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CAMBRIDGE

Cambridge Centre for the Integration
of Science, Technology and Culture

劍橋大學劍橋科技文化融合中心

劍橋大學聖約翰學院學期訪學計劃

Visiting Semester Programme

St. John's College, University of Cambridge



劍橋大學劍橋科技文化融合中心可組織學生參與劍橋大學三個月或以上的訂製交流訪學課程，並與學校簽訂合作計劃和學分轉換協議，本計劃可針對所有劍橋大學已有的專業設計特製課程。交流期間學生將會入住劍橋大學學院宿舍，在劍橋大學教室中學習，輔以豐富的專業參觀活動和劍橋大學學子聯誼活動，交流計劃可配置帶隊老師隨團監督學習效果。

The Cambridge Centre for the Integration of Science, Technology and Culture at the University of Cambridge organises bespoke exchange programmes for students to study at the University of Cambridge for a period of 3 months or more, with projects tailored to all existing disciplines at the University of Cambridge with signed agreements of collaboration and credit transfer. During the exchange period, students will be housed in the college residences and study in facilities at University of Cambridge, complemented by professional visits and Cambridge student social events.

劍橋大學聖約翰學院 St. John's College, University of Cambridge

劍橋大學是一所世界頂尖的公立研究型大學，採用書院聯邦制。聖約翰學院成立於 1511 年，與其他 30 間學院組成劍橋大學，是劍橋最大的學院之一。聖約翰學院的傑出校友包括著名諾貝爾獎獲得者、首相、科學家、藝術家以及工商各界領袖。聖約翰學院不只是一個激發才智的學習場所，亦是值得參訪的地標。

University of Cambridge is a public collegiate research university. St John's College is one of the 31 colleges of the University of Cambridge, founded in 1511, and is one of the largest colleges in Cambridge. Its alumni include famous Nobel laureates, prime ministers, scientists, artists and leaders in business and industry. St John's is not just a place of stimulating learning but also a place worth visiting.



計劃介紹 Programme Introduction

本計劃學科全專業覆蓋，並可按學校需要定制。

This programme covers all disciplines and can be tailored.

- 課程目標：引導學生進行系統性學習和實踐，幫助學生建立務實的知識體系，掌握現階段的最前沿研究。通過參加不同形式的案例研究和小組任務，透視相關學科產業，獲取學術知識，增強學生批判性思維和團隊合作技能，同時習得利用所掌握相關學科的解決問題及實作能力；

Programme Objectives: To guide students through systematic learning and practice, helping to build a solid body of knowledge and to keep abreast of the most current research. Through participation in various case studies and group assignments, students will gain insight into relevant subject areas, acquire academic knowledge, enhance critical thinking and teamwork skills, and acquire problem-solving with practical skills using their knowledge of relevant subjects.





- **學習成果：**學生需參與期末測試以及個人專題演講展示，成功通過者將獲得劍橋大學科文中心簽發的成績單、證書和推薦信，均受世界著名高校及企業認可，可助力學生進一步留學深造或求職名企。

Learning outcomes: Students will take a final exam and a presentation at the end of the semester and all participants will receive a transcript, certificate and letter of recommendation from CCISTC of Cambridge University. The certificates have been recognised by world leading universities and companies, enabling students to further their studies or pursue careers in prestigious companies.

教學模式 Teaching and Learning Method

本計劃由劍橋大學資深教授、講師主導講授，授課方式與詳情如下：

This programme is taught by senior professors and lecturers of Cambridge University. The teaching methods and details are as follows:

- **專業課程 Professional Course :**
 - 部分課程為傳統授課模式，授課方式為老師主講，學生聽講，但授課模式由老師按授課現況進行調整，增加互動，確保學生學習動機及興趣；
Some courses adopt the traditional teaching mode. However, the teaching mode is adjusted by the teacher according to the current teaching situation to increase interaction and ensure students' learning motivation and interest;
 - 部分課程為創新授課模式，一般模式為案例討論、前沿課題分享、實戰操作等。
Some courses are taught in an innovative mode, including case discussion, sharing of cutting-edge topics, practical operations, etc.
- **小組輔導 Supervision :**
 - 以小組進行，並提交報告和作業；
Work in small groups and submit reports and assignments;
 - 每個小組配備一名劍橋在讀學生（研究生、博士或教師助教）提供研究指導；
Each group is equipped with a Cambridge student (postgraduate, doctorate or teacher assistant) to provide research guidance;
 - 每週均有研究進度要求，每個月需要提交一次中期報告；
There are research progress requirements every week, and a mid-term report needs to be submitted every month;
 - 學習結束以後需要針對自己所選的課題做演講展示。
After the study, students need to give a speech on the topic chosen.
- **課程補充 Course Supplements:**
 - 提供多種公共課程和參訪課程供自由選擇聽講；
Provide a variety of public and visiting courses for free choice of listening;





計劃大綱 Programme Outline

- **開幕式**：對本訪學計劃的運作做全面而細緻的講解，包括項目課程、活動和參觀等。瞭解英國文化、劍橋生活、傳統大學禮儀、學術課程總覽、評估標準、課後輔導課程、牛津倫敦等地遊覽等資訊；
Opening Ceremony: A detailed explanation of the operation of the programme, including the programme curriculum, activities and visits. Learn about British culture, life in Cambridge, traditional university etiquette, an overview of the academic programme, assessment criteria, after-school tutorials, tours of Oxford and London and much more.
- **必修課**：借鑒大量案例研究與專題，學習相關學科領域必須具備的基礎知識和新穎理論，並把理論與知識應用於實際環境，提昇學生在相關學科領域的專業程度；
Compulsory Course: Drawing on a wide range of case studies and projects, students will learn the fundamental knowledge and new theories required in the relevant subject areas, applying the theories and knowledge learned in a practical context to enhance their professionalism in the relevant subject areas.
- **選修課**：按學生自身興趣及發展方向，自行彈性選擇最適合自我的相關領域之多元深入研究課程，進一步完善及學生未來生涯競爭力；
Elective Courses: Students can flexibly choose multiple in-depth research courses in related fields according to their own interests and development directions, further improving future career competitiveness;
- **研討工作坊**：指導學生撰寫英文學術研究專題，提供未來求學及職涯發展之建議，提昇學生科研深造能力及自身素質；
Seminar Workshops: to advise students on composing academic research projects in English, provide suggestions on their future studies and career development while enhancing their research skills and quality.
- **學術輔導課**：包括學術課程回顧、開題報告輔導，以及公共演講技巧指導。屬於小班針對性教學課程，旨在加強業內學者與學生的溝通，培養學生批判性思維能力和創新能力；
Academic Tutoring Course: Includes academic course review, project proposal, and public speaking guidance. It is a targeted teaching course in small classes, aimed at strengthening the communication between scholars and students in the industry, and cultivating students' critical thinking ability and innovation ability;
- **課程評估**：學生將在學期末提交一篇字數在 2000 到 3000 字的研究開題報告，在提交後一星期左右將會得到講師意見與回饋，而在回饋後一周內會進行十五分鐘的個人展示並進行五分鐘的開題報告辯；
Course Evaluation: Students will submit a research proposal report with a word count of 2000 to 3000 words at the end of the semester. They will then receive comments and feedback from the professors about a week after submission, and a 15-minute personal presentation and a five-minute opening report defense will be held within a week after the feedback.
- **課餘活動**：自選公共課（2 至 5 次）；自選探訪課 - 提供其他暑校特殊探訪活動（如有）。
Extra-curricular activities: Optional public classes (2 to 5 times); Optional visiting classes - provide other special summer school visiting activities (if any).





學習資格認證 **Certification and Outcomes**

參與本計劃的訪學學生將獲得以下各資格認證，其中包括：

Visiting students will obtain the following qualifications and outcomes, including:

- 訪學學生將註冊成為劍橋大學聖約翰學院學生，使用學院學習系統，領取劍橋大學學生圖書證；
Visiting students are register as students of St. John's College, University of Cambridge, the college learning system and a student library card will be provided;
- 學習結束後獲得劍橋大學聖約翰學院簽發學習證明；
Obtain a study certificate issued by St. John's College, University of Cambridge upon completion;
- 優秀學員可以獲得劍橋大學授課導師或劍橋大學科文中心導師頒發的專屬推薦信（TOP10%學生）；
Outstanding students can get an exclusive recommendation letter issued by the professors or CCISTC (TOP 10% students);
- 證書、成績單和推薦信均根據學生真實學習情況開具。
Certificates, transcripts and letters of recommendation are issued based on students' learning situation.

劍橋住宿 **Accommodation**

- 課程期間所有學生將會入住劍橋大學宿舍和當地家庭住宿，體驗兩種不同的留學住宿體驗；
All students will be accommodated in college residents and local homestay families, to experience two different accommodation styles for studying abroad;
- 體驗劍橋大學獨有的百年歷史學院住宿，參與學院的學術和聯誼活動，感受劍橋。
Accommodated in the historic college residents in Cambridge with unique academic and social activities, feeling Cambridge.

訪學學生入選資格 **Qualifications and Requirements**

本訪學計劃歡迎優秀學生參與，入選條件包括：

Outstanding students are welcome to participate in this visiting programme. The selection criteria include:

- 成績要求：GPA 3.2 或以上（4 分制）
Academic requirements: GPA 3.2 or above (on a 4-point scale)
- 語言要求：雅思 6.5 分及以上（單項不低於 6 分）；托福 80 分及以上（單項不低於 15 分）
Language Requirements: IELTS 6.5 and above (no less than 6 in a single category) ; TOEFL 80 and above (no less than 15 in a single category)
- 學校推薦
School recommendation





所需文件 Document Required

訪學學生需於申請時提交以下文件：

The following documents are require when applying:

- 成績表、學校評分標準、在學證明
Transcript, GPA Grading Standard, Certificate of Study
- 雅思或托福成績表
Certificate of IELTS or TOEFL
- 推薦信 1 封
One Letter of Recommendation
- 個人陳述
Personal Statement
- 個人簡歷
Curriculum Vitae
- 護照首頁
Information page of passport

計劃費用 Programme Fee

總費用 Total Fee

一學期 (3 個月) Per Semester (3 months): 澳門幣 MOP \$180,000 / 每學生 per student

費用包括：申請費、所有授課費、教材費、場地使用費用等、90 晚劍橋住宿、全程早餐、劍橋大學圖書館專人卡、參訪文化活動、接送機服務、活動導覽和講解、劍橋大學本地交通卡、生活指導人員、參觀劍橋郡、後勤人員費用。

Tuition Fee Includes: Application fee / All teaching fees / Teaching materials / Venue fees / 90 nights of Cambridge Accommodation / Breakfast / Cambridge University Library Personal Card / Cultural activities / Pick-up Services / Guides Tours / Local Transportation Card / Professional Tutors / Sightseeing / Staff fees.

本訪學計劃每團人數為 12 至 15 人 (額外人數可另議)

Each group of the programme is from 12 to 20 students (extra persons to be discussed)





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Integration of Science, Technology and Culture

In the Cambridge Centre for the Integration of Science, Technology and Culture (CCISTC), we work on interdisciplinary research projects and organise relevant conferences, seminars and programmes. In light of the trend of globalisation, we aim to promote discussions and collaborations among academics, students, and our international partners (such as policy makers, higher education institutions, societies, association, etc.) across the world. Prof. Nicola Clayton, Fellow of Royal Society and Professor of Comparative Cognition in the Department of Psychology at the University of Cambridge, is the Founding Director of CCISTC.

Disclaimer: For more details of research collaboration, activities, and our programmes, please contact our office at Cambridge (rz242@cam.ac.uk) or consult with our partners across the world. Should any other parties use/reproduce our materials or represent CCISTC without the permission from CCISTC, or infringe CCISTC's intellectual properties or other rights in any ways, CCISTC reserves the right to pursue legal actions.

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