





The CBL *Summer Institute* at Oriel College Oxford is offered by Oriel College in partnership with WorldStrides | CBL International. We are proud to announce that WorldStrides | CBL International is accredited by the British Accreditation Council.

## Academic Tracks and Courses 专业学术课程：

The academic course offerings are under the following five tracks:

### Law

#### Legal and Socio-legal Theory and Intellectual Property Rights

This course provides an in-depth knowledge of the rule of law and its functions in common law, as well as considers law in a practical manner.

#### EU Corporate Law

This course allows students to understand the influence of the law of European Union on the company law of the member states.

### Economics & Management

#### Entrepreneurship: Evaluation Creation and Funding of New Ventures

This is a growing and ever-changing field and this course will balance insights from famous cases and research into the field with the overall aim to provide a foundational knowledge on the practicalities of entrepreneurship.

#### Economics of Industry: Strategic Choices, Market Concentration, and Competition Policy

The economics of industry relates to the behaviour of firms. This course covers both theory of economics and its applications.

#### The Health of Nations: Current Challenge and Future Possibilities

This course will discuss and analyse the state of health in the world and the challenges of the next 20-50 years, as well as how health financing will need to adapt to the challenges of an aging population.

### Literature & History

#### An Actor's Approach to Shakespeare

This course of lectures introduces students to a range of Shakespeare's plays and poems from actor's and director's point of view of approaching this material in preparation for performance.

#### British History: the Tudor Period

This course is designed for all students interested in history and politics and will be useful for those students who wish to gain an insight into the nature of power, and how power is exercised in the context of modern governments.

### Science & Engineering

#### Microelectronic Circuits and Analogue Devices

This course provides a brief yet comprehensive description of standard electronic devices and circuits.

#### Cryogenic Engineering: Cryocoolers for Space

This course starts by going over the first and second laws of thermodynamics and then explores a number of relevant thermodynamic cycles in detail.

#### Quantum Computing

Quantum groups appear in many areas of mathematics and mathematical physics such as representation theory, non-commutative geometry, knot invariants, conformal field theory and topological quantum field theory.

#### Introduction to Nanomaterial

The course provides essential knowledge on the fundamentals of nanomaterials and their applications in making today's and future devices.

#### Dynamic Behaviour of Materials

This course will introduce students to the effect of rapidly applied loads to different categories of solid materials.

#### Stem Cell Biology: Embryonic and Adult Stem Cells

The course is focused on stem cell biology and in particular on embryonic stem cells, the stem cells that have the potential to create all the cell types of the adult body.

### Philosophy, Politics and Economics (PPE) & International Politics

#### International Governance of the Future

The main purpose of this course is to expose delegates to emerging topics in International Governance, topics that their generation will have to engage with and address effectively.

#### Contemporary PPE – Ethics and Logic

Through a selection of texts and case studies drawn from the history of Western philosophical ethics, this course offers a perspective on how ethical discourse and debate were and remain deeply informed by the language and tools of logic.



## Our Faculty 部分师资:



**Associate Prof. Christopher Bowdler,**  
Oriel College,  
University of Oxford  
(UK)



**Associate Prof. Luca Castagnoli,**  
Oriel College,  
University of Oxford  
(UK)



**Prof. Stefan Enchelmaier,**  
Lincoln College,  
University of Oxford  
(UK)

**Prof. Keith Hawkins,**  
Oriel College,  
University of Oxford  
(UK)

**Dr Simone Falco,**  
Oriel College,  
University of Oxford  
(UK)



**Dr Jose Silva,**  
MRC Cambridge  
Stem Cell Institute,  
University of  
Cambridge (UK)

## Evening Talk Topics 跨学科专题讲座(部分):

- Developments in Climate Change Negotiations: Can We Effectively Address Climate Change?
  - Artificial Intelligence: History, Myths and Reality
  - Who Guards the Guards? The English Theatre and its Critics
  - The Future of Entrepreneurship
  - Winston Churchill: Greatest Briton?
  - Covid-19 and the Crisis of International Governance
  - Human-Robot Relationships: The Future of Romantic Love?
  - Rowing in Oxford
- And many more...

## Cultural Activity 牛津校园文化(部分):

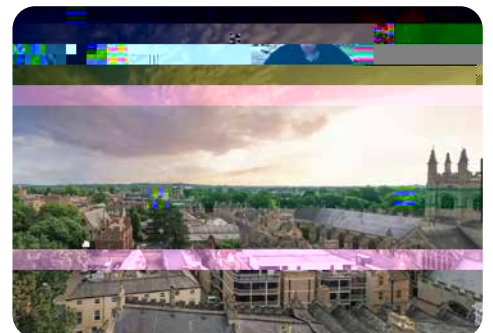
- Academic Gowns
  - Punting
  - Croquet
  - Ashmolean Museum
  - Bodleian Library
  - Fine Dining at Oriel College
  - Organ Concert
  - Senior Library of Oriel College
- And many more...

## Programme Structure 课程架构:

Delegates can participate in one course per session (two weeks). Each session consists of academic lectures and seminars, e-talks, culture activities, an online orientation and a graduation ceremony.

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**Summer Institute**  
**- Online Programme -**

**Programme Fee 课程费用**

