

常青藤夏校系列 之



Duke Summer Academy for High School Students Program

杜克大学暑期学院学术项目

(非学分)

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。三周的课程学习中，你学习到的知识和技能可以让你发现你潜在的领导力能力和外交能力。

课程二：全球公益使者：需完成 60 小时的社区服务并设计自己的社区计划

The Global Giver: Complete 60 Hours of Community Service and Create Your Own Project

志愿者和社区服务不仅仅是做好事那么简单。我们中的多数人都希望使我们邻居的生活越来越好，我们希望对我们的社区产生积极的影响并让这个社会变的更好。而通常因为繁重的课业压力我们并不具备这样的条件。本门课程中，早上你将学习如何与团队成员有效的制定或改善一个社区服务项目，下午你会和成员一起进行为期 3 周共计 60 个小时的服务计划。项目结束前，你将把你的志愿者经验以商业计划的形式分享并呈现给当地的商业领袖或慈善家。

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，及变世界变革的倡议

The Global Entrepreneur: Creating Inventions, Innovations, and Initiatives for Global Change.

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。课程第一周，你会了解到世界市场的需求，机遇和面临的挑战。接下来的 2 周里，你会深入了解企业家的发现和面对这些挑战运用的战略。而在课程的最后一周，你将了解到那些知名的企业家是如何克服这些困难并成功的把商业概念运作为企业。

***填写申请表时学生需从上述 4 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，英文课程内容请参考 P10

晚间课堂（非学分）

***视频系列（每周一次），周三之夜（每周三晚上课）均为晚间学习内容。请仔细阅读，到营地后需要进行选择,课程详细介绍请参考P14.

除此之外，杜克为同学们准备了丰富多彩的课余活动，等你来参加！

a) Film Series

视频系列教学（共四次）

- Great Documentaries
- NOVA
- NOVA ScienceNOW
- The Oscars
- New Releases (To be decided on-site)

b) Wednesday Night Expos

上课时间：7.20&7.27&8.3 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：2016 年 7 月 16 日 - 2016 年 8 月 5 日

费用：\$7,220

费用包含：

不可退还报名费（50 美金）、营地费、美方接送机费、保险费、申请材料审核、材料邮寄、床品租用费、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、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) 护照扫描件 (若有,如没有请于申请后 5 个工作日内去办理)
- 2) 填写预报名表

Step2:确认申请阶段：

- 1) 缴纳费用、签署协议；(申请费 315 元)
- 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

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。

申请材料清单

Checklist for Applications

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 choose your top two selections for the evening film series and wed night expos.
- ☐ 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.

日间课程

Daily Courses!

The Global Leader: Leadership and Diplomacy.

The world needs leaders and diplomats. The world needs people with knowledge, skills, courage, and commitment to develop innovative and transformative solutions to challenging local and 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 investigating an array of individual leadership skills and will continue to visit and revisit them throughout the program. Based on rigorously researched scientific methods, you will learn and practice how to develop your capacity for self-knowledge, self-awareness, and self-compassion. You will also explore your signature strengths, personality style, and approach to conflict. Finally, building upon your individual strengths and skills, group-level skills and processes will be introduced. The goal of this first part of the class is to help transform you into an inspirational leader whom others will want to follow with enthusiasm. By exploring self-awareness, self-regulation, and an empathetic approach to listening and leading others, you will discover how to motivate others to join you in fulfilling your vision with passion. The text we use for the course, *Search Inside Yourself* written by Chade-Meng Tan, reveals how to calm your mind on demand and return it to a natural state of happiness, deepen self-awareness in a way that fosters self-confidence, harness empathy and compassion into outstanding leadership, and build highly productive collaborations based on trust and transparent communication.

Building on the skills and ideas learned in the leadership segment of the class, the focus shifts in the second section to understanding diplomacy through a lens of empathy and understanding of identity, cleavages, and political structure. You will work in a small group to conceptualize and build a hypothetical country, paying close attention to structural constraints, identity, social cleavages, and political institutions. Once the social context and political institutions of these hypothetical countries are developed, you and your teammates will present a "party platform" speech to the other members of your class who represent their own countries' identities and political goals. By means of these exercises, you will develop an understanding of the intricacies of domestic political systems.

In the final course segment, you will be introduced to the topic of international relations. You will be challenged to take a holistic and encompassing view of conflict and given an opportunity to conduct your own conflict analysis in class. The course culminates in an international relations simulation that requires you to rely on skills learned and the knowledge acquired in the leadership and diplomacy/international relations portions of the class. Taken all together, the parts of this course provide a wide-ranging introduction to comparative politics and international relations while affording you the opportunity to develop skills of debate, public speaking, collaboration, negotiation, and political analysis.

Find the leader and diplomat inside yourself this summer.



The Global Giver: Complete 60 Hours of Community Service and Create Your Own Project

Volunteerism and community service are more than good works. Volunteerism develops leaders with social consciousness, purpose, and a results-orientation. Most of us want to make a difference in the lives of our neighbors. We hope to make a positive impact on our community. We want to make the world a better place. The challenge is time. It can often be challenging to find opportunities to do community service, especially when you are working so hard to achieve academic excellence while involved in clubs and other extracurricular activities.

A demonstrated commitment to volunteerism, however, oftentimes differentiates students in the competitive college application process. In fact, many top colleges and universities require students to have a minimum number of community service hours for their college application.

This course will provide you with an opportunity to create sustainable results in the community, build confidence, and gain valuable experience while completing 60 hours of community service in North Carolina's Triangle Area (Durham, Chapel Hill, and Raleigh). Learn how to use design thinking and the **Human-Centered Design Model** to create organizational solutions that clearly meet the needs of the community served. Design a plan using your strengths, skills, and resources to create a sustained, measurable impact in your community. Complete time cards, receive evaluations, and be a recipient of the "College-Bound Award for Service" after successfully completing 60 hours of service during the program.

Your days will begin with introductions to community change agents who have leveraged personal strengths, expertise, or inspiration to create change in their community. Mornings will also focus upon learning how to work effectively in teams and how to create a business plan to create change in your community. Two students will receive an achievement award for best execution of their business plan. In the afternoons you will go into Durham and other parts of the Triangle and perform a total of 60 hours of community service across three weeks. At the end of the program, you will share what you have learned in your volunteer experience and present one "big idea" in the form of a business plan to a local business leader/philanthropist for feedback.

Duke University and the Summer Academy for High School Students are proud to collaborate with The Volunteer Center of Durham, a local nonprofit agency committed to addressing the unmet needs in our community since 1972. Approximately 300 high school students engage in community service in the Triangle Area through The Center over the summer months, and you and other students from around the world will join forces with these local students to have a positive impact on the community and make a difference by helping others. More than 800 local and regional organizations and thousands of community volunteers use The Center's services. This summer you will work with this prestigious organization and share in its goal to improve the quality of life in our community.

As a Global Giver, you will feel the reward that comes with giving back to others.

The Global Healer: The Foundation of Global Health.

What does Ebola mean to you? Why do we have a new flu vaccine every year? 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:

- Sanitation and the impacts of poverty;
- AIDS, TB, Malaria and other infectious diseases;
- Vaccinations and children's health;
- Neglected tropical diseases;
- Environmental impacts on health;
- Women's health;
- Nutrition;
- Low-cost solutions;
- Barriers to health access;
- Obesity;
- Cancer;
- Road traffic injury;
- Mental health challenges;
- Emerging and re-emerging diseases;
- Engineering;
- Technology, mHealth and eHealth;
- Leaders in global health (the World Health Organization and the Centers for Disease Control); and
- Careers in global health

This class is highly interactive and is separated into three distinct sections: infectious diseases, non-communicable diseases, and innovations, engineering and solutions. You will conduct your own research and work with a team to design a community organization or high school club to address an issue with global health implications. Then your team will present your community organization or school 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:

Creating Inventions, Innovations, and Initiatives for Global Change.

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.

- Introduction to Entrepreneurial Skills
- Problem Solving for Today's Inventor
- The Entrepreneur's Experience

From day one of this academy, you will be immersed in the high-intensity world of entrepreneurship. Collaborating in teams, you will be charged to design your own global-change-making entrepreneurial venture. During the 3-week course you will be guided through the business concepts that have helped make billion dollar companies successful, and you will be provided hands-on mentorship with your own entrepreneurial venture. 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 how challenges in one market cross over and connect with other challenges and markets around the world. In week two you will dive more deeply into entrepreneurial concepts by following an invention process used by leading entrepreneurs to help identify and solve challenges of all sizes. 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.

Throughout the academy, you will be able to take advantage of instructors' office hours and hands-on team mentorship to help you understand the intricacies of launching a new venture. Lots of people have creative and innovative ideas that die before they are fully born. To experience entrepreneurial success you must be able to take an idea and design it, market it, sell it, and understand when and where to turn if your first attempts struggle or fail. By the end of this class you will be ready to take your new-found knowledge and jump into the deep end of international entrepreneurship.

Week 1:	Week 2:	Week 3:
Entrepreneurial Skills Introduction	The Invention Process	The Entrepreneur Experience
Introduction to Markets & Challenges	Analyzing Your Concepts	Testing & Prototyping
Thinking Globally, Acting Locally	Defining Your Challenge	Marketing & Designing
Core Concepts to Successful Entrepreneurship	Identifying Your Users	Overcoming Obstacles
Finding Your Team	Identifying Solutions	The Pivot (changing direction)
Brainstorming Concepts		The Pitch (selling your idea)

晚间课程

Evening Academies!

Film Series

Our optional evening film series will meet four evenings during the program. You will select your film series topics during your residential meetings once you are on campus. You may choose from the following:

Great Documentaries

- *"Underwater Dreams"*
- *"Next Goal Wins"*
- *"An Inconvenient Truth"*
- *"Food Inc."*

NOVA

- *"Rise of the Hackers"*
- *"Why Sharks Attack"*
- *"Wild Predator Invasion"*
- *"Forensics on Trial"*

NOVA ScienceNOW

- *"What Are Animals Thinking"*
- *"Can I Eat That?"*
- *"Can Science Stop Crime?"*
- *"Where Did We Come From?"*

The Oscars

- *"Casablanca"*
- *"Driving Miss Daisy"*
- *"Gandhi"*
- *"Oliver"*
- *"The Sound of Music"*

New Releases

- To be decided on-site.

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 20, 27, and August 3 – 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.