30	Seminar: 'Circular Economy & Resource Efficiency' Ms Linda Crichton (TBC)	Lecture: 'Technology Transfer for Sustainable Urban Development' Prof Richard Templer	Watch the Charging of Guards at Buckingham Palace	Lecture: 'Behaviour Change for Sustainable Urban Development: Policy Perspective' Prof Ivo Vlaev			
11:40–12:10	Q&A Discussion	Q&A Discussion	Visit Parliament and the Big Ben (exterior)	Q&A Discussion			
12:30–13:30	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Airport Drop-off
14:00–14:50	Seminar: 'EC Urban Water Project' Mr Darren Oliveiro-Priestnall	Seminar: 'UK Government Initiatives to Bridge Innovation and Business' Professor Carolyn Roberts (TBC)	London Eye  River Cruise	Seminar: 'Art & Culture in Urban Living Dr Susan Parker' (TBC)	Harwell Science and Innovation Park	Project Report Session	
15:00–15:50	Q&A Discussion	Q&A Discussion	Visit the British Museum	Q&A Discussion			
16:00–16:50	Project Workshop: 'Water and Waste Management in a Digital Age' Miss X Hu & Mr R Penman	Project Workshop: 'Technology Transfer' Mr N Dhir and Mr J Khan (TBC)		Project Workshop: 'Sustainable and Vibrant Urban Society and Culture' Miss H Taylor			
	Free Time	Free Time		Free Time			
18:00	College Evensong Service	Dinner	Dinner	Dinner	Dinner	Dinner	
19:30	Dinner	Scottish Dancing	Trip back to Oxford	Group Study Time	Group Study Time	Farewell Party	
20:00							Group Study Time
21:30	Rest	Rest	Rest	Rest	Rest	Rest	

## Lectures




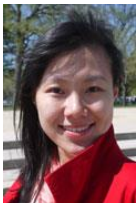


Lecturer	Profile	Lecture
 <p>Professor David Banister</p>	<p>Professor Banister was Director of the Transport Studies Unit and also Acting Director of the Environmental Change Institute in the School of Geography and the Environment, University of Oxford. Prior to that, he was Professor of Transport Planning at UCL.</p>	<p>Urban Transport and Infrastructure</p>
 <p>Dr Igor Calzada</p>	<p>Dr Calzada is a Research Associate at the Oxford Programme for the Future of Cities and a Lecturer in Global Cities and Public Policies on the MSc in Global Sustainable Cities, University of Strathclyde in Glasgow. In his research he investigates European City-Region and Smart City Benchmarking case studies through the application of qualitative and action research methods. At the EU level, he conducts research on comparative smart city case studies. In the public sector, he has held the position of Director of Research for the Basque Regional Government and Scientific Director of the City-Region Congress. In the private sector, he has worked at the Mondragon Co-operative Corporation Group and as a Deputy Manager of SMEs. He holds a PhD and a MBA from the US.</p>	<p>Smart City: Definition and Case Studies</p>
 <p>Dr Christina Cook</p>	<p>Dr Cook is Research Officer in the Legal Regulation of Water Resources at the Faculty of Law, University of Oxford. She conducts research on regulatory government arrangement (law, policy, and practices) for water scarcity. Her work is part of the multidisciplinary MaRIUS project that engages legal scholars, economists, human geographers, hydrologists and climate scientists in the development of a more risk-based approach to governance of drought. She also teaches on water resources management and its frameworks and the politics of scale and water governance. Prior to coming to Oxford, she conducted research at the Hebrew University of Jerusalem. She received her PhD in Resource Management and Environmental Studies from the University of British Columbia and her law degree (LL.B.) from the University of Victoria, Canada. She also practiced corporate law at a full service western Canadian law firm and project finance in the resources sector in Doha, Qatar.</p>	<p>Urban Water Policy and Management</p>
 <p>Professor Nick Eyre</p>	<p>Professor Eyre is Jackson Senior Research Fellow and Associate Professor in Energy at the University of Oxford. He leads the University's Environmental Change Institute programme on Lower Carbon Futures. He is a Co-Director of the multi-university collaboration, the UK Energy Research Centre, leading its research work on energy demand. He teaches energy policy in the Environmental Change and Management MSc course. He has published extensively on energy, climate, environment and transport issues. Prior to coming to Oxford, he worked at the Energy Saving Trust, initially as Head of Policy and then as Director of Strategy, and as UK Cabinet Officer, Performance and Innovation Unit, where he was a co-author of the Government's Review of Energy Policy. He was one of the UK's first researchers on mitigation of carbon emissions, and was co-author of a presentation to the Cabinet on the issue in 1989. In 1997, he wrote the first published study on how the Government's 20% carbon emission reduction target might be delivered. He has advised successive Government ministers and a wide range of Parliamentary inquiries. He managed a large European Commission programme on the external costs of energy and was lead author of the report used as the basis for the UK Government's first estimate of the social cost of carbon. He holds an MA in Physics and DPhil in Nuclear Physics from the University of Oxford. He is a Fellow of the Energy Institute and an Honorary Fellow of the Society for the Environment.</p>	<p>EU Energy Policy Framework: Low Carbon Energy Policy Perspective</p>

 <p>Dr Shahana Chattaraj</p>	<p>Dr Chattaraj is a Research Fellow at Oxford’s Blavatnik School of Government. She focuses on urban political economy, governance, and policy in Asian megacities, the informal economy and emerging patterns of socio-spatial inequality within cities. She is currently working on a project related to urban restructuring in Mumbai and Shanghai. She holds a PhD in public affairs from Princeton, a Master’s degree in city planning from MIT and a Bachelor’s degree in architecture from the School of Planning and Architecture in New Delhi. Prior to coming to Oxford, she taught at the University of Pennsylvania and conducted research at the U Penn’s Lauder Institute. She has also worked for several years with the United Nations Population Fund, consulted with the World Bank and worked in a community development organisation in Delhi.</p>	<p>Urban Political Economy, Governance and Policy in Asian Mega Cities</p>
 <p>Dr Nicola Headlam</p>	<p>Dr Headlam is the new Urban Transformations &amp; Foresight Future of Cities Knowledge Exchange Research Fellow at the University of Oxford. She is an adaptable urbanist with expertise in city governance, economic development and urban policy. Her core research interests include: the role of public agencies in place, and the role of leadership and partnerships. She is a founding member of the Urbanista UK network for women involved in positive urban change.</p>	<p>Public-Private Partnership in Sustainable Urban Development</p>
 <p>Professor Steve Rayner</p>	<p>Professor Rayner is James Martin Professor of Science and Civilization; Co-Director of Oxford Programme for the Future of Cities; Co-Director of the Oxford Martin Programme on Resource Stewardship and the Oxford Geoengineering Programme; Director of the Institute for Science, Innovation and Society. In 2008, he was listed by <i>Wired</i> Magazine as one of the 15 people the next President should listen to and was recognized for his contribution to the joint award of the 2007 Nobel Peace Prize to the Intergovernmental Panel to Climate Change.</p>	<p>Future of Cities: An Overview</p>
 <p>Professor Richard Templer</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>Scientific and Technological Innovation &amp; Technology Transfer for Sustainable Urban Development</p>
 <p>Professor Ivo Vlaev</p>	<p>Professor Vlaev is Professor in Cognitive Science and Behavioural Economics at Warwick University’s Business School. Previously he was Senior Lecturer in Behavioural Sciences at the Faculty of Medicine, Imperial College, London. His research focuses on human decision making in various important domains, e.g., social, financial, and medical. Specific research topics are risks attitudes, behaviour change, consumer psychology, behavioural finance, cooperation, and well-being. It is a 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, which provides a framework for designing effective policies and is used widely across both local and central government and in the commercial sector. He received his DPhil in Experimental Psychology from the University of Oxford (St John’s College).</p>	<p>Behaviour Change for Sustainable Urban Development: Individual, Business and Policy Perspectives</p>



## Seminars

Name	Background	Seminars
 Ms Linda Crichton	<p>Ms Crichton is Head of Resource Management, WRAP (the World's leading organisation in circular economy, particular with regard to food waste reduction, sustainable electricals, sustainable textile, and waste as a resource). The resource management programme at WRAP covers its work on re-use, recycling as well as the consumer behaviour change campaign Recycle Now.</p>	Circular Economy & Resource Efficiency Management
 Mr Roman Halat	<p>Mr Halat is Principal of the London branch of Kaziali, a leading global green architectural design firm. With 10 years of professional experience in Poland, USA, and UK, he brings his extensive knowledge of architecture, planning, interior design, and sustainable development. His experience varied from large mixed-use developments in United Arab Emirates, through office buildings, and high-end private residential projects in London. He believes sustainable design can improve our environment, lower energy use, bills, and provide a healthier living, working and leisure atmosphere. Wherever practical, he tries to implement renewable or low energy technologies into buildings.</p>	Green Architectural Design
 Ms Lucinda Turner	<p>Ms Turner is Head of Policy and Strategy, Transport for London (TfL). She leads TfL's work on strategic spatial planning including input to the London Plan. More recently she was Secretariat to the Mayor's Road Task Force. She has Masters degrees in Spatial Planning from University College London and Public Policy from LSE and a BA (Hons) from Cambridge.</p>	Transport in London
 Mr Darren Oliveiro-Priestnall	<p>Mr Oliveiro-Priestnall is CEO of Red Skies Ltd., a leading big data and software company in the UK/Europe, which has served in a wide range of companies from banking, stock market trading platforms, healthcare, energy and water utilities, schools, aerospace, and entertainment industry. He and his team are now responsible for developing a European Commission-funded smart urban water management system called 'Urban Water' which is now running in a number of European countries including Spain, Portugal and Czech Republic.</p>	EC Urban Water Project
 Mr Matthew Richardson	<p>Mr Richardson is Director of European Real Estate, Fidelity International (a multinational financial services corporation which manages over 3 trillion US dollars of assets globally), has more than 25 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 Director of Asia Operations at Dow Jones Teleres. He has lectured at the LSE, UCL and Cambridge and is a regular speaker and panellist at industrial events.</p>	Urban Land Economy
 Professor Carolyn Roberts	<p>Professor Roberts is a Senior Scientist at the UK Knowledge Transfer Network, a UK government branch that promotes interaction between research institutions and business, which was based at the University of Oxford. She is also Frank Jackson Professor of the Environment at Gresham College.</p>	UK Government Initiatives to Bridge Innovation and Business
 Dr Susan Walker	<p>Dr Walker is Former Keeper of Antiquities at the Ashmolean Museum of the University of Oxford (which is the oldest university museum in the world). She was instrumental in the redevelopment of the museum, and has lectured extensively on this process at the universities of Cambridge, London and Köln since 2009.</p>	Art & Culture in Urban Living


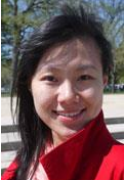


## Project Workshops

Supervisors	Profile	Workshop
 Mr N Dhir	<p>Mr Dhir is currently a doctoral student at the Department of Engineering Science, University of Oxford, and a member of the University's Machinist Learning Research Group. His research focuses particularly on machine learning in the cross-section between biomedical engineering and medicine. He received his BSc in Aeronautics from Imperial College, London.</p>	Technology Transfer
 Miss X Hu	<p>Miss Hu is a doctoral student at the Environmental Change Institute (ECI) and the Senior Wai Seng Scholar at the Asian Studies Centre, University of Oxford. She focuses on understanding the infrastructure development process in China, how the Chinese infrastructure system is vulnerable to climate change impacts, e.g., flooding and droughts and what the adaptation implications are for policy makers. During her PhD, she has worked as an energy modeller for the UK Infrastructure Transitions Research Consortium, interned as a climate adaptation researcher with the Chinese National Development and Reform Commission, and facilitated dialogues between Oxford and government agencies such as the Chinese Ministry of Water Resources. Her research has been presented at numerous international conferences including the International Symposium for Next Generation Infrastructure (2014) and the Second International Conference on Vulnerability and Risk Analysis and Management (2014). In 2015, she co-founded an international conference on infrastructure investment in emerging markets that gathered more than 17 world's leading infrastructure experts with 160 attendees. Representatives included the newly established Asian Infrastructure Investment Bank, the World Bank, OECD, the G20 Investment and Infrastructure Working Group, the Turkish Treasury, the Inter-American Development Bank and the Asian Development Bank. Before coming to Oxford, she conducted policy research at the Chinese Ministry of the Environment and Ministry of Land and Resources on both domestic and global levels. She also worked at the International Finance Corporation in Beijing on Sino-African relations, the UK-India Business Council in New Delhi on corporate social responsibility, and as an analyst at Legal &amp; General in London on investing in China. She holds a BSc in Environmental Policy with Economics and an MSc in Environmental Economics and Climate Change from the LSE.</p>	Infrastructure & Resources: Emission Reduction  Water and Waste Management in a Digital Age
 Mr Joshua Kahn	<p>Mr Khan is a doctoral student in Bio-Engineering at the University of Oxford. He was former President of the Student Body, Wolfson College. He has experience working at the Jet Propulsion Laboratory and Sangamo in the US. In addition to his research, he is currently involved in several entrepreneurial projects in science and technology. He received his BSc from UCLA; MSc from Northwestern University.</p>	Technology Transfer
 Dr Yuge Ma	<p>Dr Ma is currently a postdoctoral researcher in the Environmental Change Institute, University of Oxford. Her expertise 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 dissertation investigated China and India's low-carbon technologies and policies through the lens of the energy efficiency industry.</p>	Governance & Policy: Top-down or Bottom-up Approach  Infrastructure & Resources: Emission Reduction
 Mr Richard Penman	<p>Mr Penman is a Masters student in Computer Science at the University of Oxford. He focuses on artificial intelligence in his research. He also manages an IT company he started.</p>	Water and Waste Management in a Digital Age
 Mr M Schild	<p>Mr Schild is currently pursuing his Masters in both finance and law at the Saïd Business School and the Faculty of Law at the University of Oxford. He is a licensed lawyer in Germany and US (New York), and served in the Court and Parliament of Berlin. He graduated from the University of Geneva, the University of Hamburg, and the University of Mosco.</p>	Finance: Public-Private Partnership



 Miss H Taylor	Miss Taylor is a doctoral student at the Faculty of Law, University of Oxford. She interned at the UN Women in New York. She received her Masters in Civil Law at the University of Oxford and is a recipient of Rhodes Scholarship.	Sustainable and Vibrant Urban Society and Culture
 Ms A Warriner	Ms Warriner graduated with a MBA from the Saïd Business School, University of Oxford. She worked at McKinsey as well as a NGO in Johannesburg.	Finance: Public-Private Partnership

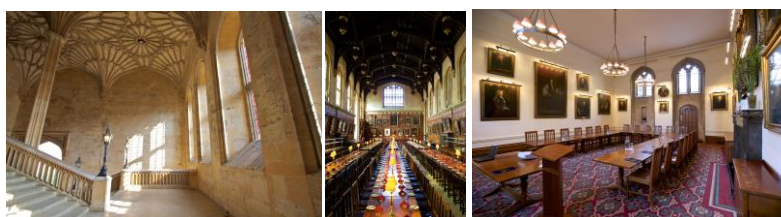
### Course Management Team

Staff	Profile	
 Dr Samuel Chen	Dr Chen is Research Fellow in History of Civilisation at Wolfson College, University of Oxford, and an Associate Member of the Oxford Water Security Network. He is also Manager of the Future of Cities: Best Sustainable Practice Summer Course at the Oxford Programme for the Future of Cities, University of Oxford. He has more than 20 years of international project management experience in China, the UK and US; and has worked as a consultant to education institutions, businesses, industrial sectors and government organisations since 2009, particularly on a number of collaborative sustainability projects between the UK and China. He is also the Founding Director of Oxford Sustainable Enterprise Ltd and Summit Education Enterprise Ltd in the UK. He graduated from Harvard University and Oxford University.	
 Dr Yuge Ma	Dr Ma is currently a postdoctoral researcher in the Environmental Change Institute, University of Oxford. Her expertise 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 dissertation investigated China and India's low-carbon technologies and policies through the lens of the energy efficiency industry.	
 Ms Luna Wang	Ms Wang is currently pursuing a Masters degree in the Humanities at the University of Oxford. She received her BA in Law and Economics from Peking University; MSc in Sociology (focusing on migration between urban and rural areas inside China) from Oxford.	
 Miss Sonia Wong	Miss Wong is currently pursuing a Masters degree in education at the University of Oxford. She has 12 years of experience working in management positions at different high-profile NGOs, such as Clinton Global Initiative, World Vision China, Rockefeller Foundation and Green Foundation in Asia.	

## 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 Oxford University, the Oxford Study Programme is designed to take place at Christ Church College (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 College. Participants will take the College's student accommodation, and have most of their breakfast and lunch, as well as several dinners in the College's magnificent Dining Hall. In addition, the Course will also organise visits to the Evensong Services at Christ Church College so as to be exposed to the cultural heritage handed down from the Middle Ages.

### Tours of Oxford University

In order to give the Chinese attendees a multi-faceted experience of Oxford University, we will arrange for British and American graduate students at Oxford University to give the Chinese 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 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.

#### 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. China’s plan to collaborate closely with the UK to a large extent is also because of London being the global financial centre. 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 Change of Guards ceremony, the Big Ben (exterior), Parliament (exterior), the National Gallery, and the British Museum. The visit also includes taking the London Eye and a river cruise on River Thames.

## Mini Coopers' Manufactory Plant in Oxford



The automobile plant based in Oxford is Mini Coopers' original design and manufacturing place. Within about 100 years after its first establishment, the plant has produced more than 25 million cars. Each day there are several hundred cars being assembled in the plant, according to the specific requirements of customers, and shipped to more than 110 countries around the world. The plant produces two signature models: the new Mini Hatchback issued globally on 18 November 2013 and the 5-door Mini Hatchback whose manufacturing started on 1 July 2014.

## Harwell Science and Innovation Park



Located 3 kilometres outside Oxford, this is one of the UK's main science and innovation parks. There are around 150 R & D institutions with approximately 4,500 scientists based in this park, focusing on aerospace, energy, IT, medical technology and other major areas. It contributes to the UK and the world's development.

## Colourful Evening Activities



Evening activities are designed to facilitate the interaction between attendees and Oxford University students. Activities include learning Scottish dance, watching an English/Shakespeare's play, and socialising in a local pub.

## College Accommodation at Oxford University



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 Course. A western-style lunch is served at Christ Church College, when teaching takes place except on the days of outing. Some of the dinners will be served at the College as well. Other nights the students will have dinner at local restaurants, mostly authentic Chinese restaurants.

## Issuing Certificate



A certificate of completion will be issued by the 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.

## Follow-up Services



For those attendees who actively participate in discussions and interact with Oxford University teaching staff and students, and successfully complete a group project during the course, a designated teaching staff from the course will 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; and other leading UK universities. Please contact Dr Samuel Chen, Manager of the Future of Cities: Best Sustainable Practice Summer Course, for your specific needs.

# Application Information

## Target Participants

1. Outstanding university students (3<sup>rd</sup> year university students and above) and postgraduates from top Chinese universities within the 985 and 211 categories
2. Professionals from related fields in China

**Total Number of Places Available:** 49

## Requirements

1. Strong interest in sustainable urban development,
2. preferably intending to pursue postgraduate study in the UK, and having previous work, internship or volunteer experience in areas related to sustainable (urban) development
3. Sound academic standing: GPA 3.0 minimum or equivalent
4. English proficiency  
Applicants need to meet one of the following standards:
  - (1) IELTS: minimum 6.5 for overall average and each area
  - (2) TOEFL: minimum 90 for the overall score, and minimum 22 for each area
  - (3) College English Test (CET)-4: minimum 600
  - (4) CET-6: minimum 580
  - \* Applicants who have not taken the above tests by the time of application, their English proficiency must be assessed by both their home institutions and the Organising Personnel of the Summer Course at the University of Oxford.
5. Initiative to interact with teachers and students at the University of Oxford
6. Having teamwork experience and the ability to work on a group project
  - \* The Organisers will consider the overall qualifications of each applicant.

## Scholarships

A limited amount of scholarships is available for those applicants who have highly competitive application packages and interview performance. Scholarships will only be issued upon completion of the course.

## How to Apply

Please submit the following by **25 April 2016**:

1. Applicant Form  
Please fill out the Application Form (see attachment), then scan the completed form and email to the Manager of the Summer Course Dr Samuel Chen or the designated branch of your university or institution.
2. CV
3. Statement of Purpose (1 page)
4. Two recommendation letters
  - (1) One letter covering your academic work
  - (2) One letter covering your work/internship/volunteer experience, preferably related to sustainable urban development
5. Copies of academic records and IELTS, TOEFL, CET-4 or CET-6 scores
  - \* For those applicants who have not taken the above tests by the time of application, their English proficiency must be assessed by both their home institutions and the Organising Personnel of the Summer Course at Oxford.
6. Interview

Upon receipt of the registration form, the Organising Personnel of the Summer Course will immediately arrange an oral interview with the applicant via WeChat or Skype.

**Rest of the Application Procedures:**

1. The Organisers will notify the applicant of the result of his or her application within three days after interview. For those whose applications are successful, the Organisers will issue the Official Letter of Acceptance within three days after oral interview.
2. Those who have been accepted will need to do the following within three days after having been admitted to the programme:
  - (1) Fill out the Course Agreement form sent by the Organisers and email the scanned agreement to the Organisers.
  - (2) Pay a non-refundable application fee of 680 GBP (which includes registration fee and housing deposit). Please see the agreement for payment methods.

**Application and agreement forms shall be submitted with the non-refundable application fee paid before the closing date (please see below)**

3. Within one week after the agreement and the application fee are received, a Formal Invitation Letter signed by Dr Samuel Chen, Manager of the Summer Course will be issued to the applicant.
4. Applicants should aim to submit visa applications with supporting documents to the UK Visa Centre soon after receipt of the Form Invitation Letter, **by 14 May 2016**
5. Within three days upon receiving UK visas, attendees should do the following:
  - (1) Pay the remaining costs of £3000 for students, and £3300 for professionals (for payment methods, please see the agreement form)
  - (2) Purchase international airplane tickets
  - (3) Purchase international travel insurance
  - (4) Email the scanned passport, visa, flight information of the return trip 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.

**Application Closing Date: 25 April 2016**

## Course Cost

**Each Student: £3,680**

**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 Sunday 14 August 2016 to the afternoon of Saturday 27 August 2016)
3. Tuition and course materials
4. Expenses for all the activities specified in the Summer Course
5. Entry fees for all the site visits as specified in the Summer Course
6. Digital photos of the Summer Course

**Above fee does not include:**

1. Round-trip airplane ticket from China to the UK (about 9,000 RMB)
2. Application fee for passport (about 200 RMB)
3. Application fee for and visa (about 1,650 RMB which covers both the visa application itself and visa application assistance service)
4. International travel insurance (accident and medical coverage) (about 500–700 RMB)
5. Luggage fee (if overweight), communication cost, and personal spending (including drinks at pubs)

## Contact Information

Dr Samuel Chen, Manager  
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Oxford Programme for the Future of Cities  
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