OXFORD INTERNATIONAL
STUDY ABROAD PROGRAMME

AT ST ANTONY'S COLLEGE
UNIVERSITY OF OXFORD

Online Summer Courses August 2020
Oxford Study Abroad Programme
Humanities and Social Sciences
Science and Innovation

Oxford International Study Abroad Programme

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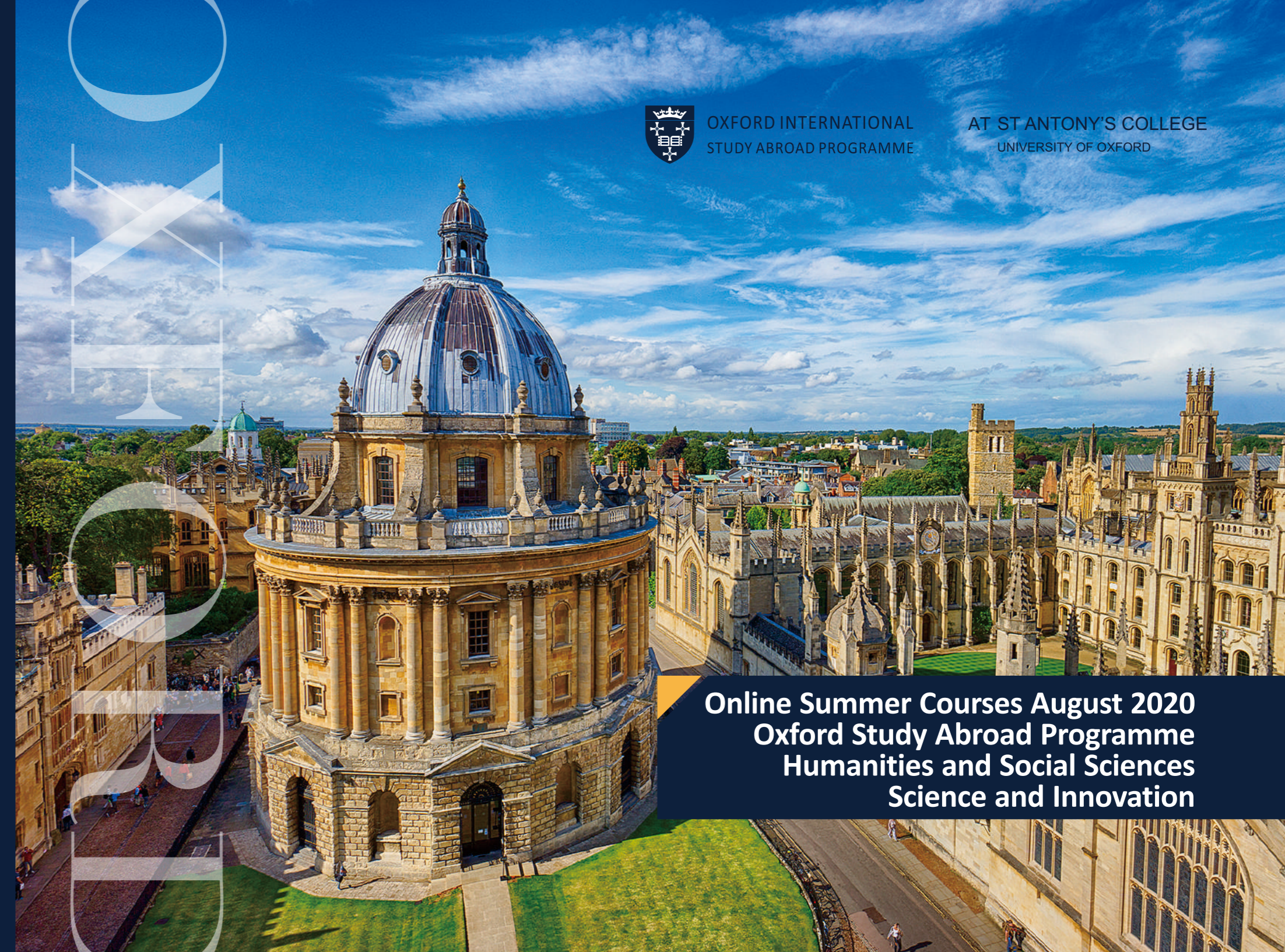
01 | Online Courses Summer 2020

Oxford International Study Abroad Programmes @St Antony's College, University of Oxford

Oxford International Study Abroad Programmes are held at Oxford all around the year. The academic programmes are well organised 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 the UK.

The Online Courses Summer 2020 of Oxford International Study Abroad Programme are the transition in response to COVID-19 outbreak. The goal of these changes is to minimize the need to gather in large groups and spend prolonged time in close proximity with each other in spaces such as classrooms, dining halls, and residential buildings. Our actions are consistent with the recommendations of leading health officials on how to limit the spread of COVID-19 and are also consistent with similar decisions made by a number of our peer institutions.

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.

Online courses are much like classroom courses, except that the delivery of learning materials (lectures, homework, quizzes, readings) and interaction with students and instructors will be through the online system. Students may need to purchase textbooks or access to materials online. Instructors and teaching assistants lead discussions and are available for feedback and questions. For courses that have a final exam, they are taken online through the supervision of the instructors.

A Certificate of Participation and final report with grades of each participant will be awarded to participants who contribute constructively to weekly discussions and exercises/assignments for the duration of the course.

The online courses will enable students to study with the tutors of Oxford University from anywhere in the world. Our 2-week courses take place via our virtual learning environment (VLE). Class sizes are kept small less than 35 to maximise interaction between students and tutors. Students will

- Study with us wherever you are – all you need is a computer with internet access
- Engage in highly interactive live online teaching sessions
- Benefit from peer-to-peer support, engage in stimulating discussion and join a wide community of learners
- Receive personal feedback on your work from an expert tutor
- Gain a Certificate of Participation at the end of your course
- Access class resources after your course finishes

Schedule (this course is completed entirely online):

- Orientation Week: 28-30 July 2020
- Teaching Weeks: 3rd -14th August 2020
- Feedback Week: 17-21 August 2020

Two week of the online courses are roughly equivalent to 40 hours of classroom time. On top of this, participants should expect to spend roughly 5-10 hours on other recommended reading material, although this will vary from person to person.

While they have a specific start and end date and will follow a weekly schedule (for example, week 1 will cover topic A, week 2 will cover topic B), our tutor-led online courses are designed to be flexible and as such would normally not require participants to be online for a specific day of the week or time of the day (although some tutors may try to schedule times where participants can be online together for web seminars, which will be recorded so that those who are unable to be online at certain times are able to access material).

Unless otherwise stated, all course material will be

posted on the Virtual Learning Environment (VLE) so that they can be accessed at any time throughout the duration of the course and interaction with your tutor and fellow participants will take place in a variety of different ways which will allow for both synchronous and asynchronous learning (discussion boards,etc). Oxford students will work in each Virtual classroom as the teaching assistant to offer timely help for teachers and students. Student support begins at the first contact with the prospective student and ends when he or she graduates from the programme. Our recruitment and retention counselors are in regular phone and email contact with individual students to answer questions, provide information, and counsel them on what it takes to be successful as a distance learning student. They orient students to the programme and assist them with administrative details and paperwork.

02 | St Antony's College, University of Oxford

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.

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.

03 | Curriculums

Humanities & Social Sciences Interdisciplinary Course (20 hours)	Science and Innovation Interdisciplinary Subjects (20 hours)
- Shakespeare and Human Nature - The American Dream - Globalisation and Future Government - Gender, Power and Social Change - Cities, Capitalism and Neo-liberal Regimes - The Role of the Digital Social Networks - The Impact of Democratic Electoral Competition on Development - Innovation and Social Care Projects in Oxfordshire	- 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 in Oxford - 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 - Democracy, Party and Election Systems in the UK - Shakespeare and Human Nature - British Education - Shakespeare Plays - Public Speaking and Presentation - Democracy and Welfare System in the UK	**2) General Cutting-edge Science and Innovation Course** - Robotics and the Future of Work - AI — Deep Generative Models and Driverless Cars - The present and future capabilities of Creative Artificial Intelligence - Application of Machine Learning - Design Thinking: A Collection of Methods and Tools for Inventive Problem-solving - Multi-Robot Coordination and Service Robotics
3) 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	**4) Business and Management** - Better Together: Leading Diverse, High-performance Teams (Lego Interactive Team Exercise) - Organisational Culture and Inclusion in the Technology Industry (Uber Case Study) - From 'Start-up' to 'Grown-up': Scaling Organisations Through Design (Google/Alphabet Case Study) - From leadership to Leaderless: Self-organising Through Technology (Zappos Case Study) - Strategic Management of Global Businesses - Managing Global Value Chains for High-Tech Businesses - Managing Innovation in/from Emerging Markets - Managing Global Acquisitions for Emerging Markets Executive

Specific Subjects Courses（20 hours）

5) Future Cities and Public Policy

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

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

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

04| Timetable（40 hours total）

● Humanities & Social Science Themed Lectures (20 hours)

WEEK ONE	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
16:00-19:00	Online Orientation	Cities, Capitalism and Neo-liberal Regimes	The Impact of Democratic Electoral Competition on Development	The American Dream	Globalisation and Future Government	Optional: Research Proposal Guidance	
Break		Break	Break	Break	Break	Break	FREE DAY
20:00-22:00		Innovation and Social Care Projects in Oxfordshire	British Customs & Etiquette (Social and Business)	The Role of the Digital Social Networks	Oxford University, Interdisciplinary and Tutorial System	Optional: How I Conduct Research in Oxford	

● Science and Innovation Themed Lectures (20 hours)

WEEK ONE	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
16:00-19:00	Online Orientation	Big Data and Smart Cities	Artificial Intelligence and Industry 4.0	Big Data and Social Media	Cloud Computing and Smart Cities	Optional: Research Proposal Guidance	
Break		Break	Break	Break	Break	Break	FREE DAY
20:00-22:00		Innovation and Technology Transfer in Oxford shire	The Application of VR and AR Technology	Global Strategies for Technology-Intensive Businesses in the New Age of De-Globalisation	Sustainability and The Impact of Human Beings on the Environment	Optional: How I Conduct Research in Oxford	

● Specific Subject Courses（20 hours）

WEEK TWO	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13
16:00-19:00	FREE DAY		1) Culture, Art and Society 2) General Cutting-edge Science and Innovation Course 3) Internet Analysis and Data Mining 4) Business and Management 5) Future Cities and Public Policies			Optional: My Experience of Applying Oxford and Other Universities
Break						
20:00-22:00						

Note: the programme schedule is subject to the local situation in Oxford.

05| Guest 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. His 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.

Professor David Howard

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

Governing Body Fellow, Kellogg College

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 American Centre.

Professor Niki Trigoni

Professor of Computing Science, University of Oxford

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.

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，University of Oxford

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 Chris Moos

Teaching Fellow, Saïd Business School, University of Oxford

Dr Chris Moos is also a member of the Academy of Management and the European Group for Organizational Studies.Moos' research focuses on institutional complexity, social evaluations, and leadership. In particular, he is interested in how organisations deal with multiple institutional demands, and how they react to being evaluated by stakeholders like ranking agencies.

To investigate those questions, he uses a variety of methods, including inductive coding, regression modelling, and configurational approaches to analyse data sets spanning higher education and other industries. Together with Michael Smets and colleagues, he is currently working to create a better understanding of how leaders deal with complexity, from CEOs of Fortune 500 companies to museum directors.

06 | Guest Speakers

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 Hertford College International Programmes, University of Oxford

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.

Professor Alex Rogers

Professor of Computer Science, University of Oxford

Professor Alex Rogers is currently the Deputy Head (Teaching) of the Department of Computer Science, the Director of the Autonomous Intelligent Machines and Systems Centre for Doctoral Training (AIMS CDT), and a member of the Cyber Physical Systems research group.

His research applies artificial intelligence and machine learning within physical sensor systems to address real-world problems focusing on sustainability. His recent work has addressed future energy systems, such as the smart grid, citizen science platforms, and environmental monitoring, and typically involves the real-world deployment of novel approaches in devices, smartphones or the cloud. His current work addresses smart building energy management and the development of low-cost conservation technology.


Dr Bernie Hogan

Senior Research Fellow at the Oxford Internet Institute, University of Oxford

Bernie Hogan (PhD Toronto, 2009) is a Senior Research Fellow at the OII and Research Associate at the Department of Sociology. With training in sociology and computer science, Hogan focuses on how social networks and social media can be designed to empower people to build stronger relationships and stronger communities.

Hogan has published in a wide variety of venues, from peer-reviewed papers in sociology journals (such as Social Networks, City and Community, Bulletin of Science Technology and Society, and Field Methods), in computer science proceedings (such as CHI, ICWSM, and CSCW) and related disciplines, particularly geography (with papers in Environment and Planning B, the Annals of the Association of American Geographers and Tijdschrift voor Economische en Sociale Geografie) and communication (with papers in New Media & Society, Social Media + Society, International Journal of Communication, and Information, Communication and Society). This is in addition to many chapters in books, grey literature reports and public opinion pieces. He is on the editorial boards of Social Media + Society, Journal of Computer-Mediated Communication and Social Networks.
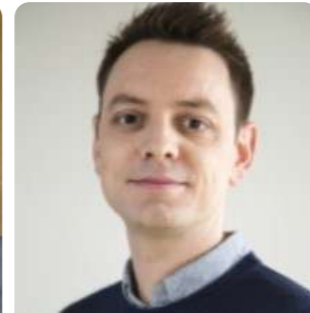

Professor Robin Harding

Associate Professor of Government, University of Oxford

Tutorial Fellow at Lady Margaret Hall

Professor Robin Harding joined Oxford in July 2015 as Associate Professor of Government (Quantitative Methods) and Tutorial Fellow in Politics at Lady Margaret Hall, and is also a member of the Oxford Q-Step Centre. He was previously a Postdoctoral Prize Research Fellow at Nuffield College (2012-13) and an Assistant Professor of Political Science at the University of Rochester (2013-15). He gained his PhD in Political Science from New York University in 2012.

His research is concerned primarily with the political economy of development, with a focus on sub-Saharan Africa. He is particularly interested in the impact of electoral competition on the provision and distribution of public goods and services, such as infrastructure and access to basic education and healthcare. His research has been published in World Politics, the Journal of Politics, the Journal of African Economies, and Economics and Philosophy.
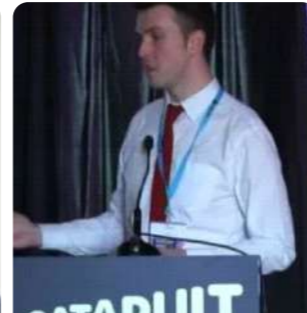
Mr Llewelyn Morgan

Head of Innovation, Service Manager Infrastructure, Innovation & Development, Oxfordshire County Council

Llewelyn leads a service area within Oxfordshire County Council that encompasses transport, planning policy and strategy and early stage scheme development. Llewelyn has also built an outward focused Research and Innovation team, leading on developing a more innovative mobility strategy, which includes MaaS, Analytics & autonomous vehicles as part of the future solutions, called Oxford Science Transit. The Service also leads on development and support of innovative collaboration projects such as MobOx, Culham City (AV Test Bed), Zipabout MaaS platform and IUK projects such as the One Transport data platform and Catch user focused intelligent mobility platform, 2020 projects on sentiment analysis. These are delivered in partnership with Oxfords and other UK/International Universities and private sector partners. Llewelyn leads work on developing collaborative approaches to real world problems; along with City Council colleagues he established the Oxford Smart City group with Oxford Universities, LEP and businesses to establish the vision for the Oxford City Region and develop collaborations, providing the opportunity for innovative organisations to meet Oxfordshire's challenges and at the same time develop worldwide market opportunities.

07| Requirements

Sound academic performance:

70 (on a 100 scale) at the minimum

Requirement can be different due to different grading systems of different partner universities. For more details, please contact your home institutions.
* 1st-year undergraduates from some partner universities do not need to submit academic results.

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 or have not been in a professional English-speaking environment for years, 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 been involved in 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.
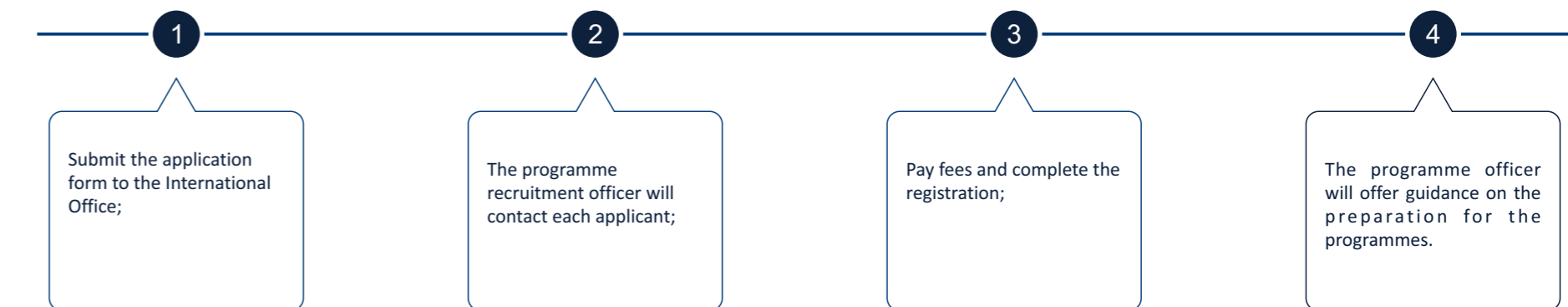
08 | Application

Registration Requirement:
Undergraduate and Postgraduate

● APPLICATION PROCESS

1 Submit the application form to the International Office;

2 The programme recruitment officer will contact each applicant;

3 Pay fees and complete the registration;

4 The programme officer will offer guidance on the 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.