

# Oxford 2020

- Young Computer Programmers
- Young Creatives
- Young Engineers
- Young Executives
- Young Medics



# Oxford

## Young Professionals 2020

### Duración

**2 semanas:**

( 1 ) del martes 7 de julio al martes 21 de julio

( 2 ) del martes 21 de julio al martes 4 de agosto

### Alumnos

**80 alumnos**

( 1 ) 13 a 16 años ( 2 ) 16 a 18 años

**Mínimo nivel de inglés B1+**

**11 alumnos máximo por clase**



### Actividades de ocio ( lista orientativa )

- Basketball
- Disco
- Fencing
- Harry Potter
- Ice-Skating
- Modern Dance
- Oxford University
- Press Museum
- Talent Show
- Volleyball
- Cricket
- Dodgeball
- Football
- Walking Tour
- Karaoke
- New Theatre
- Colleges Tour
- Papier-Maché
- Punting
- Tennis
- Yoga
- Cream Tea
- Dream Catcher Making
- Handball
- Hockey
- Lacrosse
- Backstage Visit
- Oxford University
- Photography
- Swimming
- T-Shirt Painting
- Zumba
- Ashmolean & Pitt Rivers Museums

## Programa "Young Professionals"

### - 25 horas de clase cada semana

'Young Professionals' receive a variety of teaching styles, including theory lessons, practical sessions and group project work.

Students choose one subject per week, and receive a combination of classroom theory-based teaching, as well as practical sessions.

2 full-day excursions are also provided each week, including a 'study-in-action' one, to a destination related to their chosen career.

Academic hours consist of the following per week:

- 9 hours subject theory (classroom-based in the mornings)
- 6 hours subject practicals (workshop-based teaching in the afternoons)
- 7 hours group project work (subject-based)
- 3 hours elective workshops

Note: Group project is completed over two weeks, with presentations on the second-to-last night.

Subjects are most enjoyed when students have the opportunity to get out of their chairs and experience their chosen areas first-hand.

These morning and afternoon periods will allow students to truly understand their selected subjects, whether it be in the laboratory (medicine), filming advertisements (media & communications), building structures (engineering), pitching mock-business plans (business & finance) or developing a video game (computer science).

Young Computer - Programmers Computer Science	Young Creatives Media and Communication	Young Engineers Engineering	Young Executives Business and Finance	Young Medics Medicine
<p>Suitable for intermediate computer programmers, teaches students how to solve problems efficiently, think algorithmically, and learn how to develop a programming project.</p> <p>It is aimed for students interested in pursuing a career in the technology industry, those with a passion for coding as well as those looking to improve their computer skills.</p>	<p>In classroom based lessons, students explore production processes and develop a critical understanding of the media through engagement with products and concepts. In practical sessions, students work hands on with camera, lighting and sound equipment to create their own productions.</p> <p>It is aimed for students aspiring to work in the TV or film industry, those interested in the changing landscape of the media, or pursuing a career in marketing.</p>	<p>Students will gain a better understanding of the engineering industry from a commercial and individual engineer's point of view, as well as be able to apply their knowledge of its practical and technological aspects, through project based practical study of engineering design and production. It is aimed for students interested in pursuing a career in engineering including different types of engineering such as mechanical, electronic and civil. Students interested in building design and construction.</p>	<p>By the end of the course, students should be able to evaluate business behaviour from the perspective of a range of stakeholders including owner, shareholder, manager, employee, customer, supplier, lender and government.</p> <p>It is aimed for students who want to get a head start in the business world and develop their understanding of how success is built within the world of work.</p>	<p>Through classroom tuition and laboratory work, relevant to human biology and medicine, the syllabus is designed to grow student confidence and knowledge in medical studies. It is aimed for students interested in pursuing a career in medicine or a related field such as pharmacy, or have a general interest in medicine and medical biology</p>

## Sample Timetable 2020

WEEK ONE	AM	PM	EVE
Tuesday	Arrivals	Arrivals	Welcome Games and BBQ
Wednesday	English and Subject Tuition	Subject Tuition	Colour Wars
Thursday	Full day excursion to London	Full day excursion to London	Movie Night
Friday	English and Subject Tuition	Subject Tuition	The Cube
Saturday	Study-in-Action Excursion day	Study-in-Action Excursion day	Quiz night
Sunday	English and Subject Tuition	Subject Project preparation	Talent Show
Monday	English and Subject Tuition	Mixed Group Work	Presentations & Disco

## Typical Day 2020

TIME	ACTIVITY
07:15 - 08:00	Wake up
08:00 - 09:00	Breakfast
09:00 - 10:30	English lesson
10:30 - 11:00	Break
11:00 - 12:30	Subject Tuition
12:30 - 14:00	Lunch
14:00 - 15:30	Subject Tuition
15:30 - 16:00	Break
16:00 - 17:30	Subject Tuition
17:30 - 18:30	Free Time
18:30 - 19:30	Dinner
19:30 - 21:30	The Cube
22:30	Bedtime & Lights Out



### Alojamiento

En habitaciones dobles y triples. Islip House (chicas) y Hayfield o Nash House (chicos)  
Wi-Fi  
Laundry on-site



## Young Computer - Programmers

### Subject Theory:

- Resource management
- Comparing programming languages
- Data structures
- Algorithms
- Encapsulation
- Abstraction

### Practical Sessions:

- Writing code

### Group Work:

- Create a new video game

	TUE	WED	THU	FRI	SAT	SUN	MON
AM 09.00 - 13.00	Arrivals	<b>Subject theory:</b> An introduction to Computer Science	<b>Study-In-Action:</b> Excursion Day Google UK headquarters	<b>Subject theory:</b> Coding languages	<b>Full-Day Excursion:</b> London - Central London Walking Tour	<b>Subject theory:</b> Machine Learning	<b>Practical session:</b> Software testing
		<b>Subject theory:</b> Mathematical foundations		<b>Subject theory:</b> Types of logic		<b>Subject theory:</b> Game Testing	
PM 14.30 - 17.30	Arrivals	<b>Oxford:</b> Explore the city		<b>Practical session:</b> Patch (computing)		<b>Full-Day Excursion:</b> London Eye	
EVE 19.30 - 21.30	Welcome Games & BBQ	Project introduction	<b>Activity: Quiz Night</b>	Evening discovering Oxford City	<b>Activity: Movie Night</b>	Project Presentations	Graduation & Party

## Young Creatives

### Subject Theory:

- Print & audio-visual advertising
- Globalisation of media
- Market research
- Audience behaviour
- Social media influencers
- Online trends
- Marketing within the media
- Digital media genres

### Practical Sessions:

- TV production
- Storyboards

### Group Work:

- Develop and film an advertisement to market a new product

	TUE	WED	THU	FRI	SAT	SUN	MON
<b>AM</b> 09.00 - 13.00	Arrivals	<b>Subject theory:</b> The UK media industry	<b>Study-In-Action:</b> BBC Studios	<b>Subject theory:</b> Publishing and editing within the media	<b>Full-Day Excursion:</b> London - Central London Walking Tour	<b>Subject theory:</b> Online trends	<b>Practical session:</b> Storyboards
		<b>Subject theory:</b> Print & audio-visual advertising		<b>Subject theory:</b> Globalisation of media		<b>Subject theory:</b> Marketing within the media	
<b>PM</b> 14.30 - 17.30	Arrivals	<b>Oxford:</b> Explore the city		<b>Practical session:</b> Film techniques	<b>Full-Day Excursion:</b> London Eye	<b>Group Project Work:</b> Develop and film an advertisement to market a new product	<b>Skills Electives:</b> Career Focus workshop
<b>EVE</b> 19.30 - 21.30	Welcome Games & BBQ	Project introduction	<b>Activity:</b> Quiz Night	Evening discovering Oxford City	<b>Activity:</b> Movie Night	Project Presentations	Graduation & Party

## Young Engineers

### Subject Theory:

- Project planning
- Properties of different materials
- Manufacturing
- Engineering drawings
- Static structural systems
- Electro-mechanical systems
- Effect of forces
- Application of technology

### Practical Sessions:

- Hydraulic bridges
- Thermal heat coefficients

### Group Work:

- Design and build own battery-powered vehicle

	TUE	WED	THU	FRI	SAT	SUN	MON
<b>AM</b> 09.00 - 13.00	Arrivals	<b>Subject theory:</b> Disciplines within engineering	<b>Study-In-Action:</b> Excursion Day to Jaguar Land-Rover Factory	<b>Subject theory:</b> Mathematics & Engineering	<b>Full-Day Excursion:</b> London - Central London Walking Tour	<b>Subject theory:</b> Static structural systems	<b>Practical session:</b> Software testing
		<b>Subject theory:</b> Properties of different material		<b>Subject theory:</b> Effect of forces		<b>Subject theory:</b> Electro-mechanical systems	
<b>PM</b> 14.30 - 17.30	Arrivals	<b>Oxford:</b> Explore the city		<b>Practical session:</b> Hydraulic bridges	<b>Full-Day Excursion:</b> London Eye	<b>Group Project Work:</b> Design and build own battery powered vehicle	<b>Skills Electives:</b> Career Focus workshop
<b>EVE</b> 19.30 - 21.30	Welcome Games & BBQ	Project introduction	<b>Activity:</b> Quiz Night	Evening discovering Oxford City	<b>Activity:</b> Movie Night	Project Presentations	Graduation & Party

## Young Executives

### Subject Theory:

- Business structures
- Management styles & techniques
- Project management
- Operations & supply chains
- Finance & accounting
- Start-up & growth capital

### Practical Sessions:

- Case studies of companies
- Corporate social responsibility

### Group Work:

- Business plan for new product

	TUE	WED	THU	FRI	SAT	SUN	MON
<b>AM</b> 09.00 - 13.00	Arrivals	<b>Subject theory:</b> Business 101	<b>Study-In-Action:</b> Excursion Day Bank of England	<b>Subject theory:</b> Business Finance	<b>Full-Day Excursion:</b> London - Central London Walking Tour	<b>Subject theory:</b> Marketing strategy	<b>Practical session:</b> Buying, Selling & Trading
		<b>Subject theory:</b> Business structures		<b>Subject theory:</b> Operations & supply chains		<b>Subject theory:</b> Project management	
<b>PM</b> 14.30 - 17.30	Arrivals	<b>Oxford:</b> Explore the city		<b>Practical session:</b> Corporate social responsibility	<b>Full-Day Excursion:</b> London Eye	<b>Group Project Work:</b> Business plan for new product	<b>Skills Electives:</b> Career Focus workshop
<b>EVE</b> 19.30 - 21.30	Welcome Games & BBQ	Project introduction	<b>Activity:</b> Quiz Night	Evening discovering Oxford City	<b>Activity:</b> Movie Night	Project Presentations	Graduation & Party



## Young Medics

### Subject Theory:

- Cell structures
- Prokaryotic and eukaryotic cells
- Viruses
- Infectious diseases
- Enzyme functions
- DNA replication
- Anatomical dissections
- Medical technology

### Practical Sessions:

- Laboratory experiments
- Dissection

### Group Work:

- Research on global epidemics

	TUE	WED	THU	FRI	SAT	SUN	MON
<b>AM</b> 09.00 - 13.00	Arrivals	<b>Subject theory:</b> Medical biology	<b>Study-In-Action:</b> Excursion Day to The Old Operating Theatre	<b>Subject theory:</b> Chemical reactions within the body	<b>Full-Day Excursion:</b> London - Central London Walking Tour	<b>Subject theory:</b> Enzyme functions	<b>Practical session:</b> Laboratory experiment on DNA
		<b>Subject theory:</b> DNA replication		<b>Subject theory:</b> Anatomical dissections		<b>Subject theory:</b> Infectious diseases	
<b>PM</b> 14.30 - 17.30	Arrivals	<b>Oxford:</b> Explore the city		<b>Practical session:</b> Heart dissection	<b>Full-Day Excursion:</b> London Eye	<b>Group Project Work:</b> Preparation on global epidemicist	<b>Skills Electives:</b> Career Focus workshop
<b>EVE</b> 19.30 - 21.30	Welcome Games & BBQ	Project introduction	<b>Activity:</b> Quiz Night	Evening discovering Oxford City	<b>Activity:</b> Movie Night	Project Presentations	Graduation & Party

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