Dear Students,

We are looking forward to welcoming you to attend Oxford International Study Abroad Programme at St Antony's College in Winter 2020.

You will have the opportunity to attend the inspiring, cutting-edge and disciplinary course provided by the combination of professors, senior researchers and lectures from different department of Oxford University. In your spare time, you could also explore more cultural and art part of Oxford and other parts of UK.

I look forward to your attending to our courses in winter 2020.

Sincerely'

Taha Yasseri

Dr Taha Yasseri
Academic Director
Oxford International Study Abroad Programme
Senior Research Fellow in Computational Social Science
Oxford Internet Institute, University of Oxford

Oxford International Study Abroad Programme

Address: 16-17 Turl Street, Oxford Students Hub, Oxford, OX1 3DH, England, UK
Tel: +44(0)1865 521959
Email:info@oxfordstudyabroad.org.uk
Web: www.oxfordstudyabroad.org.uk

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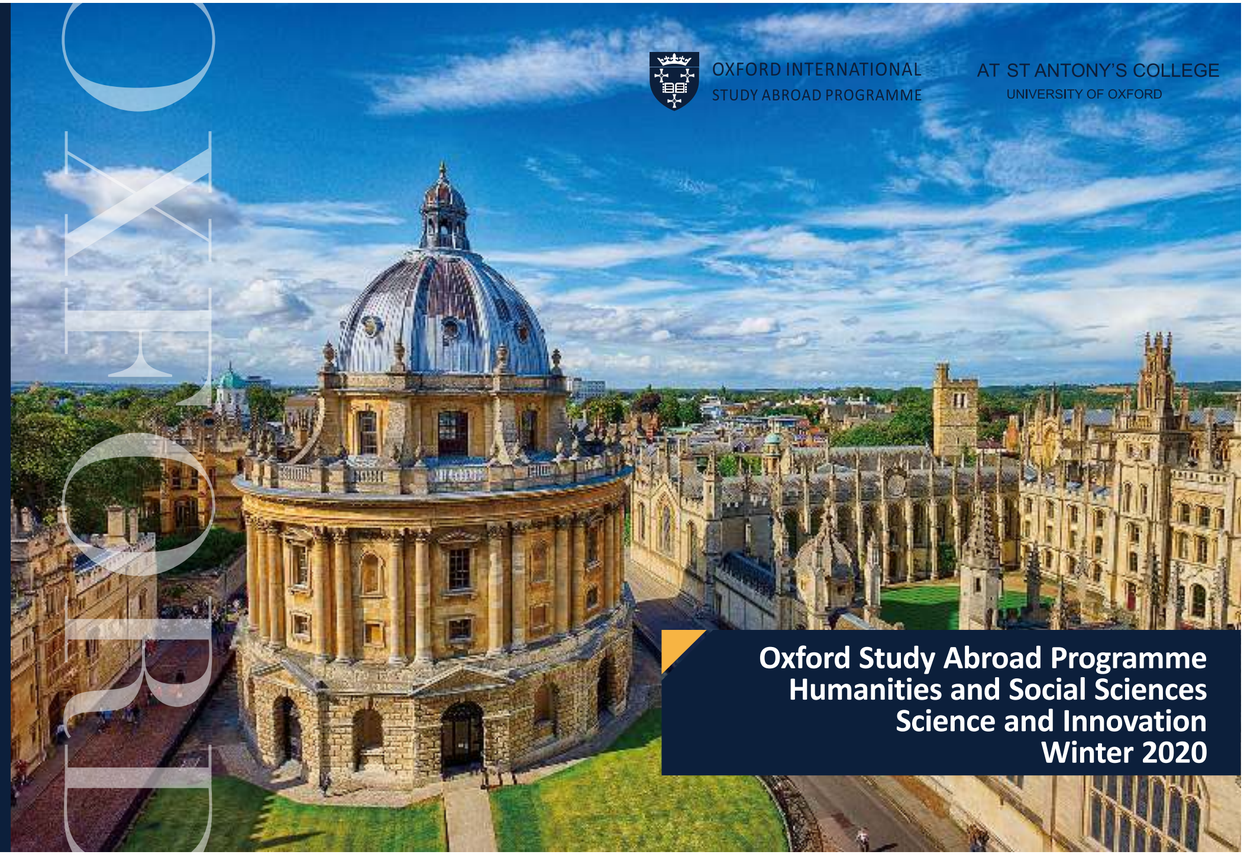

OXFORD INTERNATIONAL
STUDY ABROAD PROGRAMME

AT ST ANTONY'S COLLEGE
UNIVERSITY OF OXFORD

Oxford Study Abroad Programme
Humanities and Social Sciences
Science and Innovation
Winter 2020

01| Oxford International Study Abroad Programme

Oxford International Study Abroad Programmes will held at Oxford all around the year. Two academic programmes—Humanties & Social Sciences Course and Science & Innovation Course are well organized for students from universities all over the world. The programmes allow the students to benefit from knowledge of Oxford University, experience Oxford city and world-famous institutions in UK. Oxford Colleges will supply catering, accommodation and available academic teaching to guarantee the students enjoy a real Oxford College experience. The courses are organized in the forms of lectures, seminars as well as specific subject courses.

Academic programmes are designed to provide talented and advanced university students and professionals aspiring to pursue high-level research or management careers with the exposure to the key areas involved in exploring and discover the new trend of the world. These areas include governance and policy; design and planning; technology and innovation; economics, finance and commerce; and socio and cultural development. Aiming to connect top research and best practice, the courses engage participants in interactive and participatory lectures and seminars taught by leading experts at the University of Oxford as well as business and industrial sectors. It provides a global and comparative perspective on major aspects of contemporary and near future world development with case studies around the world, in order to explore innovative and sustainable practices that balance economic, environmental and social aspects of world development.

The programmes also include visits to UK institutions such as Mini Cooper Plant, Houses of Parliament, BBC, Cadbury World, Denbies Wine Estate and etc., through which participants will gain first-hand experience of UK's political, financial, business, and cultural districts, and interact with experts who have made their eminent achievement in their academic fields. As an integral part of the course, participants are required to complete a relevant group research project under the guidance of outstanding postgraduate students and experienced researchers at Oxford and leading professionals in their interested academic fields. To complete this project, participants 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. Besides, Oxford students will be selected to work as team leaders for the participants each day to give enough advices and guidance.

At the end of the course, each research project group will develop and deliver a power-point presentation, which will be evaluated by Oxford examiners in comparison with presentations given by other groups.

Each applicant will receive official Invitation Letter after they submit their application form from Oxford Colleges, which is used to apply short-term student visa. At the Gala dinner, each of them who attend 80% or above of classes will be issued with an Attendance Certificate with the signature of world-class speakers from different department of Oxford University as well as their final grade.

02| St Antony's College, University of Oxford

St Antony's College is a world-renowned centre for research and teaching, exploring both global and regional issues. The College provides an interdisciplinary environment to study a range of subjects from development to international relations. St Antony's houses seven research centres focused on Africa, Asia, Europe, Japan, Latin America, the Middle East, Russia and Eurasia as well as programmes on North America, Burma, Morocco, Sudan and Taiwan. Across its regional centres and programmes, St Antony's College uses insights and methods from both social sciences and the humanities to deepen our understanding of key parts of the world.

In addition to the activities held at St Antony's, some subject courses will be based at other Oxford University colleges such as St Anne's and St Cross College, University of Oxford, offering our participating students a diverse experience of different Oxford Colleges throughout the programme.

ST ANTONY'S COLLEGE
62 WOODSTOCK ROAD, OXFORD OX2 6JF
Telephone: +44 (0)1865 284718
Email: conference@sant.ox.ac.uk

3rd September 2019

Letter of Welcome

Dear students,

St Antony's College is the most cosmopolitan of the seven graduate colleges of the University of Oxford, specialising in international relations, economics, politics and the history of particular parts of the world.

We are looking forward to welcoming you to attend Oxford International Study Abroad Programme at St Antony's College in Winter 2020.

Wish you a pleasant time in Oxford.

Yours sincerely,

Han Kimmett

Conference & Accommodations Co-ordinator

St Antony's College

St Antony's College is a registered charity [number 1141958]

03 | Accommodation And Facilities

The University of Oxford consists of 38 colleges - a diverse community studying a diverse selection of subjects. Oxford colleges are not only responsible for the teaching of undergraduate and postgraduate students, but also provide dormitory accommodation. Most colleges are located in the city centre, with accommodation usually found on the main campus, or a short walk away, making it easy to travel. Each college has its own living and learning facilities such as a libraries, public computer rooms, classrooms, dining halls, bars, gym and laundry rooms, as well as a Junior common room in which students may relax. Many social activities at Oxford University are conducted on a collegiate basis. The halls of residence not only allow students to make many friends in college, but also help them to understand and integrate into UK life and culture - with roommates from different backgrounds mutually enriching their shared university experience.

• Food

Our students will primarily dine in the college dinning hall. The college will typically offer a buffet service with a wide range of options. The only exception to this is the closing dinner of the programme, where students will enjoy a customised set menu. If students have any special dietary requirements (e.g. vegetarian, gluten-free etc.), they must complete and submit a dietary information form in advance.

• Bedrooms

Our Programme offers the opportunity to stay in one of the colleges comprising the University of Oxford each summer. During your stay, you will experience the authentic day to day life of Oxford students, including breakfast in the college dining halls.

During term time, all accommodation will be arranged in local hotels and local homestay families (limited in number), because the college all accommodation has been occupied by Oxford University students.

04 | Programme Highlights

Academic Course	Cultural Experience	Trips to UK Institutions	Selected Field Trips
◆ Lectures on Interdisciplinary Subjects ◆ Specific Subject Courses ◆ Talks from Local Government officials and entrepreneurs ◆ Sharing Sessions with Oxford University Students	◆ British Afternoon Tea ◆ Punting/Evensong ◆ Gala Dinner ◆ Historical Oxford Pubs	◆ The Houses of Parliament ◆ The British Museum ◆ The BBC ◆ Brightwell Vineyard	◆ Culham Science Park ◆ BMW Mini Plant ◆ Oxford Town Hall ◆ Oxford Local Community Activities

05 | Curriculums

Humanities & Social Sciences Interdisciplinary Course (20 hours)

- Urbanisation and Sustainability
- The Legal System and a Civil Society
- Shakespeare and Human Nature
- The American Dream
- Globalisation and Future Government
- Art Day - Impressionism or Watches: Jewel or Machine?
- Cities, Capitalism and Neo-liberal Regimes
- The Role of the Digital Social Networks

Science and Innovation Interdisciplinary Subjects (20 hours)

- Big Data and Smart Cities
- Artificial Intelligence and Industry 4.0
- The Application of VR and AR Technology
- Cloud Computing and Smart Cities
- Big Data and Social Media
- Innovation and Technology Transfer
- Sustainability and the Impact of Human Beings on the environment
- Global Strategies for Technology-Intensive Businesses in the New Age of De-Globalization

Specific Subjects Courses (20 hours)

1) Culture, Art and Society Course (No Language Requirement)

- Politics and Party Systems
- Public Speaking
- Shakespeare and Human Nature
- Field Study: Local Court/Community Activities(Optional)
- British Education
- British Literature
- Local theatre / Shakespeare plays

2) Internet Analysis and Data Mining

- Introduction to data science and reproducible research
- Usability and data science projects
- Providing data reports and data visualisations to teams and management.
- Learning to effectively collect, analyse, and interpret big data
- Using tools to examine data and derive valuable insights
- Driving decision-making with relevant results and analyses, influencing positive outcomes
- Effectively communicating results to technical and non-technical audiences

3) Business and Management

- Managing Innovative Technology
- Business and Technology Valuation and Marketing
- Strategic management of global businesses
- Leadership of technology-intensive and digital businesses
- Taking Software and Digital Ideas to Market

4) VR and AR Application Workshops

- 3D modelling
- Activity Interface Design
- user experience (UX) design
- storytelling and app deployment
- Organise Demos/Talks/Lab visits

Specific Subjects Courses (20 hours)

5) General Cutting-edge Science and Innovation Course (Including Culham Science Park Visit)

- Robotics
- Artificial Intelligence De-mystified: Opportunities and Value
- Industry Case Studies: retail, oil and gas, autonomous vehicles, affective computing (emotional AI)
- Culham Science Park (The Biggest Fusion Machine in the world)
  Application of Machine Learning
- Design Thinking: A Collection of Methods and Tools for Inventive Problem-solving

Future Cities and Public Policy

6) Sustainable Urban Development with Case Studies

- Sustainable Urban Development: Designing Resilient Cities
- Social Science Research Methods: Strategies and Ethics
- Urban and Regional Economics: Growth Theories, Old and New
- Economic Geography: Trade Specialisation and Multiplier Analysis Tools
- Social Science Research Methods: Design, Data Collection, and Data Analysis

Social Innovation

- Applied & Scientific approach: Digital Social Innovation
- Transitional and Experimental Smart Cities: Urban Living Labs
- Social Capital & Social Entrepreneurship
- (Strategic) Governance and Public Policy

Territorial Prospective & Strategic Planning

- Collective Intelligence
- Local Governance, Citizen Participation & Communitarian Development
- Action Research Methodologies
- Political Innovation: Civic Nationalism, Sovereignty, Stateless Small Nations, Identity, Constitutional Change, Self-government, The Right to Decide, Devolution & Independence.

7) Academic Writing

Academic Listening, Reading and Writing

- choose appropriate research topics for college classes
- write detailed outlines for research paper
- find source material for research papers
- take and organize good notes for research
- use appropriate academic tone and language
- document sources by creating a Works Cited list
- avoid plagiarizing your sources
- Master the basics of sentence structure, formatting, and punctuation
- Understand how to approach various common writing assignments

Academic Speaking and Presentation Skills

- Students take part in: individual/group presentations, seminars, debates, panel and group discussions.
- In this module, students prepare two presentations, including one solo presentation in their area of academic specialization

Compulsory and Public Selective Course

- British Customs & Etiquette (Social and Business)
- Research Proposal Guidance
- Sharing Session 1 - My Experience of Applying Oxford and Other Universities
- Sharing Session 2- How I Conduct Research in Oxford

British Cultural Experience

- British Afternoon Tea
- Historical Oxford Pubs
- Local Concerts
- Shakespeare Plays or Local Theatre

06 | Timetable

• Timetable (1)-Humanities & Social Science Themed Lectures (20 hours)

WEEK ONE	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Morning 9:00-12:30	Arrival	Urbanisation and Sustainability	Art Day - Impressionism	The American Dream	Globalisation and Future Government	Study Visit (1) BMW MINI COOPER PLANT & Brightwell Vineyard	Study Visit (2) The British Museum and Houses of Parliament
Lunch		Lunch	Lunch	Lunch	Lunch		
Afternoon 13:30-15:30pm		Oxford University, Tutorial System and Interdisciplinary	From Smart Cities to Experimental Cities?	The Role of the Digital Social Networks	Oxford City Management by The Lord Mayor's Deputy		
15:30-17:30pm Compulsory and Public Elective Courses		1) British Customs & Etiquette (Social and Business) 2) Development and Innovation in Oxfordshire 2) Sharing Session 1 - My Experience of Applying Oxford and Other Universities 3) Sharing Session 2 - How I Conduct Research in Oxford					
Evening		Suggestion: Even Song	Suggestion: Historical Oxford Pubs (1)	Suggestion: Visit Popular Oxford Colleges (1)	Suggestion: Local Concert		

• Timetable (2)-Science and Innovation Themed Lectures (20 hours)

WEEK ONE	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Morning 9:00-12:30	Arrival	Big Data and Smart Cities	Artificial Intelligence and Industry 4.0	Big Data and Social Media	Cloud Computing and Smart Cities	Study Visits (1) BMW MINI COOPER PLANT & Brightwell Vineyard	Study Visits (2) The British Museum and Houses of Parliament
Lunch		Lunch	Lunch	Lunch	Lunch		
Afternoon 13:30-15:30pm		Innovation and Technology Transfer in Oxford shire	The Application of VR and AR Technology	The Application of VR and AR TechnologyGlobal Strategies for Technology-Intensive Businesses in the New Age of De-Globalisation	Sustainability and The Impact of Human Beings on the Environment		
15:30-17:30pm Compulsory and Public Elective Courses		1) Etiquette and Manners (Social and Business) 2) Oxford University, Tutorial System, and Interdisciplinary 2) Sharing Session 1- My Experience of Applying to Oxford and Other Universities 3) Sharing Session 2- How I Conduct Research in Oxford					
Evening		Suggestion: Even Song	Suggestion: Historical Oxford Pubs (1)	Suggestion: Visit Popular Oxford Colleges (1)	Suggestion: Local Concert		

• Timetable (3)-Specific Subject Courses (20 hours)

WEEK TWO	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14
Specific Subject Courses	Free Day (1)	Free Day (2)	1) Culture, Art and Society 2) Internet Analysis and Data Mining 3) Business and Management 4) VR and AR Application 5) General Cutting-edge Science and Innovation Course (Including Culham Science Park Visit) 6) Future Cities and Public Policies 7) Academic Writing				Departure
15:30-16:30			Two Workshops - Guidance for Final Presentations				
Evening			Suggestion: Oxford Historical Pub Time (2)	Suggestion: Visit Popular Oxford Colleges (2)	Suggestion: Watch a Local Play	Gala Dinner	

Note: the programme schedule may be slightly adjusted due to the local situation in Oxford.

07| Previous Speakers

Professor Stephen Tuck

Professor of Modern History

Director of the Oxford Research Centre in the Humanities (TORCH)

Pembroke College, University of Oxford

His research interests include modern race equality struggles in Britain and America, the relationship between religion and racism, and the writing of national history. He is also

currently director of the Oxford Research Centre in the Humanities (TORCH), and co-lead an interdisciplinary network called "Race and Resistance across borders in the long twentieth century," which is based at TORCH. My main book project is a study of the effect of white supremacy on religious faith.

Professor Thomas Hale

Associate Professor in Public Policy (Global Public Policy), Blavatnik School of Government, University of Oxford

St Antony's College

Dr Thomas Hale's research explores how we can manage transnational problems effectively and fairly. He seeks to explain how political institutions evolve–or not–to face the challenges raised by globalization and interdependence, with a particular emphasis on environmental and economic issues. He holds a PhD in Politics from Princeton University, a masters degree in Global Politics from the London School of Economics, and an AB in public policy from Princeton's Woodrow Wilson School. A US national, Hale has studied and worked in Argentina, China, and Europe. His books include Between Interests and Law: The Politics of Transnational Commercial Disputes (Cambridge 2015), Transnational Climate Change Governance (Cambridge 2014), and Gridlock: Why Global Cooperation Is Failing when We Need It Most (Polity 2013).

Professor David Howard

Associate Professor in Sustainable Urban Development; Fellow of Kellogg College, University of Oxford

David's principal research concentrates on the contemporary societies of the Caribbean and Latin America, with a specific focus on urban geography and social sustainability. His interests lie at the interface between social and urban geography, and postcolonial and development studies. Recent research projects have concentrated on the urban environment, development and social change in the Dominican Republic, Jamaica, and Barbuda. He directs the MSc in Sustainable Urban Development at the Continuing Professional Development Centre, and is a member of the Management Committee of the Latin

Professor Nihan Akyelken

Associate Professor in Sustainable Urban Development

Department for Continuing Education, Oxford University

Nihan joined the University of Oxford as a Research Fellow at the Transport Studies Unit in the School of Geography and the Environment in October 2008. In February 2015, she started working as a Departmental Lecturer on the Sustainable Urban Development programme and in January 2017 was appointed as Associate Professor in Sustainable Urban Development. Previously. She is the winner of the 2015 OECD-ITF Young Researcher of the Year Award and was named as a World Social Science Fellow in Sustainable Urbanisation by the International Social Science Council in 2014.

Professor Niki Trigoni

Professor of Computing Science, University of Oxford

Governing Body Fellow, Kellogg College

Niki Trigoni is a Professor at the Oxford University Department of Computer Science and a fellow of Kellogg College. She obtained her DPhil at the University of Cambridge (2001), became a postdoctoral researcher at Cornell University (2002-2004), and a Lecturer at Birkbeck College (2004-2007). At Oxford, she is currently Director of the EPSRC Centre for Doctoral Training on Autonomous Intelligent Machines and Systems, a program that combines machine learning, robotics, sensor systems and verification/control. She also leads the Cyber Physical Systems Group, which is focusing on intelligent and autonomous sensor systems with applications in positioning, healthcare, environmental monitoring and smart cities. The group's research ranges from novel sensor modalities and low level signal processing to high level inference and learning.

Dr Taha Yasseri

Senior Research Fellow, Internet Institute

Dr. Taha Yasseri has interests in analysis of large-scale transactional data to understand human dynamics, government-society interactions, mass collaboration, information and opinion dynamics.

Taha Yasseri is a Senior Research Fellow in Computational Social Science at the OII, a Turing Fellow at the Alan Turing Institute for Data Science, and a Research Fellow in Humanities and Social Sciences at Wolfson College, University of Oxford.

Professor Nick Hawes

Nick is an Associate Professor in Engineering Science (Robotics) and a Tutorial Fellow in Engineering Science at Pembroke College. He joined the Oxford Robotics Institute in September 2017.

Nick's research interests lie in the application of Artificial Intelligence (AI) techniques to create intelligent, autonomous robots that can work with or for humans. He has worked on long-term autonomy for mobile robots; mixed initiative or shared autonomy between humans and robots; information-processing architectures for intelligent systems; the integration of AI planning techniques into a variety of robot systems; and the use of qualitative semantic and spatial representations to enable robots to reason about the possibilities for action in their worlds.

Professor Vlad Mykhnenko

Associate Professor of Sustainable Urban Development, University of Oxford

Professor Vlad Mykhnenko is Principal Investigator of the project Smart Shrinkage Solutions – Fostering Resilient Cities in Inner Peripheries of Europe (3S RECIPE).

Vlad is Associate Professor of Sustainable Urban Development at the Department of Continuing Education. His work specialises in, among other areas, spatial imbalances in urban economies, territorial growth and post-communist economies.

Professor Andrew Goudie

Emeritus Professor in Geography

Member of the Landscape Dynamics research cluster

Professor Andrew Goudie was Professor of Geography and a Fellow of Hertford College from 1984 to 2003. A distinguished physical geographer, he was awarded the DSc by the University in 2002, a Royal Medal from the Royal Geographical Society in 1991, the Prize of the Royal Belgian Academy for 2002. He was President of the British Institute in Eastern Africa, 2011-2016, and from September 2005-2009 he was President of the International Association of Geomorphologists. He has recently been Director of the China Centre, Oxford (2011-2013), President of the Geographical Association, President of Section E of the British Association, and Chairman of the British Geomorphological Research Group.

Professor David Wallom

Associate Professor & Associate Director – Innovation, Oxford E-Research Center, University of Oxford

Prof David Wallom is Associate Professor and Associate Director – Innovation of the Oxford e-Research Centre, where he leads two seperate research groups Energy and Environmental ICT and Advanced e-infrastructure & Cloud Computing. He has led over 50 research projects in areas such as Cloud utilisation, Smart Energy Grids, Research data management, Green IT, ICT security and institutional repositories. He is a member of the GCHQ recognized Academic Centre of Excellence in Cyber Security and the UK Space Agency Ground segment Advisory Group. He is the academic Board Member of the HEFCE Institute for Environmental Analytics, Chair of the Scientific Advisory Board for the Norweigan Information for Action e-Science Centre and a member of the SAB for the NEGI Tools for Investigating Climate Change at High Northern Latitudes (eSTICC) & Ensemble-based Methods for Environmental Monitoring and Prediction (EmbIA) centres. He is also Co-Editor in Chief of the Elsevier journal SoftwareX .

Dr Jonathan Bright

Senior Research Fellow, Oxford Internet Institute, University of Oxford

Jonathan Bright is a Senior Research Fellow at the Oxford Internet Institute who specialises in computational approaches to the social and political sciences. He has two major research interests: exploring the ways in which new digital technologies are changing political participation; and investigating how new forms of data can enable local and national governments to make better decisions.

Dr. Marc Szepan

Lecturer in International Business

Academic Director, Oxford Diploma in Global Business

Said Business School

University of Oxford

Dr. Marc Szepan is a Lecturer in International Business and currently serves as Academic Director of the Oxford Diploma in Global Business.

Marc's research and teaching focus on strategic management of global businesses, leadership of technology-intensive and digital businesses, the aviation industry, safety management, and business in China.

Dr Igor Calzada

Lecturer, Research Fellow, and Policy Adviser at the Urban Transformations ESRC Programme and Future of Cities Programme, Centre on Migration, Policy and Society (COMPAS)

Dr Calzada is an academic entrepreneur working in the field of innovative economic and geographic processes in cities and regions, with a focus on cases and issues of regional and metropolitan devolution and governance. In particular, he focuses on European City-Region and Smart City benchmarking case studies through the application of qualitative and action research methods.

Dr. Megan Price

Lecturer in Wadham College

Dr. Megan Price is the Doctor of Philosophy, Master of Arts, Master of Studies. Now she is Tutor for Archaeology of Sarah Lawrence Programme in Wadham College

She is responsible for seminars on:

The History of Oxford University

The Ashmolean Museum, Natural History Museum and Pitt Rivers Museum

British History from Ancient Britain to the 21st Century

Field visits to places of historic and archaeological interest.

08| Requirements

Sound academic performance:

70 (on a 100 scale) at the minimum.

* Except Culture, Art and Society course, 1st-year undergraduates are required to be reviewed on the registration materials.
* 1st-year undergraduates from some partner universities do not need to submit academic results.
For more details, please ask your home institution.

English proficiency:

(1) IELTS: minimum 5.5 for overall average
(2) TOEFL: minimum 85 for the overall score
(3) College English Test (CET)-4: minimum 425 (applicable to Chinese university applicants only.)
(4) College English Test (CET)-6: minimum 500 (applicable to Chinese university applicants only)

* For those applicants who have not taken the above tests by the time of application, their English proficiency must be assessed through Tele-interview by a programme officer
* This requirement for proof of English proficiency is not required for applicants whose first language is English, those whose first language is not English but have successfully completed a full-time degree-level academic programme at a university where English is the language of instruction, or those who have extensive experience working in a professional English-speaking environment.
* The selection panel of the Course will consider the overall qualifications of each applicant.

Scholarships:

A limited level of scholarships (normally for university students) are available for those applicants who have competitive performance during the programme and in the home institution.

09 | Application

Registration Requirement:
Undergraduate and Postgraduate

Term One 26th January-8th February 2020
Term Two 1st February-14th February 2020

• APPLICATION PROCESS

1. Submit the application form to the International Office;
2. The programme recruitment officer will contact each applicant;
3. Oxford Colleges will send each applicant the Official Invitation Letter;
4. Pay fees and complete the registration;
5. The programme officer will offer visa and flight ticket guidance in preparation for the programmes.

For more information on the programme, please contact the International Office of your home institution, or email to apply@oxfordstudyabroad.org.uk.