Welcome to the Enterprise and the Environment Summer School

I’m delighted to invite you to the Smith School’s Enterprise and the Environment Summer School in 2018 at the University of Oxford. The programme teaches from our strengths in environmental economics and policy, enterprise management, and financial markets and investment. We will explore critical global environmental challenges in the 21st century through a combination of rigorous science and diverse stakeholder engagement and the value of the environment to enterprise.

The Smith School of Enterprise and the Environment is a leading interdisciplinary academic hub focused upon teaching, research, and engagement with enterprise on climate change and long-term environmental sustainability. We work with social enterprises, corporations, and governments; we seek to encourage innovative solutions to the challenges facing humanity over the coming decades. Our work is complemented by close ties with the physical and social sciences, and especially the research and teaching of our parent department, the School of Geography and the Environment.

We are very excited to once again host this engaging Summer School and look forward to meeting you in Oxford in summer 2018.

Professor Gordon Clark
Director of the Smith School of Enterprise and the Environment

Key Information

- **Dates:** 1 – 13 July 2018
- **Accommodation:** Jesus College
- **Teaching Venue:** Oxford University Centre for the Environment
- **Contact:** summerschool@smithschool.ox.ac.uk
- **Early Bird Price:** £2750 (for payments made prior to 31st May 2018)
- **Full Price:** £3000 (for payments made after 31st May 2018)
- **Website:** www.smithschool.ox.ac.uk/courses/summer-school/
A Summer School Designed, Delivered and Managed within Oxford University

During the Summer School you will explore research from Oxford on some of the most pressing questions for humanity, such as:

- How does climate change affect economic stability?
- How do financial markets drive long-term environmental decision-making?
- Is the 1.5 degree threshold of the Paris climate change agreement possible?
- How can we safeguard clean water for everyone?
- What is the future of energy markets?
- What can corporations do to protect biodiversity?

If you are interested in hearing the latest world-class thinking on these questions and in searching for answers, the Summer School is right for you.

The format of the programme will also include:

- Learning through a range of styles including ‘talk and chalk’, lectures, case studies, interactive activities, field trips, online simulations and small group sessions.
- Direct engagement with practitioners and industry professionals in the finance and corporate sectors in discussing environmental challenges from their perspective, reviewing case studies, and discussing gaps and opportunities for future work.

Oxford is no. 1 in the world for research quality

Most recent UK Research Excellence Framework (2014)

The Summer School will include 50+ teaching hours over 2 weeks

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What Makes us Different to other Summer Schools?

Whilst many other summer schools operate in Oxford and hire University facilities only a small handful of University departments design, teach and manage their own summer programmes. The Enterprise and the Environment Summer School is one of these precious few and is aligned with the Smith School's internal research and taught to the same standards as our year-round commitments at the University of Oxford. In addition, our small group work will enable you to have close contact and engage with our world-leading academics. This is not the case at many other summer schools in the UK but we believe that it is a vitally important part of helping students to understand the topic and engage personally with faculty in the same vein as teaching at Oxford would traditionally allow. Over the two weeks our Summer School will provide over 50 teaching hours.

Who Should Apply?

The Summer School is intended for the following:

- Those already studying related topics at an undergraduate level who would like to supplement their current studies, which may be in fields such as finance, management, economics, geography, politics, or the physical sciences.
- Those who are considering a Masters degree in a field related to the Summer School's content and would like an introduction to key issues.
- Individuals who are undertaking a Masters degree in a similar area and would benefit from broadening their understanding within these subject areas.
- Young professionals and recent graduates who are working in roles at the intersection of the environment and enterprise.

We encourage learning as an opportunity for everyone so even if you don’t fit the criteria above then we strongly recommend that you still get in contact with us so that we can discuss your application.

Last Years Summer School in Numbers

- Students ranked their overall satisfaction on average 4.8 out of 5.0
- Students scored the organisation on average 4.9 out of 5.0
- Students rated the programmes value for money on average 4.8 out of 5.0
- Students from 13 different nationalities
- The average age in the classroom was 22
- The oldest student was 35 and youngest was 19
It was great how so much material from such a variety of disciplines was covered in two weeks at a pace that was accessible and enjoyable.

Previous Students Attended From:

- Berkeley, University of California
- Boston College
- Bridge Rentals
- Carnegie Mellon University
- City University of Hong Kong
- Durham University
- Lancaster University
- London School of Economics
- McGill University
- Monash University
- Nanyang Technological University
- Princeton University
- Trinity College Dublin
- UCLA
- University of Hong Kong
- University of Melbourne
- University of Michigan
- University of New England
- University of New South Wales
- University of Queensland
- University of Stellenbosch
- University of St Andrews
- University of Toronto
- University of Warwick

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The Smith School of Enterprise and the Environment

The Smith School of Enterprise and the Environment (SSEE) was established in 2007 as an independent research centre of the University. In 2013, we joined the School of Geography and the Environment (SoGE), deepening our teaching programmes in collaboration with the broader department and its other research units, the Transport Studies Unit and the Environmental Change Institute.

The School of Geography and the Environment and its research institutes are internationally recognised for their excellence in environmental research and scholarship. The historical origins lie in the former School of Geography, the first geography school to be established in the UK, over 100 years ago by Halford Mackinder. The ethos of SoGE is to promote research that is bold, innovative and challenging while remaining committed to the highest standards of scholarship.

Oxford University

As the oldest university in the English-speaking world, Oxford is a unique and historic institution. There is no clear date of foundation, but teaching existed at Oxford in some form in 1096 and developed rapidly from 1167, when Henry II banned English students from attending the University of Paris.

Geography at Oxford was ranked the best in the world in 2016–2017 for the fourth year running

Times Higher Education World University Rankings 2016–17
Summer School Directors

Professor Cameron Hepburn, Summer School Academic Director
Cameron Hepburn is an expert in environmental, resource and energy economics. He is a Professor of Environmental Economics at the Smith School and at the Institute for New Economic Thinking at the Oxford Martin School, and is also Professorial Research Fellow at the Grantham Research Institute at the London School of Economics and a Fellow at New College, Oxford.

He is involved in policy formation, including as a member of the DECC Secretary of State’s Economics Advisory Group. He has also had an entrepreneurial career, co-founding two successful businesses and investing in several other start-ups.

Cameron graduated with first class honours in law and chemical engineering (with a diploma in French) from the University of Melbourne, and proceeded on a Rhodes Scholarship to complete an M.Phil and D.Phil (Ph.D) in economics from the University of Oxford.

Dr Caitlin McElroy, Summer School Programme Director
Caitlin McElroy is a Departmental Research Lecturer and Director of Executive Education Programmes at the Smith School of Enterprise and the Environment. Her research has revolved around the interactions between the mining industry, environment, and development. She is currently developing a programme: Sharing Resource Prosperity that explores the improved environmental sustainability and development of resource driven economies. Her first degree is from the University of Pennsylvania in History and Environmental Studies (Hons) followed by an MSc in Nature, Society and Environmental Policy (Dist) from the University of Oxford. She holds a DPhil from the University of Oxford in Economic Geography that was funded through a Clarendon Scholarship.

Previous Contributors Included
Professor Gordon Clark  
Dr Ben Caldecott  
Dr Paul Jepson  
Stephanie Mooij  
Leo Johnson  
Dr Michael Viehs  
Dr Dustin Garrick  
Dr John Feddersen  
Professor Bob Hahn

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"This has been an experience I will never forget"
Summer School 2017 student

Oxford is the first UK University to be no. 1 in the world
Times Higher Education World University Rankings 2016-17
## Indicative Timetable: Week 1

The timetable below is to be treated as an example only, and is representative of the 2016 and 2017 iterations of the course.

<table>
<thead>
<tr>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
<th>Day 4</th>
<th>Day 5</th>
<th>Day 6</th>
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</thead>
<tbody>
<tr>
<td>09.30–11.00</td>
<td>Global Threats</td>
<td>Enterprise and the Environment</td>
<td>Biodiversity and Conservation</td>
<td>Environmental Economics</td>
<td>How to Write the Oxford Essay</td>
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<td></td>
<td>Prof. Gordon Clark</td>
<td>Prof. Gordon Clark</td>
<td>Dr Paul Jepson</td>
<td>Prof. Bob Hahn</td>
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<tr>
<td>11.00–11.30</td>
<td>Break</td>
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<td>Break</td>
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<td>Break</td>
</tr>
<tr>
<td>11.30–13.00</td>
<td>The Latest in the Science of Climate Change</td>
<td>Paris and the Economics of Climate Change</td>
<td>Ecosystem Service</td>
<td>Behavioural Economics and Field Experiments</td>
<td>Responsible Investment Academic Activism</td>
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<td></td>
<td>Prof. Myles Allen</td>
<td>Prof. Cameron Hepburn</td>
<td>Dr Alex Teytelboym</td>
<td>Prof. Bob Hahn</td>
<td>Dr Michael Viehs</td>
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<tr>
<td>13.00–14.00</td>
<td>Lunch</td>
<td>Lunch</td>
<td>Packed Lunch</td>
<td>Lunch</td>
<td>Working Lunch</td>
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<tr>
<td>14.00–15.30</td>
<td>Business and Environmental Policy</td>
<td>Stress Nexus Game Part I</td>
<td>Field Trip: Wytham Woods - Mapping the Ecosystem</td>
<td>Introduction to Financial Markets and Long-term Investment Prof. Gordon Clark</td>
<td>Corporate Engagement and Climate Change Dr Michael Viehs</td>
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<td></td>
<td>“Surgery”</td>
<td>Prof. Cameron Hepburn</td>
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<tr>
<td>15.30–16.00</td>
<td>Break</td>
<td>Break</td>
<td>Break</td>
<td>Break</td>
<td>Break</td>
</tr>
<tr>
<td>16.00–17.30</td>
<td>Registration and Welcome</td>
<td>Bodleian Library Tour</td>
<td>Stress Nexus Game Part II</td>
<td>Corporate Environmental Management: Case Study Dr Caitlin McElroy</td>
<td>Punting at Magdalen Bridge</td>
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<tr>
<td>17.30</td>
<td>Free Evening</td>
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<td></td>
<td>Dinner in an Oxford College with a Guest Speaker</td>
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E: summerschool@smithschool.ox.ac.uk
# Indicative Timetable: Week 2

The timetable below is to be treated as an example only, and is representative of the 2016 and 2017 iterations of the course.

<table>
<thead>
<tr>
<th>Day 7</th>
<th>Day 8</th>
<th>Day 9</th>
<th>Day 10</th>
<th>Day 11</th>
<th>Day 12</th>
<th>Day 13</th>
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<tbody>
<tr>
<td>09.30-11.30</td>
<td>Free Day</td>
<td>09.30-11.00</td>
<td>09.30-11.00</td>
<td>09.30-11.00</td>
<td>10.00-12.00</td>
<td>09.30-11.00</td>
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<tr>
<td>Excursion to Blenheim Palace and the Cotswolds</td>
<td></td>
<td>Connecting Environmental Science to Decision Making</td>
<td>Stranded Assets</td>
<td>Biofuel Policy: Silver Buller or Pandaro’s Box?</td>
<td>Assessment: Essay</td>
<td>Where to From Here?</td>
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<td></td>
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<td></td>
<td></td>
<td>Dr Ben Caldecott</td>
<td>Dr James Palmer</td>
<td>Prof. Cameron Hepburn</td>
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<td>11.00-11.30</td>
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<tr>
<td>Economic Approaches to Environmental Approaches</td>
<td>‘Oil Majors War Game’</td>
<td>Changing Energy Markets</td>
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<td>Dr Dustin Garrick</td>
<td>Lucas Kruitwagen</td>
<td>Dr John Feddersen</td>
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<td>Lunch</td>
<td>Working Lunch</td>
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<tr>
<td>Six Avenues to Building a Strong Agenda in Impact Investing</td>
<td>‘Oil Majors War Game’</td>
<td>Finance, Society and Sustainability</td>
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<tr>
<td>Prof. Othmar Lehner</td>
<td>Lucas Kruitwagen</td>
<td>Nick Silver</td>
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<td>15.30-16.00</td>
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<tr>
<td>Interactive Session</td>
<td>ESG Case Study</td>
<td>Study and Review Time</td>
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<tr>
<td>Prof. Othmar Lehner</td>
<td>Stephanie Mooj</td>
<td>Dr Caitlin McElroy</td>
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<td>17.30</td>
<td>17.30</td>
<td>19.00</td>
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<tr>
<td>BBQ at Cherwell Boathouse</td>
<td>Free Evening</td>
<td>Free Evening</td>
<td></td>
<td>Dinner in an Oxford College with a Guest Speaker</td>
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Learning and Experiences Beyond the Classroom

Oxford is a town oozing with history, culture, life and knowledge and is one of the UKs most beautiful cities. We will make sure that you have the chance to live, understand, learn and ultimately also have fun within it. Activities during the Summer School will include punting, meals in historic colleges, a BBQ at the Cherwell Boathouse, as well as a guided tour of the Bodleian Libraries and entrance to the Pitt Rivers Museum. You will experience the city through the lens of an Oxford student with your classmates and develop a global network of peers and connections for the future.

The City of Dreaming Spires

London is just an hour away by train and there are regular transport links to the city from Heathrow, Gatwick and Birmingham airports. The University of Oxford has no central campus; instead, most Colleges and departments are based in or near the centre, and are interspersed with shops, places to eat as well as cafes, pubs, theatres, museums and galleries.

Accommodation

A room will be reserved for all students at Jesus College, which is in the heart of the city centre. All bedrooms will be en-suites. Breakfast will be provided daily in the Dining Hall pictured to the left. The College was founded in 1571 and includes Harold Wilson, former British Prime Minister, as well as T.E Lawrence (Lawrence of Arabia), amongst its alumni. A communal study room and access to the college library will also be provided so that you can use your free time to reflect on the learning and also focus on any other projects which may be ongoing. WiFi is available throughout Jesus College.

Catering

Breakfast will be available daily, and some lunches and dinners will also be provided. We are able to cater for any dietary requirements you may have.

Extra Curricular Activities

We will also provide a weekend excursion to Blenheim Palace as pictured on the right. This is a UNESCO world heritage site right on our door step. Other activities will include field trips to Wytham Woods and the Botanic Gardens.

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E: summerschool@smithschool.ox.ac.uk
Fees

A discounted early bird price of £2750 is available to all students who pay for the Summer School before 31 May 2018. For any payments made after this date the fee will rise to £3000.

In both instances these costs includes all teaching, social activities, accommodation and some meals. The fees do not include the travel to and from Oxford, visas, insurance or any personal expenses incurred.

Eligibility

Applications will be considered for their overall strength and individual merit, however all applicants must meet one of the following English language requirements:

- English speaker;
- Experience of studying in an undergraduate or postgraduate level course in English in the last three years; or
- Achieving a minimum score in recognised English Language tests

Applying

Please complete an online application form at our website www.smithschool.ox.ac.uk/courses/summer-school/.

Applications will be assessed, and places awarded on an ongoing basis. Our courses frequently sell out so we strongly encourage you to apply early.
Designed, delivered and managed within Oxford University

En-suite accommodation at a traditional Oxford College in the heart of the city centre

Teaching from world leading academics working at the forefronts of their fields

A global network of peers at the intersection of enterprise and the environment

Cultural excursions and field trips including Blenheim Palace, walking tours, punting and botanical

Access to an Oxford University library 24/7 and a communal study space just for Summer School students

Discounted admission price until 31 May 2018

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