



QUEEN'S
UNIVERSITY
BELFAST

FACULTY OF
ENGINEERING
AND PHYSICAL
SCIENCES

INTERNATIONAL VIRTUAL SUMMER SCHOOL 2022

25 July to 5 August
2022



QUEEN'S
UNIVERSITY
BELFAST

qub.ac.uk



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#LoveQUB

SHAPING
A BETTER
WORLD
SINCE 1845

RUSSELL
GROUP





WE'RE A RUSSELL GROUP UNIVERSITY

This means you'll be taught by world-leading academics and that your course content will be informed by the latest research, making it as relevant as it can be.



WE'RE IN THE UK'S BEST CITY

Queen's is based in Belfast, a buzzing capital city with the lowest student cost of living in the UK (Times and Sunday Times Good University Guide 2020). What could be better?



YOU'LL FIND A PLACE TO BELONG

With over 200 student-led clubs and societies on campus, you are sure to find your tribe.

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SPEND TWO WEEKS WITH US IN A UNIQUE VIRTUAL ACADEMIC EXPERIENCE

Since 2014, the Faculty of Engineering and Physical Sciences (EPS) has welcomed over 500 students from China and across the globe to the annual summer school. In spite of restrictions on travel in 2021, the faculty of EPS successfully launched a virtual summer school.


Almost 200 students were welcomed and joined the online programmes. Building on the success of 2021, we are delighted to launch the 2022 virtual summer school.

Students can pursue their interests in one of six tailored EPS summer school programmes:

- **PSYCHOLOGY**
- **MECHANICAL AND AEROSPACE ENGINEERING**
- **CIVIL ENGINEERING**
- **ELECTRONICS, ELECTRICAL ENGINEERING AND COMPUTER SCIENCE**
- **CHEMISTRY AND CHEMICAL ENGINEERING**
- **MATHEMATICS AND PHYSICS**

This year, the EPS summer school will also provide students the opportunity to take our additional professional skills module on Entrepreneurship. This is an optional programme delivered in week three, 8-12 August 2022, for summer school students who want to build entrepreneurial skills and awareness of the Sustainable Development Goals.





THE FACULTY OF ENGINEERING AND PHYSICAL SCIENCES



UNIQUELY PLACED TO TACKLE
THE ENVIRONMENTAL AND
CULTURAL CHALLENGES FACING US
IN THE 21ST CENTURY



TOP 150 IN THE WORLD FOR
COMPUTER SCIENCE
(TIMES HIGHER EDUCATION WORLD
UNIVERSITY RANKINGS 2021)

Psychology

Research Skills and Contemporary Issues in Psychology

Lecturers

Dr Paddy O'Connor
Mr Matthew Johnston

Learning outcomes

Understand foundational and emerging questions in contemporary psychology, spanning health, development, wellbeing, and personality.

Gain knowledge of methodological and ethical issues in each area.

Design practical elements of a research project: experimental design, ethics application, questionnaire design, and using online recruitment systems.

Course Schedule

Day 1: Welcome and Introduction
Day 2: Developmental Psychology
Day 3: Personality Development
Day 4: Psychological Models of Health
Day 5: Wellbeing
Day 6: Experimental Design in Psychology
Day 7: Writing an Ethics Application
Day 8: Designing Online Questionnaires
Day 9: Poster Presentations
Day 10: Next Steps

Course materials:

- Lecture notes
- Pre-reading materials
- Activity instructions
- Poster template
- Remote access to QUB software

Assessment will involve the following elements:

Poster content (research design, critical thinking, potential ethical issues): 70%
Poster design (ideas presented clearly): 10%
Multiple choice questionnaires: 10%
Attendance: 10%

WHY JOIN OUR SUMMER SCHOOL?

What our students say

“Thanks to the 2-week summer school, I made new friends via group discussion and oral presentation. Via the virtual programme, not only my English language skills were improved and but also my field of vision in Chemistry and Chemical Engineering was broadened.”

Jiale Fan
Zhejiang University
Chemistry and Chemical Engineering



IMPORTANT INFORMATION

FEES

The tuition fee includes full tuition and an electronic certificate. We are offering an early commitment discount of 20% for payment received by Friday 6 May 2022.

Early Commitment Fee before Friday 6 May 2022:	£200
Regular Fee from Saturday 7 May 2022:	£250
Additional Entrepreneurship Module Fee:	£80

The deadline for payment is Friday 3 June 2022

APPLICATION

Entry requirement: The summer school is designed for students currently studying an undergraduate degree at stage 1 or 2 in a subject area relevant to their selected programme.

Whether you are a student applying individually or you are a member of staff from a university who would like to send a group of students, we would love to welcome you!

Apply for the EPS International Summer School via our website:

<http://go.qub.ac.uk/EPSSummerSchool>

The deadline for applications is Friday 20 May 2022

LOYALTY SCHOLARSHIP AT QUEEN'S

Students who have attended the EPS Summer School who return to an undergraduate programme via one of our collaboration models or a full-time postgraduate taught programme, receive a 20% tuition fee reduction on first year of study.

Exclusions apply

20% tuition fee reduction on year 1

Application necessary

Queen's Loyalty Scholarship can only be used once and cannot be used in conjunction with other scholarships.

CONTACT

We would love to hear from you. If you have any questions or require further information, please do not hesitate to get in touch with a member of our team:

epssummerschool@qub.ac.uk