CTY IRELAND
3-Week Summer Academic Programme

Session 1: 25th June – 14th July, 2017
Session 2: 16th July – 4th August, 2017

For 12-17 year olds with exceptional academic ability
Dublin City University is Ireland’s youngest university. Just 30 years old in November 2010, it currently has a student population of over 11,000, including 2600 postgraduate students, of which more than 750 are research postgraduate students. Moreover, DCU is global in its focus and has a very international campus profile with close to 2000 students from 115 countries outside Ireland.

DCU has the highest research income per faculty member of any Irish university and is committed to continuing its vigorous contribution to the development of Ireland as a globalised knowledge society.

In 1992, the Irish Centre for Talented Youth (CTYI) was established at DCU to meet a long-felt need by providing recognition, encouragement and challenge for academically talented students and guidance for their parents and teachers. CTYI has had the invaluable advice and assistance of the highly successful Johns Hopkins University Center for Talented Youth in the early stages of planning and in continued support over the years. We share the same educational philosophy and the same commitment to nurturing and challenging academically talented young people and assisting them to fulfill their intellectual potential.

CTYI is one of the jewels in DCU’s crown. It has a long record of stimulating and exciting talented students. Beyond that, it is also a place where many lasting friendships begin!

President
Dublin City University

Professor Brian MacCraith

Dr. Colm O’Reilly

Director

In 2017, we celebrate our 24th annual summer programme. In that period over 20,000 students from both Ireland and overseas have participated in CTYI Programmes. I would like to welcome any new students to DCU this summer and I also look forward to reconnec-

The social side of the programme and the friendships made can be a life changing experience. The sta-

Our academic standards are high and we will require commitment and self discipline from you. You will have the opportunity to study advanced courses at a pace suited to your learning ability and to develop good study skills. You will also experience university life on a daily basis. However as anyone who has ever been on this programme will tell you, CTYI is definitely not all about academia.

The great thing about CTYI is that there is something for everyone. Just take a look at the exciting courses that we have on offer this year. It’s a diverse mix of topical subjects that reflects the wide interests of our demographic.

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Session I (25th June - 14th July)

Humanities
- Behavioural Psychology
- Clinical Psychology
- Computer Gaming
- Film Studies
- Game Theory
- International Relations
- Japanese Language & Culture
- Law
- Marine Biology
- Medicine
- Novel Writing

Sciences
- Behavioural Psychology
- Biomedical Engineering
- Clinical Psychology
- Computer Gaming
- Game Theory
- Marine Biology
- Maths Experience
- Medicine

Session II (16th July - 4th August)

Humanities
- Animal Psychology
- App Design & Development
- Behavioural Psychology
- Biotechnology
- Computer Animation
- Criminology
- Gothic Studies
- Law
- Medicine
- Neuroscience
- Philosophy
- Robotics
- Sci Fi & Fantasy Writing

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- Animal Psychology
- App Design & Development
- Behavioural Psychology
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- Computer Animation
- Marine Biology
- Medicine
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- Robotics
- Theoretical Physics

Summer Courses 2017

Humanities - Courses available to high scorers in Critical Reading and/or Writing Skills.

Sciences - Courses available to high scores in Mathematical Reasoning.

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- Theoretical Physics
Eligibility, Course Structure, Choices & Allocation

Designed to be intellectually stimulating, courses at CTYI are fast paced and cover material in more depth and at greater levels of complexity than is usual at post primary school. Over 25 courses are on offer, many of which deal with topics not normally encountered in post primary school. Textbooks and handouts, where required, will be prescribed on arrival. These are included in the course fees.

Eligibility

Eligibility for participation in the courses listed in this catalogue is based upon SAT, PSAT, ACT or SCAT tests scores, and the student’s age at the time the test was taken. Applicants should consult the accompanying eligibility tables. CTYI students are generally between 12 and 17 years old. They qualify for CTYI courses by taking the PSAT / SCAT through CTYI’s Talent Search or by taking the PSAT or SAT independently at any age. Those whose first scores do not qualify them for CTYI courses often take the PSAT again at a later date and may establish their eligibility for courses in subsequent years. Students need qualify for CTYI Academic Programmes only once: they remain eligible regardless of which year they choose to reapply. Some CTYI students retake the SAT/PSAT each year in order to keep track of how their mathematical and verbal reasoning abilities are growing. Students who score on the 95th percentile on a recent educational psychologist report are also eligible to participate in CTYI programmes. This report must be submitted to CTYI before registration.

Course Structure

Students take one subject, which they study intensively for approximately 100 hours over the 3 weeks. Class sizes are small with 18-20 students. Overall, the student to staff ratio is approximately 5 to 1. Classes have an instructor, a teaching assistant (and a residential assistant). CTYI staff are chosen on the basis of mastery of the subject, enthusiasm and good communication skills. Homework will be assigned and this will take about two hours per day to complete. Written evaluations of academic performance will be posted to each student six weeks after the end of the course.

Course Choices

Students should think very carefully about their course choices, listing only those courses which they will accept if they do not receive their first choice. The more flexible students can be, the greater their chances of being assigned to a course. Students are assigned to courses on a first-come, first-served basis although we do encourage students to apply as early as possible as this gives our office more processing time. Applications should be received by 31st March 2017. Please note, students are assigned courses on a first-come, first-served basis.

Course Allocation

Course assignment packs will be posted as soon as possible after 15th April to students who have been allocated places. Students who have not been offered places may choose to have their deposit returned or apply for any places which have not been taken up. (Please note that refund requests must be made in writing). CTYI reserves the right to cancel or alter any course if, due to unforeseen circumstances the course cannot be run economically or efficiently.

Students who pay full fees by 27th January 2017 will receive €100 discount off their total fees.

Note to Returning Students

Enrolment is limited in many of the courses. Please do not assume that because you have participated in CTYI previously, you will receive your first choice. It is very important for you to list alternatives.

One Session, One programme

Please note, students may only attend one session on the CTYI summer programme. (CTYI students are not permitted to do the CAT programme, due to the large number of students.

Course Descriptions

Animal Psychology

Session 2

The better we understand our domestic pets and captive animals, the better standard of care we can provide for them. How animals experience the world is quite different from humans. By delving into the psychology behind their behaviour, reactions and natural instincts we can ensure that we have the best relationship with them and provide the highest standard of welfare for them. The course will explore the theory behind animal learning, how this theory is applied during animal training, behavioural ecology, the application of science in studying animal behaviour and the effect of domestication on animal behaviour. Students will learn the theory behind the training of dogs, cats and horses. They will also gain an insight into evolution, domestication and the how behaviours develop naturally. The course will culminate with an investigation into animal behaviour research during which the students will have an opportunity to ask questions about animal behaviour and apply techniques in the field to help answer those questions.

App Design & Development

Session 2

Once upon a time you needed a desktop PC to run an application, but nowadays the humble app is big business and can be found on phones, tablets, even televisions. Makers of these devices usually provide access to all the software you need to develop your own “killer app” and this course aims to provide students with the tools to do just that. This fast paced course aims to give students a well-rounded understanding of what is required to make both functional and user-friendly apps for Android and iOS devices. Starting with the MIT App Inventor software, students will rapidly develop several generic applications and following a crash course in user interface design will then be challenged to design and build apps of their own. The course will also include case studies, best practices in development and building apps in, and for, web browsers. Can’t tell your API from your SDK? Don’t worry, the whole course will be taught from first principles!

Behavioural Psychology

Session 1 & 2

This domain of psychology is based upon the concept that behaviours can be explained through observation, and that individuals behave according to their environment. It contends that our actions are a response to stimuli. This course will bring into sharp focus the environmental component of the nature: nurture discussion. Assuming that each of us is born with a blank canvas, it will seek to better understand the impact of different life experiences and environmental factors. Students can expect to learn about the work of S. Wer, Pavlov, Thordike, Erikson, and Bandura. With a myriad of fascinating topics, including, fight or flight syndrome, overcoming fears, conformity, aversion and altruism, students on this course will sit back, observe and develop their own conclusions as to why human behaviour is as it is. This will be a highly interactive course, with a strong research component.

Biomedical Engineering

Session 3

Bioengineers work at the forefront of medical technology. This includes medical device development and stem cell research leading to pioneering treatments and cures for many illnesses. The profession offers a whole host of career opportunities for the benefit of the health of all mankind. This includes devices for treating many medical conditions and technologies to re-enable those with life changing disabilities to have a better future.

In this course you will experience the wide variety of bioengineering fields, including those relating to the mechanics and electronics of the human body as well as the technologies used to augment and investigate it. Students will have the chance to learn engineering theories and practices from the instructor, try their hand at engineering during practical work and debate and discuss the ethical implications of bioengineering advancements. This is a fantastic course for students with an interest in engineering, technology and medicine, exposing you to the frontier of technological advances that are improving healthcare.
theoretical perspectives which attempt to offer a scientific study of ‘crime’ and the ‘criminal’, from classical to contemporary. The course will investigate how animals and plants are cloned and why and how the fields of pharmaceuticals, medicine, food and agricultural have all advanced using this form of biological engineering. Famous case studies, such as Dolly the sheep, and the controversy behind Monsanto’s genetically modified fertilizers, will be discussed. The ethical dilemmas of using biotechnology, especially in the case of human and animal cloning, and also in genetically ‘designing’ babies to have particular traits, will be debated. The course will also have a strong practical element with students carrying out related experiments in a biology laboratory, including: amplifying DNA using polymerase chain reaction (PCR); growing microorganisms; extracting DNA; microscope work and more. Visits by guest speakers and project work will also be included.

Clinical Psychology

Session 1
This course discusses the application of psychological theories, models and research to a range of problems. Clinical psychologists provide a variety of services including assessment, therapy, and consultancy services. This course will explore the changing role of clinical psychologists due to new technologies and constantly developing therapeutic approaches. Students will learn about the development and principles of psychological therapies over the 20th century, including psychoanalysis, existential psychology, behavioural psychology, and cognitive psychology. Particular focus will be given to current issues facing psychologists today: understanding mental health; reducing mental health stigma, promoting psychological well-being and conducting ethical research and practice. New advances in research around positive psychology, mindfulness and meditation will also be considered. This course emphasises class participation and debate. Students will have the opportunity to develop and deliver a presentation on a well-researched topic upon completion of this course.

Computer Gaming

Session 1
This course is an introduction to computer game design and programming. Programming will be done with the popular and user friendly Game Maker program. By investigating the history of computer gaming, and through modelling of retro games, each student will build up their knowledge of good game design. Exercises on the programming of different types of games (puzzle, platform) coupled with tutorials on coordinate geometry, animation, logic and good programming technique will equip students with all the tools needed to complete an individual game design project. The course will also take a look at the consistently growing computer gaming industry. With advancing technologies like motion detection, new applications such as health and fitness, and a huge online target market, the gaming culture is changing. These changes and their positive and negative social implications will be analysed during the course.

Biotechnology

Session 2
Biotechnology is the fascinating study of how living organisms can be manipulated to improve many areas of society. This course will investigate how animals and plants are cloned and why and how the fields of pharmaceuticals, medicine, food and agricultural have all advanced using this form of biological engineering. Famous case studies, such as Dolly the sheep, and the controversy behind Monsanto’s genetically modified fertilizers, will be discussed. The ethical dilemmas of using biotechnology, especially in the case of human and animal cloning, and also in genetically ‘designing’ babies to have particular traits, will be debated. The course will also have a strong practical element with students carrying out related experiments in a biology laboratory, including: amplifying DNA using polymerase chain reaction (PCR); growing microorganisms; extracting DNA; microscope work and more. Visits by guest speakers and project work will also be included.

Film Studies

Session 1
This course is designed to introduce students to the language of cinema. It explores a wide range of subjects including how film scripts work, the uses of cinematography, editing and special effects, what a national cinema is, the history of the motion picture, the development of different genres of film, how audiences make meaning from films, and more. The course is designed to give students a theoretical grounding in the issues that make film such an important part of our cultural lives, and to help them to develop a greater critical awareness of how the cinema speaks to us. Please note: this is a theoretical, not practical, film studies course.

Game Theory

Session 1
Game theory is the study of strategic interactions. This course is about asking what happens when people or things with different incentives or motivations interact against each other to achieve their own best outcome. It has become the underpinning of evolutionary theory, economics, business processes, international relations, and is the subject of major motion pictures, like ‘A Beautiful Mind’. In this course we will discover the laws underpinning every game and study specific examples of different types of games taken using examples from literature, the movies, board games, economics, molecular biology, international politics, government studies, dating, game shows, go, and connection mechanisms in cars and the songs of the Dunes in the Sahel. Students will learn to develop their own games and study the development of others. No mathematical knowledge is needed to take the course as all concepts will be developed as we go in a fun and intuitive way, focusing on the ideas and their implications rather than the technical aspects of the theory. Students who care about understanding their world should enjoy this course.

Computer Animation

Session 2
Computer animation is everywhere - from your favourite films and TV shows to games and modern art. The Irish animation industry is booming. Animation is bigger, more advanced and more popular than ever and the medium is changing and growing rapidly. This course aims to equip students with knowledge of the various theories, methods and techniques involved in computer animation. Students will gain a solid understanding of film and animation history and theory - from optical illusions and early animation to character design, camera angles and lighting. This theory will be put into context and practiced as students gain practical, hands-on experience with computer-aided design, modelling and animation using cutting-edge software.

Criminology

Session 2
What is crime? Who commits crime? Why do people commit crime? How is crime dealt with? Criminology is the scientific study of the nature, extent, causes, and control of criminal behaviour in both the individual and in society. This course will delve into many areas in an attempt to explain crime and criminal behaviour. The course will start by assessing the different theoretical perspectives which attempt to offer a scientific study of ‘crime’ and the ‘criminal’, from classical to contemporary. theories. We then take a more practical approach, reviewing topical criminal justice issues in Ireland and elsewhere such as crime rates, media and crime, policing, poverty and sentencing policies. We conclude with an overview of studies in penology and penalty, theories of the prison and of alternatives to imprisonment. There is also normally the option to visit the Four Courts and Mountjoy Prison

Gothic Studies

Session 2
This course will examine what exactly it means when something is described as “Gothic” by looking at all areas that rejoice in the name, including sub-culture, film, fashion, literature, and music. Starting with the invention of literary gothic in the 19th century then moving into the 20th and 21st, students will examine key works of film and literature that have been labelled as Gothic. We will discuss the aesthetics style of gothic along with themes and ideas in order to define what has been meant by the term both today and in the past. Though introduction of theoretical ideas taken from film and literary criticism students will develop their own powers of analysis and deepen their understanding of the gothic. We will also look at the ‘cultural gothic’ and those called ‘Goths’ though various decades and explore their relationship to the literary and film gothic. By the end of this course students will have been given a chance to express and explore there understand of the gothic through presentations, academic writing and creative exercise were they meet, shadow and embrace the other.

International Relations

Session 1
‘If women ruled the world there would be no wars, just a bunch of angry countries not talking to each other.’ – Chris Rock
Is it that easy to describe international relations, especially from a gender perspective? This is going to be one of the many questions this course aims to answer! The world of the early 21st century is a global community of nations, all of which coexist in some measure of political and economic inter dependence. This area of knowledge touches upon a variety of subjects, such as political science, law, economy, sociology, philosophy, and other social sciences. With the use of modern techniques, such as videos, role plays, short stories and movies, this multi-faceted and galvanizing course will help to craft and restore certain mechanisms in cars and the songs of the Dunes in the Sahel. Students will learn to develop their own games and study the development of others. No mathematical knowledge is needed to take the course as all concepts will be developed as we go in a fun and intuitive way, focusing on the ideas and their implications rather than the technical aspects of the theory. Students who care about understanding their world should enjoy this course.

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Absolutely no prior knowledge of maths is assumed or required. Consider some fascinating applications of maths, including black holes, the maths of games, climate change and weather, weirder and stranger extensions of modern mathematics into areas like topology, logic and game theory. Along the way, we’ll of maths. We’ll investigate fundamental subjects such as number theory, geometry, algebra, and calculus, as well as the weirder and stranger extensions of modern mathematics into areas like topology, logic and game theory. Along the way, we’ll consider some fascinating applications of maths, including black holes, the maths of games, climate change and weather, prediction and chaos theory. Students will have the chance to explore a topic they find fascinating through a project. Absolutely no prior knowledge of maths is assumed or required.
### Robotics

**Session 2**

These ARE the droids you are looking for! Robotics is a field where science fiction and science fact collide. In 2013 there wereover 10 million robots in the world, mostly industrial robots toiling away in relative obscurity, hidden from the humans that depend on them. In the future - with better batteries, computing power and 3D printing driving innovation ever forward - robots will be far more prominent in our lives. Service robots will perform household chores, look after food preparation and make deliveries. Perhaps someday robots will look after the sick and elderly or even be used to guard prisoners. This course will introduce you to the mechanical and electronic design skills needed to physically build and test your own robots as well as providing coding challenges to add artificial intelligence to our creations. You can also expect plenty of thought provoking discussion and debate about the challenges and opportunities facing robotists in the years ahead.

### Sci Fi Fantasy Writing

**Session 2**

Fantasy and science fiction are arguably the most imaginative and inventive types of writing, inviting readers to consider alternative worlds and societies. Fantasy envisions magical realms and supernatural creatures, dispensing with the ordinary laws of the universe. Science fiction, on the other hand, combines the imagination of fantasy with the knowledge of science, asking us to speculate about future discoveries and developments in science and technology. In this writing course, we will look to the past in exploring the origins of fantasy through mythology, folklore and history, but also to the future in examining the inventions and experiments of science fiction such as space exploration, time travel, aliens, robots and genetic engineering. We will learn the tricks of the trade by considering the literary works of speculative masters, such as H.G. Wells, J.R.R. Tolkien, Ray Bradbury, Ursula Le Guin and Neil Gaiman. Yet, we will also expand our studies to modern film and anime, garnering inspiration from the worlds of Star Wars and Studio Ghibli. We will develop our own wondrous worlds, from utopian planets to dystopian futures, our own curious characters, from mad scientists to bizarre beasts, and finally, our own wild adventures, from cosmic battles to heroic quests. Drawing on literature, science, sociology and philosophy, we will have one central question throughout this writing course - What If...?

### Theoretical Physics

**Session 2**

Have you ever wondered how the universe came to be? What are we all made of? What lies at the centre of a black hole? These are but a few of the questions that theoretical physicists all over the globe are trying to solve. Theoretical physics is a field that inspires creativity and critical thinking, it is about venturing out into the unknown, asking questions about nature that nobody knows the answer to and attempting to answer these questions. Students will be given a glimpse into the past of some of the most famous theoretical physicists such as Albert Einstein and Stephen Hawking in order to see what inspired the formation of some of the most beautiful theories that explain our universe. They will be given an introduction to existing theories such as Quantum Mechanics and the Theory of Relativity, then given the opportunity to figure out the answers to some mind bending questions about the laws of nature. Examples include: Is Schrodinger’s cat alive or dead? How much empty space are humans made of? And how does travelling at high enough speed cause you to get heavier? Students will also get the chance to discuss and theorise about current topics such as dark matter, parallel universes and time travel!

### Eligibility for CTY Ireland Academic Programmes

The SAT and PSSS are the testing instruments used in the identification of high academic ability. CTY will also accept other similar test scores, such as the ACT and SCAT.

Students who have been assessed by an educational psychologist may submit this report for evaluation, in lieu of the SAT, PSAT & PSSS or equivalent assessment.

Students who participate in the 2017 Talent Search will receive a different eligibility sheet as a new test is being introduced this year. Please contact CTYI for details.

**SAT ELIGIBILITY CHART**

<table>
<thead>
<tr>
<th>Age taking the SAT</th>
<th>HUMANITIES SAT V</th>
<th>SCIENCES SAT M</th>
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<tbody>
<tr>
<td>up to 13 yrs. 6 mo</td>
<td>510</td>
<td>530</td>
</tr>
<tr>
<td>13 yrs. 6 mo. to 14 yrs. 0 mo</td>
<td>530</td>
<td>540</td>
</tr>
<tr>
<td>14 yrs. 0 mo. to 14 yrs. 6 mo.</td>
<td>560</td>
<td>570</td>
</tr>
<tr>
<td>14 yrs. 6 mo. to 15 yrs. 0 mo.</td>
<td>580</td>
<td>580</td>
</tr>
<tr>
<td>15 yrs. 0 mo. to 15 yrs. 6 mo.</td>
<td>610</td>
<td>600</td>
</tr>
<tr>
<td>15 yrs. 6 mo. to 16 yrs. 0 mo.</td>
<td>620</td>
<td>620</td>
</tr>
<tr>
<td>16 yrs. 0 mo. to 16 yrs. 6 mo.</td>
<td>650</td>
<td>650</td>
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**PSAT/PSSS ELIGIBILITY CHART**

<table>
<thead>
<tr>
<th>Age taking the test</th>
<th>HUMANITIES Critical Reading</th>
<th>HUMANITIES Writing Skills</th>
<th>SCIENCES Math</th>
</tr>
</thead>
<tbody>
<tr>
<td>up to 13 yrs. 6 mo.</td>
<td>51</td>
<td>51</td>
<td>53</td>
</tr>
<tr>
<td>13 yrs. 6 mo. to 14 yrs. 0 mo</td>
<td>53</td>
<td>53</td>
<td>54</td>
</tr>
<tr>
<td>14 yrs. 0 mo. to 14 yrs. 6 mo.</td>
<td>56</td>
<td>56</td>
<td>57</td>
</tr>
<tr>
<td>14 yrs. 6 mo. to 15 yrs. 0 mo.</td>
<td>58</td>
<td>58</td>
<td>58</td>
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<tr>
<td>15 yrs. 0 mo. to 15 yrs. 6 mo.</td>
<td>61</td>
<td>61</td>
<td>60</td>
</tr>
<tr>
<td>15 yrs. 6 mo. to 16 yrs. 0 mo.</td>
<td>62</td>
<td>62</td>
<td>62</td>
</tr>
<tr>
<td>16 yrs. 0 mo. to 16 yrs. 6 mo.</td>
<td>65</td>
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Scholarship Opportunities

CTY Ireland are very pleased to announce that a number of organisations have very generously put forward full scholarships for students on the CTYI Summer Programme. The awards cover full tuition, accommodation and books.

One scholarship is being offered by Deloitte and is open only to students applying for places on the Law course during session 1 or 2.

One scholarship is being offered by SIG Susquehanna and is open only to students applying for places on the Game Theory course during session 1.

Two scholarships are being offered by CTY Ireland and is open only to students applying for places on any course during session 1 or session 2.

All scholarships will be awarded on the basis of merit (SAT/PSAT/SCAT) and/or need (family income). Interested students should complete and return the relevant Scholarship application form before 24th March 2017. Merit awards and scholarships will be deducted from the total balance after application fees are paid. When applying for a scholarship we can only accept payment by debit or credit card. If you receive one of these awards please enclose the award letter with your application.

Would your organisation like to provide a Scholarship to a CTYI student?

CTY Ireland run classes for over 4,000 students per annum. In 2015-2016 CTYI ran over 100 academic courses at centres nationwide. Student scholarships for courses are provided by CTYI, Deloitte and SIG. If you are interested in sponsoring a particular course or providing a scholarship for some students please get in touch with CTYI directly at 01 700 5634 or by email at ctyi@dcu.ie.

Matheson Foundation

The Centre for Talented Youth, Ireland is pleased to work in association with Matheson, Ireland’s largest law firm, on three projects: CTYI Talent Search, CTYI Summer Programme, and the Centre for Academic Achievement. The CTYI Talent Search is used to identify students to participate on the CTYI programme. Students sit a qualifying test to attend the summer programme. The CTYI Summer Programme offers students the opportunity to study college like subjects in depth over a three week period at DCU during the months of June and July. The Centre for Academic Achievement is a programme run by CTYI and the DCU Access Service which allows students from local DEIS schools to participate in courses at Dublin City University. Under this scheme students can apply directly to CTYI for fee waivers to participate in the CTYI Talent Search and CTYI programmes. CTY Ireland is working closely with Matheson to identify students who may not be able to attend CTYI due to financial constraints.
CTY Greece at Anatolia College

CTY Greece. Learn in the birthplace of knowledge!

Experience life abroad with CTY and attend a three-week summer residential program in Greece, end of June 2017.

Anatolia College in Thessaloniki, Greece, is a historic American institution founded back in 1886. The program applies to students aged 13-17 (grade 11 and below).

Courses offered:
- Probability and Game Theory
- Cryptology
- Introduction to Biomedical Sciences
- Principles of Engineering Design
- Introduction to Computer Science
- CSI @ CTY
- The Art and Science of Film Making
- Mathematical Modeling
- International Relations / Politics
- Genetics
- Philosophy
- Microeconomics
- Poetry & Fiction

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- Introduction to Biomedical Sciences
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- The Art and Science of Film Making
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- Genetics
- Philosophy
- Microeconomics
- Poetry & Fiction

(All courses are taught in English.)

CTY Greece at Anatolia College

Program cost: €1900*

Limited places available!

* Program cost includes tuition, room, board and books. Transportation cost to Greece not included.

Student Life

Approximately 250 students and 65 staff attend each session at CTYI. About 50 members of the student group are international students. Residential students live in the campus residences at Dublin City University, housed in either a two-bedroom or six-bedroom apartment. Nearly all rooms are single however from time to time we use twin rooms. Bedroom allocations are made according to class group and student age. Thus, students cannot choose their roommates.

Please note students are segregated by gender in the accommodation buildings. Thus, male students are not permitted to visit female students in their rooms and vice versa.

Residential Staff

The RAs are usually university students who stay in the Campus Residences with the students. They are assigned small groups of students (15-20), and they are responsible for the leisure and sporting activities and the out of class supervision. In general, they help students adjust to life at CTYI. They encourage a friendly and supportive atmosphere among the students and ensure that they observe the rules of the programme. They are always available to talk with students about their concerns, be they academic, social or emotional. The RAs are a bright and caring group of people with a wide range of interests and experiences.

Campus Facilities

Facilities available on campus include the library, bank, interfaith chaplaincy centre, launderette, restaurant and shops.

Unauthorised Departure

Students must not leave campus at any time except with the express permission of the Director or a senior staff member authorised for this purpose. Failure to comply with this regulation will result in immediate dismissal from the programme.

Students off campus and unsupervised by a CTYI staff member are not covered by the university insurance policy, and neither Dublin City University nor CTYI accept liability for them.

Daily Schedule

Students are in class for five hours each weekday. Class takes place between 9.00am to 3.00pm, with a short break around 11.00am, and an hour for lunch. Between 3.00pm and 6.30pm students attend recreational activities, meet their RA and have dinner. The activities are supervised by the RAs with students choosing from a wide range of options, which could include team and individual sports, board games, discussion groups, drama, reading etc. In the evening, students return to their classrooms for a two hour study period after which they have social time and meet informally with their RAs. “Lights out” is at 10.30pm.

Weekday Schedule

8.15am - Breakfast
(Residential students only)
9.00am - Class
(There is a 15-min break mid-morning).
12.00pm - Lunch
1.00pm - Class
3.00pm - Recreational Activities
5.15pm - Dinner
6.30pm - Study
8.30pm - Social time
10.40pm - Residential students go to their rooms. Commuters sign out.
10.30pm - Lights Out

A varied programme of sport and recreation has been arranged in conjunction with the academic programme. During the time they are not in class, students are supervised by Residential Assistants (RAs), and their time is highly structured.

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Weekend Schedule

Classes are not held over the weekend, and study is on Monday to Friday evenings only. There is a full schedule of events at the weekend that may include sports, shopping, sightseeing and the like. Weekend activities include special events such as discos, movies, a student Talent Show and quizzes. The weekend schedule allows time for doing laundry, writing letters, relaxing, socialising and attending religious services if so desired. All weekend activities are supervised by the residential staff.

Advice to Parents

Some students approach their first experience at CTYI with a little apprehension. We would suggest that you try to encourage your children to overcome these normal and natural apprehensions. However no matter how enthusiastic you may be about the programme, we do not recommend that you send very reluctant children to CTYI.

Being away from home especially for the first time can be difficult for some students so CTYI make every effort to create a warm and supportive environment. Many students who were homesick at first are among those most reluctant to see the programme come to an end. Students may leave the programme at weekends although we suggest that parents do not take their children away at this time as a full recreational and social programme takes place. This time is important for students to establish friendships and become fully involved in residential life.

Commuting students are strongly encouraged to take part in all weekday and weekend activities.

Medical Services

Services provided on campus will normally be limited to first aid. Students may be referred by CTYI to other health care facilities e.g. private clinics, general medical practitioners or hospitals for conditions requiring additional diagnosis and care. Parents will be notified immediately in the event of a more serious illness or injury, or it is felt that the student should see a healthcare professional.

Families are responsible for the costs of prescriptions and transport costs to and from medical centres and any health care beyond that provided free of charge on campus. Please note that these costs must be paid for immediately.

In the event that a student needs to see a healthcare professional, we encourage parents to bring them. Where not possible, CTYI will make the necessary arrangements to take the student.

Overseas Students: CTYI requires documentary evidence that a student’s medical insurance will cover his/her stay in Ireland.

What should I bring?

Specific information will be included in the acceptance pack that will be posted in May. In general your child should bring warm, comfortable clothes for class, sports and other recreational activities. As the weather in Ireland is notoriously changeable, CTYI suggests that students bring clothing which can be layered and also bring a warm, waterproof jacket or coat along with waterproof shoes for field trips and outings. (See What sort of clothes should I bring? in FAQ). They should also bring general class materials (paper, pens, pencils, notepads, dictionaries, calculators, etc.), alarm clock, towels and toiletries. No water guns, bicycles, skateboards, large equipment (TV, stereo, etc.) or time consuming games such as video or computer games are permitted. Students will not be required to bring bed linen as this will be provided. (Towels are not provided). The use of cell/mobile phones is confined to those times when students are not engaged in class or activities. (CTYI highly recommends that parents take out insurance for these items). Rules concerning their use will be explained to students on their arrival to the programme.

Computing Facilities

There are excellent computer facilities for those courses that require computers. We do not allow students to bring their laptops or tablets to CTYI as word processing facilities and internet access are available at specific times during class and study period.

Email facilities are not available in campus residences however there will be time during the programme when students can access their email.

Residential or Commuting

While we recommend that students should, where possible, attend on a residential basis, we appreciate that for a variety of reasons this may not always be possible. CTYI encourages nonresidential students to stay for evening study period and leave campus at 10pm.

Frequently Asked Questions

How many places are available on the Summer Programme?

There are approximately 600 places available, i.e. 300 on each of the sessions.

What percentage of students attend from overseas?

10% of students attend from overseas, mainly from the US however, we also have students from the Far East, the Middle East, Africa, Australia & Europe.

Are there any opportunities to visit Dublin city during the Programme?

Yes – there are normally a number of trips off-campus for example trips for shopping and sight-seeing at weekend. In a number of subjects there are also field trips which form part of the course content.

When will I receive notification of acceptance for course I applied for?

You will receive notification of acceptance as soon as possible after the application deadline (7th April 2017).

What if I withdraw from the programme before it begins?

Refunds are not generally given to students who withdraw unless in very exceptional circumstances. Requests for refunds must be given in writing to the CTYI Director and are given solely at his discretion.

Are there safe-keeping facilities available?

Students must avail of the safe-keeping facilities that will be available for passports, return plane tickets and important papers when they arrive at the site. They may pick up these items on departure day.

How much pocket money should my child bring?

We suggest that parents give their child their normal amount of pocket money that they would have at home. The only items that students may wish to buy would be soft drinks, sweets and a small number of optional off campus trips such as cinema or bowling where there is an entrance charge. Students may keep their money in a locked safe in the site office and they will be able to access it whenever they need it. There are three ATMs on campus.

What sort of clothes should I bring?

In most respects, dress at the Dublin site is the same as US sites. Students normally wear casual clothing for classes and activities and perhaps dress up a little more for discos and the closing ceremony. Please label all clothing with student’s identification details.

Temperatures in Dublin for the month of July range from 12-24 degrees Celsius. CTYI would suggest that students bring clothing which can be layered and also a heavy sweater and raincoat are recommended for cool evenings and in case of rain.

Please note that if students are wearing inappropriate clothing they will be asked to change.
What certifications are received at the end of the course?
All students who complete a CTYI course receive a CTYI certificate. In addition, students receive a written evaluation of their performance on the course six weeks after course finishes.

How are subjects chosen for syllabus?
Our principal aim is to choose subjects which are both interesting and challenging for the students. We try to find material that students would not usually have access to in school.

Typically courses in this programme (for students 12-17 years) cover first year university material. In areas such as Maths the courses may include some introductory material e.g. some algebra, which is necessary to cover in order that students can follow the core material.

How is the Airport shuttle service arranged?
If students are travelling without an adult and arriving at Dublin Airport students will be met in the arrivals hall area of Dublin Airport by a CTYI representative and will be taken to the site. A fee of €50 (one way) or €100 (round trip) will be charged for this service if required.

We insist that students should not leave the Arrivals Hall area until they have been met by the CTYI representative. Our staff will be clearly identifiable with CTYI signage or sweatshirts. We would ask students to be alert when they reach the arrivals hall and be on the lookout for our staff. We will contact parents ahead of their child’s arrival to CTYI with more details about their collection.

Should I visit my child while they are on campus?
We advise parents not to visit their child during the programme being absent from your room or campus residence between “lights out” and “morning call”.

Students should not use mobile phones or mp3 players at unauthorised times. Students may be immediately dismissed from the course for any of the following reasons (on a case by case basis): *• Bullying
• Possession or use of alcohol, drugs or a substance controlled by law
• Being off campus without specific authorisation
• Being in restricted areas of the campus (including parts of the Residential Buildings) unaccompanied by a CTYI staff member
• Violating or putting at risk the safety and well-being of any person
• Residential students being absent from your room or campus residence between “lights out” and “morning call”.

Students may be subject to dismissal from the course for any of the following reasons (on a case by case basis): **
• Punctuality (applicable to all aspects of the course)
• Stealing
• Vandalism
• Bullying
• Possession or use of tobacco or e-cigarettes
• Not attending satisfactorily to their academic work
• Abusive language in verbal or written form to students or staff member
• Inappropriate behaviour on or off campus
• Using computing facilities for purposes other than assigned course work

**For other reasons which in the opinion of the director are of a sufficiently serious nature to warrant dismissal.

General Rules
Students may not contact a staff member on any social network unless the account is registered CTYI. Students may not take a picture or video of a staff member or student without their express permission.

Students should not interact with those who are not part of the programme during their time on campus.

Students should not use mobile phones or mp3 players at unauthorised times – i.e. during class activities.

Important to Note
Students who violate programme rules are subject to the disciplinary actions outlined below. No refunds will be made to students dismissed from the programme. Students and their families will be billed for any damage they cause. No evaluation for the course will be given to a student who has been expelled.

Details on CTYI Data Protection and Equality policies can be found on our website: www.dcu.ie/CTYI.

Insurance
Students of CTYI are covered by Dublin City University’s public liability insurance policy while in the care of CTYI. This cover does not extend to students who leave campus without permission without a staff member in attendance. Previous CTYI students may not visit current students during the programme. A student who has been dismissed from the programme will no longer be the responsibility of Dublin City University or of CTYI once his or her parent/guardian or sponsor nominated by him or her for that purpose has been notified of the impending dismissal and given reasonable time to make arrangements to receive the student. It is the responsibility of the parent/guardian to ensure that he or she or substitute authorised to act on his or her behalf is contactable and available to re-cue the student in the event of dismissal. CTYI staff will assist in making travel arrangements for the dismissed student, and escort him or her to the airport or other departure point.
Application Information

Application & Fee Deadlines

Early Application Deadline Friday, 27th January 2017
Financial Aid/Scholarship Deadline Friday, 24th March 2017
Normal Application Deadline Friday, 7th April 2017
Balance of Fees Deadline Friday, 26th May 2017

Avoiding delays in the application process
Applications will not be processed unless full information is provided. An incomplete application slows down the application process and causes unnecessary confusion and delay. Please review your application carefully before posting it.

The following items cause delay in the application process:
- Missing signatures - both the student’s signature and a parent/guardian’s signature are required on the application form.
- Fees not enclosed - The application fee (which includes the €100 registration fee) is required as part of the application.
- Not eligible for the requested course - Please read the requirements for each course, particularly the SAT/PSSS minimum required scores, carefully, before making your selection.

Scholarship & Financial Aid Applications
THIS FORM MUST BE RECEIVED BY 24th MARCH 2017. SEND ALONG WITH YOUR CHILD’S APPLICATION TO:

2017 CTYI Older Student SUMMER PROGRAMME
CTY Ireland
DUBLIN CITY UNIVERSITY
DUBLIN 9
IRELAND

Requests for Receipts
If you wish to receive a receipt for payment of fees, please enclose a stamped-addressed envelope.
Receipts are only prepared when the full fees are received.

Terms & Conditions

Registration Fee: All fees include a €100 registration fee, which is non-refundable. (This fee is included in the application fee).

Late Payment Fee: A late payment fee is applicable on all accounts not paid in full by Friday, 26th May, 2017. Students will not be permitted to attend the Summer Programme until all fees have been paid.

Returned Cheques/declined Credit Cards: Returned cheques/declined credit cards are liable for a €10 fee to cover handling costs. Please note, your child’s application will be suspended until the payment has been processed.

Early Application Deadline: Applications paid in full and received before Friday, 27th January will receive a €100 reduction in fees.

Course Allocations: All communication relating to course allocations is communicated by Post. Please do not call the office, as we cannot share this information by any other means.

Fees are non-transferable.
No refunds will be made to students dismissed from the programme.
Students and their families are liable for any damage they cause to university property.

CTYI reserves the right to cancel or alter any course, if due to unforeseen circumstances the course cannot be run economically or efficiently.

Refunds
Due to the fact that accommodation and catering costs have to be paid in advance by CTYI an administrative cost will be factored in to all potential refunds.

Written requests for a refund of Application Fees received up to and including 7th April will be considered.
After this date there will be no refund of Application Fees.

Written requests for a refund of Balance of Fees received up to and including 26th May will be considered.
Application Fees will not be refunded after 7th April and the Registration Fee is non-refundable.

Refunds are only provided where a course does not take place or where a course is full.
Refunds are not given if the student withdraws from the programme having been offered a place on one of their course choices.

The €100 Registration fee is non-refundable.
Contact Us

Dr. Colm O'Reilly  Director  01 700 5634  ctyi@dcu.ie
Dr. Eleanor Healion  Academic Coordinator  01 700 8977  eleanor.healion@dcu.ie
Dr. Catriona Ledwith  Academic Coordinator  01 700 8423  catriona.ledwith@dcu.ie
Ms Orla Dunne  Residential Coordinator  01 700 7051  orla.dunne@dcu.ie
Ms Linda Murphy  Student Applications Manager  01 700 8103  Linda.Murphy@dcu.ie

General Enquiries  +353 1 700 5634  ctyi@dcu.ie

Nurturing Talent, Maximising Potential
Closing Date: 7th April 2017

Early Application Deadline: 27th January 2017

Please note, students are assigned courses on a first-come, first-served basis.

Centre for Talented Youth, Ireland
Dublin City University, Dublin 9,
www.dcu.ie/ctyi
ctyi@dcu.ie
+353 1 7005634