

常青藤夏校系列 之



Summer Academy for High School Students

杜克大学暑期领导力学院

HANDBOOK

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项目简介

与来自世界各地的优秀学子在有南哈佛之称的杜克校园，共同度过 3 周，学习领导力的核心课程，同时通过对当今社会面临重大问题的探讨，培养成为国际公民的使命感和责任感。杜克大学将为你提供绝佳的学术氛围，该项目将成为你提升领导力和个人魅力的最佳实践基地。在杜克大学的课堂上，你将围绕相关课题学习，培养成为一名合格国际公民的素质，扩大国际视野，成为全球的领导者。

申请资格

现面向以下学生遴选：

- ❖ 9-12 年级在读
- ❖ 英语语言能力优秀
- ❖ 成绩优异有浓厚学习兴趣
- ❖ 有意愿进入美国顶级名校深造的学生



课程活动及安排

日间课程（非学分）

课程一：全球领导者：领导能力与外交能力

The Global Leader: Leadership and Diplomacy

这个世界需要领导者和外交家，需要具备知识，技能，勇气和决心的人来应对颇具挑战性的地区和全球问题。这里将成为展现自我，突破自我，实战演练的舞台。课程会通过学习模拟联合国 MUN 的基本原则来使你更好的理解外交和社区领导力，研究联合国的出版资料，并以一名外交委员的角度探讨世界性的话题。

课程二：全球通讯员：英语或汉语教学，辩论与演讲

The Global Communicator: Formal Language Instruction, Communication, Theory of Language, Public Speaking, and Debate

语言学习应不仅仅是以“另外一种语言”来说词语，它的目的在于交流。不断变换的语言交流行为要求我们能够适应，回应并融入听众的话题。通过说服辩论锻炼学生的批判性思维能力，有效提高学生的人际交往和跨文化沟通能力。本课程主要涉及媒体交流方面，特别是社交媒体是如何促进或阻碍个人生活和职业发展生涯。课程要求学习第二门语言，汉语或英语进行交流，演讲和辩论。

课程三：全球医疗者：全球健康的基础

The Global Healer: The Foundation of Global Health.

当埃博拉病毒在非洲发现并迅速扩展到其它国家或一种新型致死病毒在全球爆发意味着什么？你想了解更多关于这个世界面临的健康挑战吗？你是否痴迷于环境对健康带来的影响？你是否想用你的热情来挽救数百甚至上千人的生命？你想过如何实现你的关于全球健康问题的职业规划吗？本课程通过研究当今世界最棘手的健康问题来寻求答案。课程互动性极强，挑战你的智力，分析和解决问题的能力。

课程四：全球企业家：创新，发明，以及世界各地的提倡

The Global Entrepreneur: Inventions, Innovations, and Initiatives around the World.

杜克大学环球企业家课程学习如何解决全球问题，以及如何将这些技能转换成为一个成功的创业企业。你将了解如何识别国际市场机遇和挑战，学习使用当今社会著名企业家的技巧，感知他们的远见。在本课程中学习到的概念都经历过多年的市场研究和实战演练。为了真正感受企业的成功，你需要有自己的想法，并对其加以设计，将其市场化再销售到市场。课程结束后，你已经准备好成为一名全球企业家了。

课程五：全球环保人士：调查可持续解决方案提倡绿色生活

The Global Environmentalist: Investigating Sustainable Solutions to Go Green.

我们和环境的作用是相互的，几乎我们每天所做的决定都会对环境有这样或那样的影响。比如我们是从农场买食物还是从连锁店买亦或是自己耕种？我们走路去上学还是乘车上学？这些简单的决定都可能会对环境变化或食物存储产生影响。然而，如果你是一个环保主义者，你对于环境的影响便是积极的。本课程针对世界是如何影响环境的一些列问题展开研究和讨论。临近课程结束时，你的团队将针对一个具有争议性的环保话题展开调研。作为环保主义的一员，你也需要设计一个可持续性的环保意见在你的学校或小区内实行。

填写申请表时学生需要从上述 5 门学科里列出自己感兴趣的 2 门课程，杜克会参照学生的排序和实际选课情况为你落实 1 门课程深入学习，英文课程内容详见 APPENDIX C

晚间课堂（非学分）

主要有 2 项学习内容，需要学生在填写申请表时选出自己感兴趣的 2 项，杜克会参照学生的排序和实际选课情况为你落实 1 门课程进行学习。

a) Film Series

视频系列教学/每周三次

- Great Documentaries
- NOVA
- NOVA ScienceNOW
- TEDtalks
- The Oscars

b) Wednesday Night Expos

上课时间：7.15&7.22&7.29 周三晚 19:00-20:30

- Academic Writing 学术写作
- College Preparation 大学升学准备
- SAT Test Training SAT 培训



关于住宿

杜克大学学分暑期学院学生将安排住在杜克校园西校区里。学生常把西校区校园称为“哥特式的乐园”。这个绰号来自于校园西区里哥特式复兴运动（兴起于 18 世纪的英格兰）时期的建筑。这些建筑大部分由 Julian Abele 设计，她是美国第一批黑人建筑师。主体的方庭属于非常朴素和早期的建筑风格，与之相对的是，学院方庭的建筑显现出了晚期的法国和意大利建筑风格的影响。

西校区可以称作是杜克大学的中心。除了所有的二年级学生住宿在西校区外，一些三年级和四年级学生也住宿在此。学校的大多数学术和管理机构都在这里。西校区的主要部分是以杜克教堂为中心，南面是住宿方庭，北面是学术方庭，图书馆和医药中心。泛指西校区还包括科学和工程楼所在的科学路。最后，大多数的餐厅和体育设施都在卡梅隆室内运动场里，这些也都位于西校区。



营地费用

日期：2015 年 7 月 11 日 - 2015 年 7 月 31 日

费用为：\$6,980

费用包含：

报名费 50 美金（不可退还）、营地费、美方接送机费、保险费、申请材料审核、材料邮寄、签证预约、签证辅导、行前辅导、与美方 24 小时的紧急沟通与联络。

费用不包含：

国际机票、签证费、个别课程的试验费、书本费、一切个人花费及上述‘费用包含’中未提及的一切其它费用。

项目申请准备材料

Step1: 申请资格筛选面试阶段：

- 1) 学生证扫描件
- 2) 身份证扫描件
- 3) 护照扫描件 (如没有, 请于申请后 5 个工作日内去办理)
- 4) 填写预报名表

Step2: 确认申请阶段：

- 1) 缴纳费用、签署协议；
- 2) Program Application Form 项目申请表；(组织方提供，请用蓝色笔签名)
- 3) 申请论文陈述：
你为什么是该项目最合适的申请者；
你选课的理由；
至少提供 2 段具备说服力的陈述说明
- 4) 简历：
注明学术或非学术性的经历；
之前参加过的社区服务及课外活动；
所获奖励；
是否担任领导性角色等
- 5) 高中最近一学年成绩单 (英文)
- 6) 教师推荐信 (一封英文，需强调你在学术、学科上的能力，有模板)
- 7) ACT SAT (如有)
- 8) ELTIS 考试 215 分及以上 (组织方组织)



常见问题

APPENDIX A

1. 我参加杜克的暑期项目，是不是就可以视作杜克大学的候选者身份被录取了呢？

参加杜克大学暑期学院的经历的确可以成为大学招生官考量的因素。但是影响升学的因素有很多，招生官也会对你的综合能力进行评估。被杜克暑期学院录取并不能确保你一定会被杜克本科录取。但是你这段经历会为你的简历加分。

2. 我什么时候知道我被录取了？

一般情况下，你将会提交一份完整的申请表格 3 周后得到是否录取的通知。

3. 每个班的师生比例有多少？

根据每个班的实际安排，通常情况下，日常班规模在 10-18 人。

4. 我将持何种签证入境？

学生需持 B1/B2 签证进入该项目。

5. 我可以要求和朋友住在一起吗？

杜克注重一个独立的学生体验，并提倡学生感受多元化的文化环境，所以分宿舍时会考虑将不同文化背景的学生分在一起。所以并不会考虑学生提出的请求。

6. 是否会组织团队活动

会组织丰富的娱乐活动，如组织学生参观乔治华盛顿社区，hiking 等。

7. 我可以从杜克图书馆借书吗？

你可以同杜克大学本科生一样，使用学校的资源。杜克大学图书馆拥有超过 500 万卷的藏书，论其规模，排名于全美私立大学图书馆系统前三。距西校区近的图书馆是 The William R. Perkins Library，暑期学院的学生可以使用电脑，打印，复印及学习，你也可以使用你的 DUKE CARD 来借书。DUKE CARD 在你入学时会发给你。

8. 我在哪里用餐？

入营后，会发给你一张 FLEX 卡，每天有固定使用的金额可用于支付校内早餐和午餐，金额不会累加，也就是说，当天未使用完的剩余金额不会累积在第二天的金额里。项目方提供免费的自助晚餐。

9. 住宿环境是怎样的？

通常，杜克本科生住的公寓是没有空调的。但杜克暑期学院同学所居住的宿舍设施匹配齐全。

The Checklist for Applications

APPENDIX B

Documentation for your application to be considered complete:

- ☐ A signed and dated copy of the Duke Community Standard.
- ☐ A signed and dated copy of the Duke University Summer Academy for High School Students Participant Agreement.
- ☐ An essay stating why you are uniquely qualified for this program as well as your interest in the daytime classes for which you are applying. Two strong paragraphs are sufficient.
- ☐ Please remember to rank your top two selections for the evening film series.
- ☐ A resume highlighting your academic and non-academic experiences. Please include any community service or extracurricular activities you have participated in, leadership roles you have held, and awards you have won.
- ☐ High School transcript that reflects all grades and a current GPA (an unofficial transcript is acceptable). Home schooled students are required to submit proper documentation.
- ☐ Teacher Recommendation Form.
- ☐ Payment of Application Fee.

New! Daily Courses for 2015!

APPENDIX C

Duke Summer Academy for High School Students provides a stimulating and thought-provoking learning experience that will help you understand what it means to be a global citizen. You will choose one course from five options, with each option providing a unique perspective of citizenship. Rather than sitting at a desk and simply listening to a lecture while taking notes, you will engage in a variety of interactive assignments designed to build critical skills essential to preparing for the world beyond high school. You will participate in role playing, discussions, interviews, debates, and other dynamic educational activities while learning alongside peers from around the world. Summer Academy meets Monday through Friday for approximately six hours a day for classroom instruction. Additional enrichment activities are planned for evenings and weekends.

The Global Leader: Leadership and Diplomacy.

The world needs leaders and diplomats. The world needs people with the knowledge, skills, courage, and commitment necessary to develop innovative and transformative solutions to challenging local as well as global problems. The world needs you. Over a period of three weeks you will increase your knowledge and practice skills necessary for leading successfully. This program is designed around the Social Change Model of

Leadership Development and has three main foci:

- (1) Self
- (2) Group
- (3) Community

This class will begin by introducing an array of individual leadership skills and will continue to visit and revisit them throughout the program. Based on rigorously researched scientific methods that you will practice, you will learn how to develop your capacity for self-knowledge, self-awareness, and self-compassion. You will also learn about your signature strengths, personality style, and approach to conflict. Group-level skills and processes will be introduced next, building upon your individual skills.

To better understand the topic of diplomacy and community leadership operating at a high level, you will explore the United Nations by learning the fundamentals of the Model United Nations (MUN) program, studying an important publication issued by the United Nations, and sitting on a diplomatic committee to address an important worldwide topic. As an MUN Delegate, you will participate in activities real-life Delegates undertake when confronting issues affecting the world. This class will help you become knowledgeable about diplomacy and international relations while helping you improve your critical thinking skills and learning how to work in a team to improve your research, writing, and communication abilities. As you formulate your positions on various topics, you will learn the fundamentals of persuasive argument so you are able to convince others to consider a new point of view. As a Delegate assigned to portray a political figure or represent a country, you will learn how to be an effective member of a committee in which everyone in the group discusses and debates potential solutions to worldwide problems. Imagine playing the role of the former Secretary-General of the U.N. Kofi Annan as your team considers the issues surrounding the need for peacekeeping, crimes against humanity, ethnic cleansing, and human rights. Or maybe you will represent the current Secretary-General of the U.N. Ban Ki-moon

and preside over a committee considering the need to promote sustainable development, empower women, or implement arms control and non-proliferation of weaponry.

In addition to learning more about the United Nations and participating in committees to consider important global topics, you will examine in-depth one of the following publications from the United Nations and report your findings in a final group presentation:

- 1) Basic Facts about the United Nations 2014
- 2) United Nations at a Glance
- 3) The State of the World's Children 2014 in Numbers: Every Child Counts – Revealing Disparities, Advancing Children's Rights
- 4) Escaping Victimhood: Children, Youth and Post-Conflict Peacebuilding
- 5) World Youth Report 2013: Youth and Migration

The Global Communicator: Formal Language Instruction, Communication, Theory of Language, Public Speaking, and Debate.

Most language programs only provide you with the opportunity to learn the words spoken in another language, but we know that communication has many more dimensions than just learning a language.

1) Global Communication Skills: Ever-changing technology and communication behavior requires the ability to adapt, respond, and engage with a diverse, world-wide audience. This course challenges students to exercise their interpersonal, small group and intercultural communication skills in concert with the critical acumen developed through a rich understanding of persuasion and argumentation. In addition, the course will focus attention on mediated communication, in particular how social media both promote and hinder effective communication in our personal and professional lives.

- Learn important global communication techniques, including the following
- empathetic listening skills essential to becoming a stronger leader;
- analysis of your personal communication style;
- how to adapt to a variety of communication styles by others;
- effective communication skills within the business environment;
- gender differences in speaking and communicating; and
- how to improve communication among and between team members and avoid misunderstandings;
- exploration of persuasive argumentation and informal debate;
- communication within a team or small group; and
- public speaking which is your final project in front of your peers

2) Explore the International Baccalaureate's Theory of Knowledge (TOK) course as a premise for understanding language. Your investigations will focus upon the following questions: How does language shape knowledge or what it is possible to know? Does the importance of language in an area of knowledge ground it in a particular culture? How are metaphors used in the construction of knowledge?

Note: This portion of the course is not intended to be a full TOK course as offered by the International Baccalaureate. Rather it is designed to be an introduction to the primary question as to how language influences "How do we know what we know?"

3) Learn a second language. As a Global Communicator, knowing a second language helps you tear down barriers and facilitate global networking opportunities. By gaining even a basic understanding of a second language, you will be better positioned to be a global citizen, comprehending the language spoken by others and facilitating relationships as you speak with others in their native language. You will formally study your language of choice three hours a day and then learn about communication, language, public speaking, and debate for the remaining three hours a day.

- Why Chinese? A U.S. Census Bureau report, "Language Use in the United States: 2011," states there were nearly 2.9 million Chinese speakers in 2011 - up almost 360 per cent from 1980. In addition, Mandarin Chinese is spoken by more individuals worldwide than any other language.
- Why English? Are you thinking of going to college or university in the United States or looking for a career in which the English language will be critical for success? Here at Duke, we have a truly international population, providing you with the unique opportunity to learn the language formally in class during the day and to practice with your new friends in social situations in the evening and on weekend.

The Global Healer: The Foundation of Global Health.

What does it mean when Ebola breaks out in Africa and begins spreading to other countries or when a new flu virus capable of causing death breaks out across the globe? Do you want to learn more about health challenges facing the world? Are you fascinated by environmental impacts on health? Do you want to understand infections and emerging and re-emerging diseases around the world? Are you passionate about making an impact on the world that could save hundreds, even thousands, of lives? Do you want to discover ways to guide your college studies and your future career toward global health issues?

In this course you will investigate a wide variety of global health topics:

- the differences and similarities between Eastern and Western approaches to medicine
- sanitation and the impact of poverty
- AIDs and infectious diseases
- vaccinations and children's health
- environmental impacts on health
- women's health
- obesity
- emerging and re-emerging diseases
- leaders in global health (the World Health Organization and the Centers for Disease Control)
- careers in global health

This class, focusing upon some of the most pressing health issues facing the world today, is highly interactive. You will begin by learning about different cultural perspectives on medicine, the intricacies of preventative health or diagnostic care, and develop your own philosophy of health care. As you immerse yourself in revolutionary research on critical topics such as disease, women's and children's health, and the environmental impact on health, you will examine leading projects and initiatives from the World Health Organization (WHO) and the Centers for Disease Control (CDC). You will conduct your

own research and work with a team to design a club for your community or high school to address an issue with global health implications. Then your team will present your club idea to your peers. Expect this course to challenge you intellectually, expand your critical thinking and public speaking skills, and enhance your ability to research and analyze a topic that also reflects your personal passion and commitment.

The Global Entrepreneur: Inventions, Innovations, and Initiatives Around the World.

Being an entrepreneur is not a career path for just anyone. An entrepreneur needs to have stubborn determination and almost fanatical commitment to survive the challenges of evaluating and solving complex problems and designing and launching a new product. Entrepreneurship is not for everyone, but if you have the courage and the resilience, you will find yourself among a global elite working together to solve some of the most pressing problems facing society today. From internet security to climate change to healthcare to international trade, today's entrepreneurs take on challenges that impact people across the globe. Each year the space for international businesses is growing and understanding this global marketplace is critical for today's entrepreneur.

The Duke Global Entrepreneur class will help you learn how to be a global problem solver and how to turn those skills into a successful entrepreneurial venture. You will learn how to identify challenges, understand the global marketplace, and develop the insights and techniques used by some of the leading entrepreneurs around the world. You will be put on the path to becoming the next great global problem solver. The concepts you will learn in this course have been refined through years of study, research, and practical use by leading entrepreneurs across the globe.

The globally minded innovator and inventor is first and foremost a problem solver. This course uses a three part structure to help you identify and practice these skills, making them into an entrepreneurial storehouse.

- (1) Understanding the Global Marketplace.
- (2) Problem Solving for Today's Inventors.
- (3) The Entrepreneur's Experience.

In the first week you will learn about the needs, opportunities, and complexities of the global market place. Along the way you will gain an appreciation for the way in which challenges in one market cross over and connect with others around the world. The focus of week two will be an introduction to an invention process used by leading entrepreneurs to help identify and solve challenges of all sizes. You will move through a five-part process to learn how to identify a need, understand your audience, define a solution, create a prototype, and propose an idea that others take seriously. Finally, in the third week, you will learn from leading entrepreneurs how to overcome the most difficult aspects of taking a concept and turning it into a business. Lots of people have creative and innovative ideas that die before they are fully born. To experience entrepreneurial success you need to be able to take an idea and design it, market it, sell it, and sometimes understand when and where to turn to a different solution. At the end of this course you will be ready to jump into the deep end of international entrepreneurship.

Week1:TheGlobalMarketplace	Week2:The Invention Process	Week3:The EntrepreneurExperience
Introduction to Global Markets & Challenges Technology in a Global Market Thinking Globally, Acting Locally	Finding Your Team Defining Your Challenge Identifying Your Users Brainstorming Concepts Identifying Solutions	Testing & Prototyping Marketing & Designing Overcoming Obstacles The Pivot (changing direction) The Pitch (selling your idea)

The Global Environmentalist: Investigating Sustainable Solutions to Go Green.

The environment has a huge impact upon us and we have a huge impact upon the environment. Almost every decision we make each day will impact the environment in one way or another. Do we walk to school or do we drive? Do we purchase our food from local farmers, do we buy it from a chain grocery store, or do we grow our own? These apparently simple decisions may well have future repercussions in terms of climate change or food shortages. However, if you are an environmentally informed global thinker, your impact on the environment can be a positive one. You can change the future of the world for the better.

If you have a passion for the environment and our relationship with it, you will benefit from this course that takes advantage of Duke University's long running commitment to the environment and a sustainable future. Over the course of three weeks you will investigate a wide variety of contemporary environmental issues.

Air Pollution and Climate Change

Land and Water Resources

Food Security, Waste Reduction, and Choices (vegan, freegan, and pink slime)

Biodiversity Conservation and Preservation

Environmental Health

Eco-terrorism and Activism

Detecting Biological Warfare Agents

Hydraulic Fracturing (fracking), Nuclear Testing, Oil and Energy

Green Building and Sustainability

Although immersing yourself in these topics will expand your knowledge of the physical and life sciences, you will also gain through this class a keen appreciation for the interrelationship between the environment and social sciences. You will be challenged by guest speakers with expertise in environmental business, law, engineering, and public policy to consider the complex nature of environmental issues and their impact upon communities, countries, and the entire world.

In this course you will engage in research and active discussion of how different societies around the world are being affected by and are coping with environmental issues. You will learn about the local and global concerns of urban as well as rural dwellers. You will be introduced to fierce conflicts associated with confronting the challenges of preserving the environment. As part of the class you will help develop a small scale sustainable initiative you can take back to your school or neighborhood that will have a positive impact on the environment. At the end of the program you will present with your group a controversial environmental topic based upon your own investigative research.

Evening Academics

Film Series

Our evening film series will meet three times a week, starting the second week of the program.

Please select two choices in the event that your first choice has filled. Course placement begins upon admission to the Summer Academy program.

Great Documentaries

- "If You Build It"
- "Underwater Dreams"
- "Next Goal Wins"
- "Breaking Vegas Documentary: The True Story of the MIT Blackjack Team"
- "Supersize Me"
- "An Inconvenient Truth"
- "Food Inc."
- "Roger and Me"

NOVA

- "Rise of the Hackers"
- "Vaccines"
- "Escape from Nazi Alcatraz"
- "Why Sharks Attack"
- "Wild Predator Invasion"
- "Roman Catacomb Mystery"
- "Alien Planets Revealed"
- "Forensics on Trial"

NOVA ScienceNOW

- "What Will the Future Be Like"
- "What Are Animals Thinking"
- "Can I Eat That?"

- "Can Science Stop Crime?"
- "What's the Next Big Thing?"
- "Where Did We Come From?"
- "Can We Live Forever?"
- "Diamond Factory, Anthrax Investigation"

TEDtalks

- "Put the Financial Aid in the Bag"
- "The Technology of Touch"
- "Why Videos Go Viral"
- "Working Backwards to Solve a Problem"
- "Rapid Prototyping Google Glass"
- "Curiosity, Discovery and Gecko Feet"
- "A Call to Invention"
- "Gaming Can Make a Better World"

The Oscars

- "In the Heat of the Night"
- "Dances with Wolves"
- "Casablanca"
- "The King's Speech"
- "Chicago"
- "Beasts of the Southern Wild"
- "The Artist"
- "The Sting"

Wednesday Night Expos

These new learning opportunities – see below for details – will enhance your knowledge and proficiency in the areas of academic writing, college preparation, and SAT training. Dynamic yet practical, these classes meet on campus on three Wednesday evenings – July 15, 22, and 29 – from 7:00 – 8:30 pm. You may only choose one program to attend and you must make your choice when you apply to the program. Spaces are limited and we will not over-enroll these programs – first come, first served!

Academic Writing. College level writing requires practice, but primarily it involves the command of certain skills that will reveal your writing style as professional, persuasive, and sophisticated. Choose this Wednesday Night Expo and learn the strategies and foundations that will contribute to your academic success. You will learn how to create a draft for a college level paper, how to use citations properly, and how to differentiate between quoting, summarizing, and paraphrasing. You will also have the opportunity to practice creating an effective argument in your paper. Finally, learn what plagiarism is, how to avoid it, and what are the typical academic and life consequences for plagiarism convictions.

College Preparation. For many high school students, applying to and succeeding in college can prove challenging without adequate preparation. Opt for this Wednesday Night Expo and get important tips on how to prepare a competitive application packet, what to expect in your freshman year at college, and how to tackle the challenges of your first year at college. We will start by exploring the college search process and identifying factors that will lead you to find the college that will be the best fit for you. We will then review the components of a college application packet and share with you strategies for writing an effective college application essay and for creating a resume and activities list that will reflect your interests and potential contributions to a college community. Finally, we will explore the opportunities and challenges of the college freshman year. We will discuss strategies for adapting to a new environment, managing your time, and staying healthy. We will provide academic and residential resources to help you successfully navigate that exciting and challenging first year of college.

SAT Test Training. The Scholastic Aptitude Test (SAT) is a crucial part of the college admissions process for many high school students. Select this Wednesday Night Expo to learn more about the SAT (format, scoring, and content) and practice real SAT reading, math, and writing questions. Not only will you learn key test-taking strategies, but you will also see how these strategies can help you in your high school classes. This course is hands-on, involves lots of interaction with your teacher and peers, and helps you understand more about the role of the SAT in college admissions and scholarship decision-making.