# Oriel College
## UNIVERSITY OF OXFORD

# Summer Institute
## *- Online Programme -*

# 牛津大学奥利尔学院
# 寒假线上学分课程



**Registration Open Now!**

# Overview 课程简介：

## Online Programme of the *Summer Institute* here at Oriel College Oxford

Our Online Programme is a new form of academic offering of the *Summer Institute* here at Oriel College Oxford. This programme provides delegates from all over the world with a unique opportunity to experience the world's most renowned academia.

Oriel College (University of Oxford, UK)
Oriel College is one of the 39 colleges that make up the University of Oxford (UK). It was founded in 1326 by King Edward II, making it not only the fifth oldest college in the university, but also the oldest royal foundation in the entire city of Oxford. In recognition of this royal connection, the college was once known as King's College.

## 牛津大学奥利尔学院寒假线上学分课程：

线上学分课程(Online Programme)是牛津大学奥利尔学院暑期学分课程的全新模式，主办方奥利尔学院将以往线下传统授课课程调整为远程模式，方便全球学生随时随地在线体验世界顶尖学府的专业课程。

牛津大学奥利尔学院(Oriel College)是于1326年由英格兰国王爱德华二世建立。是牛津大学历史最悠久的学院之一。这座学院与皇室有着不解的渊源，是牛津最古老的皇家学院。几世纪以前也被称为国王学院。

# Session Dates 课程时间: 11 January ~ 26 February 2021（3 sessions）

**Delegates can choose 1 or 2 courses per 2-week session and up to 6 courses within 6 weeks.**

**学员可根据自己时间安排选择2周、4周或6周。每2周可以选择1-2门专业课，最多可在6周选择6门专业课程。**

# Highlights 课程亮点：

- Elite academics from the University of Oxford and the University of Cambridge
- A wide selection of courses from a range of tracks
- Easy access to online courses from any corner of the world via programme App
- Immersive academic experience and an authentic taste of studying at Oxford
- Credits earned (3 ECTS/1.5 US Credits per course)

- 牛剑名师课程自主选
- 博雅专题讲座拓视野
- 牛津校园文化云体验
- 牛津官方证书成绩单
- 便捷手机应用个性化



# BAC Accreditation 认证资质：

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.

BAC
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**
The course will provide an in-depth knowledge of the functions of the rule of law in common law jurisdictions, as well as to consider law in a practical manner.

**EU Corporate Law**
The course consists of the legal topics of companies operating in the United Kingdom.

## Economics & Business

**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 is concerned with the behaviour of firms. This course covers both theory and applications.

## Literature & History

**An Actor's Approach to Shakespeare**
This course of lectures will introduce students to a range of Shakespeare's plays and poems from the point of view of actors and directors 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 students who wish to gain an insight into the nature of power, and how power is exercised in the context of modern governments.

## Science & Medicine

**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.

**The Health of Nations: Current Challenge and Future Possibilities**
This course will provide an overview of the causes and the events of the recent 'global' financial crisis, as well as of the policy response by governments and central banks.

**Quantum Computing**
Quantum groups appear in many areas of mathematics and mathematical physics such as representation theory, non-commutive 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 will be 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 Relations

**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 will offer 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：牛剑校园文化 (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 or two course within two weeks. Each two-week session consists of academic lectures, E-talks, culture activities, an online orientation and a graduation ceremony.**

学员2周可选择一到二门课程。每期 (2周) 不但包含专业学术课程, 同时穿插跨学科专题讲座和牛剑校园文化活动云体验, 以及在线欢迎会和毕业典礼。

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### Winter 2021 (2-week)

| Week 1 | Monday | Tuesday | Wednesday | Thursday | Friday | Sat |
|---|---|---|---|---|---|---|
| Part 1 | Welcome & Orientation | Course I Lecture 1 | Course I Lecture 2 | Course I Lecture 3 | Course I Lecture 4 | Revision & self-study time |
| Part 2 | E-Talk and/or Cultural Activity | E-Talk and/or Cultural Activity | E-Talk and/or Cultural Activity | E-Talk and/or Cultural Activity | Study time | |
| Week 2 | Monday | Tuesday | Wednesday | Thursday | Friday | Sat |
| Part 1 | Course I Lecture 5 | Course I Lecture 6 | Course I Lecture 7 | Course I Lecture 8 | Course I Assessment | |
| Part 2 | E-Talk and/or Cultural Activity | E-Talk and/or Cultural Activity | E-Talk and/or Cultural Activity | E-Talk and/or Cultural Activity | Certificate Ceremony & Testimonials | |

*Please kindly note that the timetable is subject to change due to the unforseen circumstances which may have.

*此行程为两周选一门课的情况, 若有选2门课的需求, 欢迎联系我们了解更多详情。