CAMBRIDGE • LONDON • BOSTON • CANTERBURY •

CATS

FREE SUMMER COURSE
if you enrol on one of our full-time programmes in the UK or the US the following year*

SUMMER PROGRAMMES 2019

LONDON | CAMBRIDGE | CANTERBURY | BOSTON

BE YOUR BEST

Spend your summer in the UK or US at one of our CATS schools. We attract students from across the globe. In a diverse and exciting international community, you will learn to **be your best**.

Contents

4 SUMMER IN THE UK

6 OUR LOCATIONS

8 BLOOMBERG BUSINESS ADVANTAGE

10 CAREERS IN LAW, BUSINESS AND FINANCE

12 CAREERS IN MEDICINE

14 UK EDUCATION TASTER PROGRAMME

16 OXBRIDGE PREPARATION PROGRAMME

18 STEM PROGRAMME

20 IVY LEAGUE PROGRAM

22 STEM PROGRAM

www.catseducation.com/summer2019

SUMMER
IN THE UK & US

Our programmes combine:

Workshops
Interactive workshops and activities led by experts in the field

Lectures
Inspiring talks and lectures that will give you an advantage in your university application

Trips
Excursions and day trips to inspire and inform your university application

Activities
A range of activities to help you relax and make friends

Study a CATS summer programme to develop your knowledge of specific subjects, universities and careers. You will gain an insight into the British or American education system and an understanding of applying to university.

Whatever your aspirations, we offer a range of summer programmes that will help you to be your best; whether you would like to go on to study at a top Ivy League school, Medicine at Manchester or Chemical Engineering at Cambridge.

“BEING AT CATS HAS BROADENED MY HORIZONS. I HAVE LEARNT A LOT ABOUT ENGLISH UNIVERSITIES AND CULTURE”

Leticia from Spain
Oxbridge Preparation Programme at CATS Cambridge

www.catseducation.com/summer2019

LOCATIONS

IN THE HEART OF VIBRANT UNIVERSITY CITIES

Best in the world
Our campuses are close to some of the best universities in the world

En-suite rooms
A range of single and shared en-suite rooms

85+ nationalities
Join an international community

Cambridge

Canterbury

London

Boston

CATS has four international boarding schools located in the UK and US – Cambridge, Canterbury, London and Boston. All schools offer state-of-the-art facilities from science labs to art studios and fully-catered modern en-suite accommodation.

You will have the opportunity to make friends from over 85 countries around the world. Our staff are experts in helping you settle in and gain the most from these stunning locations.

Throughout your time with us, you will be treated as a young adult. Our houseparents are available 24 hours per day to provide the support and nurturing you need to thrive.

Common area

Our campuses offer:

- En-suite bedrooms
- Wifi across campus
- On-site medical centre
- Fully-catered canteen
- Common areas
- wet and dry science labs
- Comfortable classrooms
- 24 hour supervision
- Laundry services
- Computer study rooms

Single Accommodation

Canterbury campus

London campus

Boston campus

Cambridge campus

Science lab

BLOOMBERG BUSINESS ADVANTAGE

BE BUSINESS-MINDED

THE FIRST SCHOOL WITH A BLOOMBERG BUSINESS LAB IN EUROPE

Who is this programme for?

For students with a keen interest in business, finance and economics wanting to develop their business awareness, skills and experience.

Throughout the course, you will work on a research project utilising the Bloomberg Terminals where you will develop essential skills needed to go on to study business at a higher level.

You will analyse the latest economic and business trends using a Bloomberg Terminal – the tool of choice of international investors and traders. You will visit leading London companies and be inspired to develop your own ideas and start your career.

What will you achieve?

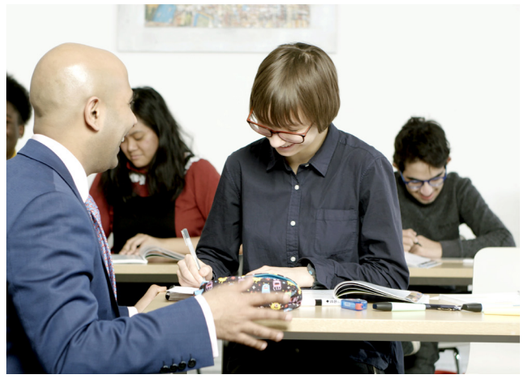
You will:

- use the Bloomberg Terminals to complete a business research project and present your findings to a panel of judges
- create a personal statement for application to a business school
- develop academic skills such as critical thinking, essay writing and research methodologies
- develop essential life skills such as confidence, public speaking, leadership and teamwork.

Quick facts

Age	15+
Language level requirements	IELTS 4.5 or equivalent
Average class size	12
Availability	**London**
	Arrival — **Departure**
	Sunday 30 June — Sunday 14 July
	Sunday 14 July — Sunday 28 July
Fees	£2,600*

*Price includes accommodation, food and airport transfers. An additional fee of £75 will apply to any journeys where services for unaccompanied minors are requested.



TIMETABLE HIGHLIGHTS

Benefit from bespoke business lessons which will serve as an introduction to the subject at a higher level on programmes such as A level or University Foundation Programme. Deepen your cultural experience of London through a range of extracurricular activities in one of the top cities in the world.

WEEK 1

Lectures

3 HOURS

- What is it like to study a Business, Finance or Economics degree at university?
- Marketing strategies and the impact of economic changes

Workshops

9 HOURS

- Introduction to using a Bloomberg Terminal
- How to plan a research project
- How to write a personal statement for university

Lessons

10 HOURS

- The external environment
- The Marketing Mix
- Management/leadership
- Stakeholders
- Business ethics

Activities

10 HOURS

- Visit the Bank of England
- Tour the Bloomberg Headquarters
- A trip to the British Museum
- A campus tour of King's College London, CASS Business School and Regent's University

WEEK 2

Lectures

2 HOURS

- Financial stability of a firm and Human resource management

Workshops

12 HOURS

- Presentation skills: How to present your research project
- What skills do you need to excel in Business?

Lessons

6 HOURS

- The importance of cash flow to a business
- Innovation strategies
- Human resource management

Activities

10 HOURS

- London City Treasure hunt
- Learn to be a city trader with a visit to the trading floor of the London Stock Exchange
- Shopping at the Westfield Centre
- Campus tour of University College London, Hult Business School and Newcastle University

Timetables are subject to change. We reserve the right to change these schedules with out prior notice

CAREERS IN LAW, BUSINESS AND FINANCE

BE CAREER-FOCUSED

Who is this programme for?

For students who wish to learn about different career options before committing to subjects at A level, International Baccalaureate or University Foundation Programme.

Gain insight into a range of challenging professions through career-specific lessons and advice from leading professionals. Engaging role plays, workshops and visits means that you will learn about the soft and hard skills needed in these demanding fields.

What will you achieve?

You will:

- better understand how to qualify for your chosen career
- gain insight into law, business and finance from industry professionals
- improve your English vocabulary for Law, Business and Finance
- gain experience of working environments by visiting local businesses
- take part in skills workshops to develop the attributes needed for success in competitive fields.

Quick facts

Age	14+	
Language level requirements	IELTS 5.0 or equivalent	
Average class size	13	
Availability	**Canterbury**	
	Arrival	**Departure**
	Sunday 30 June	Sunday 21 July
	Sunday 21 July	Sunday 4 Aug
Fees	2 weeks £2,600 3 weeks £3,600	

*Price includes accommodation, food and airport transfers. An additional fee of £75 will apply to any journeys where services for unaccompanied minors are requested.

TIMETABLE HIGHLIGHTS

Benefit from career-specific lessons which will give real insight into what it takes to succeed in law, business and finance. Learn practical knowledge through interactive workshops, attend lectures on career choices, perfect your university application and visit law institutions, financial centres and local businesses to consolidate your learning.

WEEK 1

Lectures

3 HOURS
- Careers in Law: Visit the University of Kent for a lecture at the Faculty of Law
- What does an Oxbridge student look like?

Workshops

8 HOURS
- So you want to be a...? Course induction workshop
- Academic English: How to speak like a lawyer, essential law vocabulary
- Talk the talk! Develop your debating skills in English

Lessons

11 HOURS
- Business: What role does the economy play?
- Finance: Basics of inflation
- Law: Why do we have laws?

Activities

3 HOURS
- Tour of Canterbury
- Cooking club
- Basketball tournament

WEEK 2

Lectures

2 HOURS
- Writing a personal statement: How to answer tough interview questions?
- Careers in Business: A group project to identify key skills and attributes for success

Workshops

7 HOURS
- Academic English: The language of finance
- Five ways to develop your critical thinking skills

Lessons

13 HOURS
- Business: Supply and demand
- Finance: Measuring and comparing economic performance
- Criminal law: Learn about the criminal courts and the appeal system

Activities

3 HOURS
- Visit to the Canterbury law courts to listen to a live case (subject to case content)
- Games' night

WEEK 3

Lectures

2 HOURS
- Careers in Economics: A group project to identify key skills and attributes for success

Workshops

9 HOURS
- Academic English: Use 'Ted talks' to understand business vocabulary
- University mock interviews: How to interview for law, business and finance degrees
- Brain training and memory techniques

Lessons

12 HOURS
- Business: Micro and macro economics
- Finance: The flow of income
- Sentencing in law: You be the Judge

Activities

2 HOURS
- How to run a business: Behind the scenes tour of the day-to-day running of a hotel

Timetables are subject to change. We reserve the right to change these schedules with out prior notice

CAREERS IN MEDICINE

HELPING YOU INTO HEALTHCARE

Who is this programme for?

For students who want to explore the different career options in Medicine. Learn about the huge variety of medical careers from nursing and neuroscience to psychology and physiotherapy. You will gain an understanding of university applications as well as the requirements needed for UKCAT and BMAT the medical school entrance exams.

Through workshops, visits, talks, mock interviews, role plays, and exam preparation classes you will learn what a strong application looks like. You will develop your personal action plan so that you can use this course as your springboard to a lifetime of inspiring health and wellbeing.

What will you achieve?

You will:

- develop communication, problem solving and teamwork skills by addressing a real-world challenge as part of the Science Crest Award
- gain an understanding of the different careers in Medicine from Doctor and Dentist to Vet and Optometrist
- develop practical skills and knowledge in the subjects of biology, chemistry and physics through lessons in English
- understand the requirements needed for UKCAT and BMAT medical school entrance exams through exam coaching and practice
- have a better understanding of what is required to create a competitive application to medical school.

Quick facts

Age	14+
Language level requirements	IELTS 5.0 or equivalent
Average class size	13
Availability	**Canterbury**
	Arrival — **Departure**
	Sunday 30 June — Sunday 14 July
	Sunday 14 July — Sunday 28 July
Fees	£2,600

*Price includes accommodation, food and airport transfers. An additional fee of £75 will apply to any journeys where services for unaccompanied minors are requested.

TIMETABLE HIGHLIGHTS

Get a head start on your pathway to medicine and your university application through interactive workshops, insightful lectures on career choices and a curriculum of medicine-related lessons during the two week course.

WEEK 1

Lectures

2 HOURS

- Careers in medicine: Learn about the huge variety of medical careers from nursing and neuroscience to psychology and physiotherapy

Workshops

2 HOURS

- Solving a real-word problem through a Science Crest Award activity
- How to think critically
- English for medicine: develop your medical vocabulary, grammar and practice your reading, listening, speaking and writing

Lessons

14 HOURS

- Biology: learn the secrets of genetics by exploring DNA
- Physics: The Eye in focus - structure, lenses and light
- Chemistry: an introduction to polymer synthesis

Activities

2 HOURS

- 'It shouldn't happen to a vet' film critique
- Basketball
- A tour of historical Canterbury with time for shopping

WEEK 2

Lectures

2 HOURS

- Careers in medicine: Learn about the variety of careers in medicine with a lecture from a medical professional such as a doctor or vet

Workshops

2 HOURS

- Solving problems: design and build an insulated box to protect vaccines where there is no refrigeration

Lessons

14 HOURS

- Biology: Diseases - an introduction to microbiology and immunology
- Physics: Materials and their properties
- Chemistry: A practical - measuring reaction rates

Activities

2 HOURS

- 'The doctor' film critique
- A visit to a medical school in London
- A visit to the British Museum in London with time for shopping

Timetables are subject to change. We reserve the right to change these schedules with out prior notice

UK EDUCATION TASTER PROGRAMME

BE CONFIDENT

Who is this programme for?

Experience what it's like to learn in the British education system to help you prepare for your university pathway programme - A level, International Baccalaureate or University Foundation Programme.

What will you achieve?

You will:

- better understand the UK education system
- experience a wide range of subjects to help you make the right subject choice
- improve your critical thinking skills
- be introduced to the UK university application process
- visit some of the most prestigious UK universities
- have more knowledge of routes to university in the UK.

Quick facts

Age	14+	
Language level requirements	IELTS 5.0 or equivalent	
Average class size	12	
Availability	**Canterbury**	
	Arrival	**Departure**
	Sunday 30 June	Sunday 21 July
	Sunday 21 July	Sunday 4 Aug
Fees	2 weeks £2,600	
	3 weeks £3,600	

*Price includes accommodation, food and airport transfers. An additional fee of £75 will apply to any journeys where services for unaccompanied minors are requested.

TIMETABLE HIGHLIGHTS

You will get an introduction the the UK education system through a variety of practical lessons in a range of subjects. You will also take part in after school and weekend excursions to get a taster of English culture.

WEEK 1

Lectures

2 HOURS
- How to choose the right course: Differences between A level, International Baccalaureate and University Foundation Programme

Workshops

4 HOURS
- How to think critically
- What do you need to do to progress to a UK university?
- How to write a personal statement

Lessons

15 HOURS
- Business & Tourism: Enterprise, capital and labour
- Chemistry
- Art
- Law: Learn about the UK criminal justice system

Activities

4 HOURS
- River punting in Cambridge
- A trip to the cinema
- Basketball tournament

WEEK 2

Lectures

2 HOURS
- What makes Britain British? Explore the UK through history and culture

Workshops

4 HOURS
- Preparing for the Oxbridge interview
- Drama in practice: Improve your confidence and use your voice

Lessons

15 HOURS
- Media Studies
- Maths
- English Literature
- Physics: Learn about heat, light, sound and electricity through experiments and investigations

Activities

4 HOURS
- A walking tour in Oxford
- Volleyball tournament

WEEK 3

Lectures

2 HOURS
- Theory of Knowledge: Preparing for the International Baccalaureate

Workshops

4 HOURS
- How to train your brain to work smarter
- An introduction to UCAS - the universities and colleges admissions service
- Mock interviews

Lessons

15 HOURS
- Sociology
- Law
- Psychology: Study the human mind and how we behave

Activities

4 HOURS
- A trip to London
- Horseriding

Timetables are subject to change. We reserve the right to change these schedules with out prior notice

OXBRIDGE PREPARATION PROGRAMME

BE READY FOR YOUR INTERVIEW

Who is this programme for?

For students aspiring to study at the prestigious universities of Oxford, Cambridge and other top UK universities, this course will bring clarity to your thinking and writing skills.

You will visit Oxford, Cambridge and universities in London and have lectures with academics from The University of Cambridge as well as other prestigious colleges to help you prepare your application.

What will you achieve?

You will:

- have a better understanding of what life is like as an Oxbridge student
- complete an independent research project and demonstrate your interest for a particular subject - something that is required in an Oxbridge interview
- write a personal statement
- have Oxbridge interview practice with advice on how to improve your performance
- enjoy lectures from Cambridge academics and admissions officers.

Quick facts

Age	15+
Language level requirements	IELTS 5.5 or equivalent
Average class size	15
Availability	**Cambridge**
	Arrival — **Departure**
	Sunday 23 June — Sunday 14 July
	Sunday 30 June — Sunday 21 July
Fees	£3,600

*Price includes accommodation, food and airport transfers. An additional fee of £75 will apply to any journeys where services for unaccompanied minors are requested.

TIMETABLE HIGHLIGHTS

On the Oxbridge Preparation Programme, you will gain insight into what it takes to progress to a world-ranked university. The course combines interactive workshops, lectures from Oxbridge academics and trips around the UK to inspire and inform your university application.

WEEK 1

Lectures

12 HOURS
- What is it like studying medicine at the University of Cambridge?
- Economics and the London School of Economics

Workshops

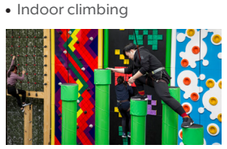
4 HOURS
- How to apply to an Oxbridge university
- Improving your research skills

Lessons

7 HOURS
- Introduction to developing your independent research project
- Boost your English skills

Activities

7 HOURS
- Visit the University of Oxford colleges
- A trip to the cinema
- Indoor climbing



WEEK 2

Lectures

7 HOURS
- Study History of Art: From Baroque to Banksy
- Study Chemistry: How to think like a scientist

Workshops

6 HOURS
- How to write a personal statement for your Oxbridge application

Lessons

2 HOURS
- Develop your independent research project

Activities

15 HOURS
- Visit the University of Cambridge colleges
- Imperial College London tour
- Visit the V&A Museum in London

WEEK 3

Lectures

6 HOURS
- Studying Politics at Cambridge
- Study Modern Languages: Gain a global perspective

Workshops

7 HOURS
- 'Interviews at Oxbridge' by a professor from the University of Cambridge
- Oxbridge interview practice

Lessons

10 HOURS
- Present your independent research project
- How to think critically
- 'Maths Masterclass' by a Durham University alumni

Activities

7 HOURS
- A trip to Grantchester Meadows
- Punting on the River Cam
- Outdoor theatre show
- Shopping

Timetables are subject to change. We reserve the right to change these schedules with out prior notice

STEM PROGRAMME
SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

Who is this programme for?

For students who are interested in how science, technology, engineering and mathematics can be used creatively to solve problems.

Take part in coding challenges, robot building and team science competitions. Work with professionals in teams and individually to develop the skills you need to be a world class STEM professional.

What will you achieve?

You will:
- understand how STEM subjects solve real-life problems
- develop practical skills in and outside of the lab
- demonstrate your skills in a supportive environment
- improve your ability to work as part of a team.

Quick facts

Age	15+	
Language level requirements	IELTS 5.0 or equivalent	
Average class size	15	
Availability	**Cambridge**	
	Arrival	**Departure**
	Sunday 30 June	Sunday 14 July
	Sunday 14 July	Sunday 28 July
Fees	£2,600	

*Price includes accommodation, food and airport transfers. An additional fee of £75 will apply to any journeys where services for unaccompanied minors are requested.

TIMETABLE HIGHLIGHTS

Through a creative and fun series of STEM projects you will gain a good understanding of how science, technology, engineering and mathematics can be applied to solve real-life problems. You will also take part in after school and weekend excursions to experience the local area and have fun.

WEEK 1

Lectures
1 HOURS
- The Arctic Experience: Based on Antarctic collections held by the Polar Museum at the University of Cambridge. You will learn about the history of exploration and science of the Antarctic

Workshops
6 HOURS
- Combustion: Practical activities exploring energy from combustive fuels
- Power: Practical activities exploring energy generation in space and even on planets
- Rockets: Build your own model rocket for launch

Lessons
15 HOURS
- Use LEGO robotics to build, code, and adapt a robot to complete a series of challenges
- Coding: Learn about codes, ciphers and how to make and break them

Activities
4 HOURS
- Visit the National Space Academy: Take a physics masterclass filled with interactive demonstrations and practical activities
- Bowling
- Karaoke

WEEK 2

Lectures
1 HOURS
- Space travel: Learn about the 'Space Race' and develop an idea of some of the political, scientific, and historical decisions made to enable humanity to reach for the stars

Workshops
6 HOURS
- Chemical Energy: Investigate chemical reactions, testing a variety of different chemicals
- Xenobiology: Put yourselves in the shoes of a biologist sent to another planet to investigate alien life forms
- Material Science: Learn about mechanics and materials and how they apply in the construction of space shuttles

Lessons
6 HOURS
- Raspberry Pi: Build and use a Raspberry Pi system to generate computer code to complete a variety of tasks

Activities
12 HOURS
- Computer History Museum: Much more than a museum this experience involves hands-on exhibitions, educational workshops and a wide range of activities and events
- Visit the Royal Observatory in Greenwich, the iconic historic sailing ship Cutty Sark and the National Maritime Museum

Timetables are subject to change. We reserve the right to change these schedules with out prior notice

IVY LEAGUE PROGRAM

BE EXCELLENT

Who is this programme for?

Explore top university or college options while studying in Boston – America's most academic city. Attend classes in English language development, learn the approach of the SAT and ACT examinations and familiarise yourself with the skills you need to achieve top marks. On this course you will take SAT and ACT practice tests, complemented by workshops on preparing for American college admissions.

What will you achieve?

You will:

- understand the format of the SAT and ACT examinations
- practise your English
- make friends from all over the world
- learn strategies to be your best in the exams
- sit practice exams.

Quick facts

Age	15+	
Language level requirements	TOEFL 70 or equivalent	
Average class size	12	
Availability	**Boston**	
	Arrival	**Departure**
	Sunday 7 July	Sunday 21 July
	Sunday 21 July	Sunday 4 Aug
Fees	$4,150	

*Price includes accommodation, food and airport transfers. Additional fees of $50 upon arrival and $100 upon departure will apply to requests for unaccompanied minor services.

TIMETABLE HIGHLIGHTS

On the Ivy League Program, you will gain insight into what it takes to progress to a world-ranked university in the US. You will prepare for SAT and ACT, the US university entrance exams, and enjoy visits to colleges in the Boston area such as MIT and Harvard giving you the ultimate Ivy League experience.

WEEK 1

Lectures

2 HOURS

- Study skills: Learn how a positive mental attitude will help you study better

Workshops

8 HOURS

- How to write your best college personal essay
- How to prepare for a college interview
- Obtaining good teacher recommendations

Lessons

7 HOURS

- SAT words warm-up
- SAT writing and language test
- ACT English test

Activities

9 HOURS

- A visit to MIT
- Harvard campus tour
- Speed friendship

WEEK 2

Lectures

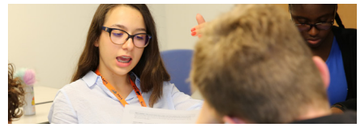
2 HOURS

- Differences between SAT and ACT

Workshops

8 HOURS

- What makes a good college essay topic
- How to choose a college right for you
- What are colleges looking for?



Lessons

7 HOURS

- Intensive reading drills
- ACT reading strategies
- ACT grammar practice

Activities

9 HOURS

- Museum of Science
- Boston College tour
- Cape Cod and Provincetown
- Trivia night
- Basketball and volleyball

Timetables are subject to change. We reserve the right to change these schedules with out prior notice.

STEM PROGRAM
BE INNOVATIVE

Who is this programme for?

Explore ideas, experiment with materials, and build your own devices in the CATS Innovation Lab on campus.

At CATS Academy, the city of Boston will be an extension of your classroom. You will meet local artisans, engineers, scientists and entrepreneurs to enhance your learning. This program will inspire you to apply your knowledge of Science, Technology, Engineering and Math.

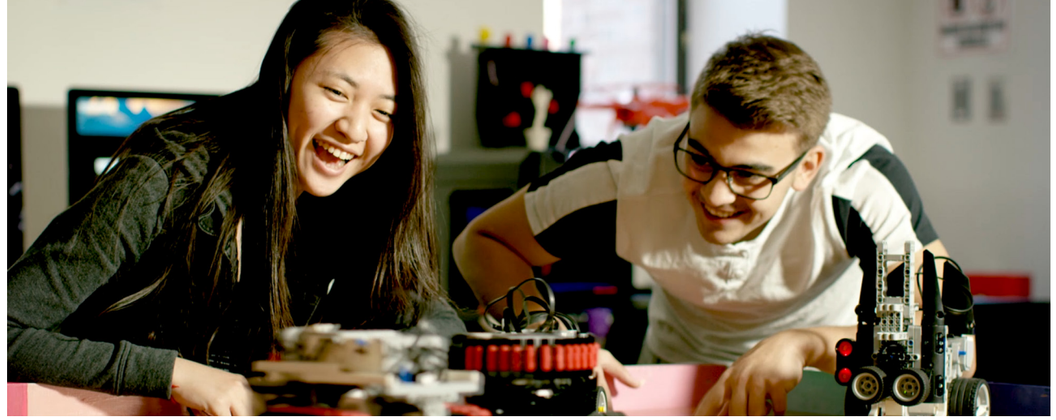
What will you achieve?

You will:
- learn how science, technology, engineering and mathematics work in the real world
- build teamwork and project management skills
- learn how to build and program electronics and apply your knowledge by completing a Wearable Technology project
- learn how to use open-source technology to develop and practise coding skills.

Quick facts

Age	13+
Language level requirements	TOEFL 70 or equivalent
Average class size	15
Availability	**Boston** **Arrival** — **Departure** Sunday 7 July — Sunday 21 July Sunday 21 July — Sunday 4 Aug
Fees	$4,150

*Price includes accommodation, food and airport transfers. Additional fees of $50 upon arrival and $100 upon departure will apply to requests for unaccompanied minor services.



TIMETABLE HIGHLIGHTS

Get a taste of STEM education in the United States. Enjoy a range of creative projects to solve real-life problems such as Do-It-Yourself Electronics, Wearable Technology, and the study of Projectile Motion.

WEEK 1

Workshops
16 HOURS
- Electronics: Learn how to design and create a prototype of a programmable robot
- Combustible rocket: Build your own model rocket for launch
- Fashion and Technology: Learn about conductible material and design a piece of wearable technology
- Critical thinking: Work in a group to research a global issue, past topics have included 'the death of the coral reef' or 'how do we save our seas from over fishing'

Lessons
4 HOURS
- Open-source technology: Learn how to code and program commands

Activities
10 HOURS
- Harvard campus tour
- A trip to the Museum of science
- Carnobie Lake theme park

WEEK 2

Workshops
16 HOURS
- Electronics: Learn how to test and evaluate using robots, sensors and programming techniques
- Recycled rocket: Design and create a prototype rocket out of reclaimed materials
- Fashion and Technology: Turn your designs into reality and make a hat, scarf or gloves with an electronic twist
- Critical thinking: Develop, present and discuss your research project

Lessons
4 HOURS
- Infinites in mathematics: Work through mind-blowing concepts about mathematical paradoxes

Activities
10 HOURS
- Tour of the Oceanographic Institute and Marine Biological Laboratory
- Tour of the Science Aquarium in Boston
- Tour of the University of Rhode Island

Timetables are subject to change. We reserve the right to change these schedules with out prior notice

APPLYING TO CATS

Visit **www.catseducation.com** and download the summer programmes application form and terms and conditions

CATS is part of Cambridge Education Group

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United Kingdom

Contact our Admission Team
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E: admissions@catseducation.com
www.catseducation.com/summer2019

www.facebook.com/CATSeducation
www.instagram.com/catseducation
www.youtube.com/user/cambridgeeducationgr

Information in this brochure is correct at time of print in October 2018. CATS reserves the right to alter, reschedule or close courses which do not remain viable; students will be informed.

*Terms and conditions apply.