

ULSTER UNIVERSITY SCHOOLS OUTREACH ACADEMY

2020/2021



Ulster
University



Welcome to our 2020/21 SCHOOLS OUTREACH ACADEMY PROSPECTUS.

ABOUT US

Ulster University is committed to engaging school pupils across the region in high quality Educational Outreach projects, specifically designed to motivate and inspire the next generation. This outreach has given pupils the opportunity to participate in programmes co-designed by Ulster University academics, to provide information on higher education - to raise awareness, remove barriers and create pathways to Ulster.

MEET OUR TEAM



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ALL COURSES
are free, fully
online and self
paced



95%
SCHOOL PUPILS
feel inspired to
study at Ulster

2,500+


**SCHOOLS OUTREACH
ACADEMY**
Enrolments

WIDENING ACCESS PARTICIPATION

Ulster University has a strong sense of civic purpose with values grounded in helping to advance society in Northern Ireland. Widening Access at Ulster University has a wide range of admissions, outreach, research and financial initiatives to support those with difficult circumstances to enter higher education.

The University's contribution to widening access and participation for Northern Ireland is considerable. To achieve this the University works in partnership through schools and community outreach, to ensure that personal backgrounds do not determine future prospects.



INSPIRING OUR NEXT GENERATION

The Covid-19 pandemic has led to many significant changes in the way we live, learn and work. The need to quickly adapt how education is provided has been a key priority of Ulster University.

To ensure we continue to engage and partner with schools, Schools Outreach have developed our new online 'Schools Outreach Academy'. Providing a range of curriculum linked courses for pupils to enroll on and participate in.

SCHOOL OUTREACH ACADEMY

This prospectus will showcase a range of 'Schools Outreach Academy' courses. All courses are free, online and self-paced. Our aim is to introduce pupils to University subject areas through bite size introductory courses that will engage pupils positively in new subject matter and encourage school pupils to think about study at Ulster University.

As a 'Schools Outreach Academy' Scholar, pupils on completion of their course will be awarded Ulster University Certificates.

 **Sign up: Click here for a guide on how to create your account**

 **Watch our Pupil Guide Video**



“As I’m currently applying to university, this short online course gave me an insight into the subject, allowing me to decide whether I would enjoy studying it in the future.

”

Schools Outreach Academy Scholar

COURSES

at School Outreach Academy



FIND YOUR PERFECT COURSE

8 The Highs & Lows of Sugar

9 Music, Sound & Technology

10 Micro:Bit using Sensors

11 Introduction to Micro:bit

12 Creating A Heart Rate Monitor With Micro:bit

13 Introduction to Python

14 Interaction Design IxD

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26 Rethinking Business in Uncertain Times

27 Accountancy is Boring? Dispelling the Myths

28 Introduction To Social Media Branding

29 Introduction To Financial Planning

30 Being Entrepreneurial

31 Art Unwrapped

32 World Town Planning

33 Math Uncommon Sense

34 Manchester United Foundation



THE HIGHS AND LOWS OF SUGAR

A short interactive course looking at the effects of sugar on our bodies. Investigate Biological Molecules, Carbohydrates/Fats, Diabetes, HbA1c TEST.

This short course gives you a chance to delve into a some of the areas that our students, who take Pharmacy and Pharmaceutical Sciences, study. This course is aimed at students aspiring to a career Pharmacy and Pharmaceutical Sciences.

Target Group
Key Stage 4/5

Related Subjects
Biology, Home Economics, Double Award Science, Health & Social Care

Course Design
In collaboration with Ulster University's School Partnerships Team, this course has been designed in partnership with Bronagh White (Lecturer in Clinical and Pharmacy Practice) for the School of Pharmacy and Pharmaceutical Science at Ulster University.

Faculty
Life & Health Sciences

School
Pharmacy and Pharmaceutical Sciences

Email
schools@ulster.ac.uk

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MUSIC, SOUND & TECHNOLOGY

A short interactive course to explore how sound can be created and manipulated to create contemporary, audio-driven, user experiences through the combination of digital composition & technology.

This course is dedicated to What is Music, Sound and Technology? An undergraduate degree course within our Faculty of Arts, Humanities & Social Sciences and covers lesson plans relevant to the Music Industry.

Target Group
Key Stage 4/5

Related Subjects
Music, ICT, Moving Image, Design & Technology, Computing

Course Design
In collaboration with Ulster University's School Partnerships Team, this course has been designed in partnership with John Harding (Learning Technologist) and Greg O'Hanlon (Lecturer in Creative Technologies) for the BSc (Hons) Music, Sound and Technology Degree at Ulster University.

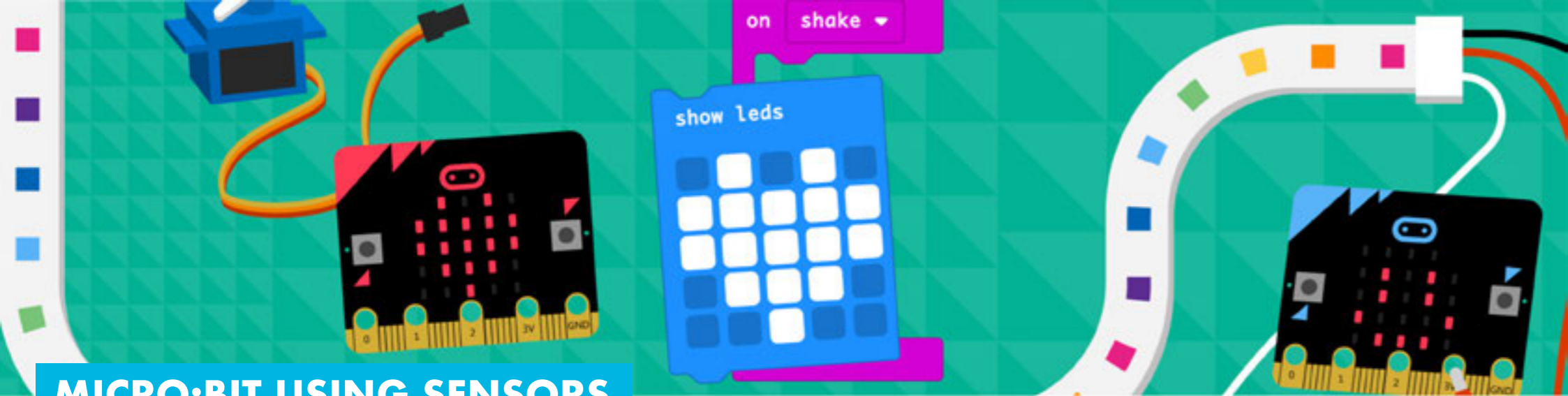
Faculty
Arts, Humanities & Social Sciences

School
School of Arts and Humanities

Email
schools@ulster.ac.uk

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MICRO:BIT USING SENSORS

A short interactive course where pupils can learn to code the Micro:Bit and Bit:Bot robot using sensors such as a buzzer and sonar sensor. (Plus, a supply of Micro:Bits and a Bit:Bot robot for your class posted to school, limited to availability, schools@ulster.ac.uk).

This course provides an introduction to the exciting area of Computing programming which is offered as undergraduate degree courses within the School of Computing and Engineering at Ulster University. Covering a range of topics including algorithms, loops, decisions and conditions using sensors to move a Bit:Bot robotic car.

Target Group

Key Stage 4/5

Related Subjects

Design & Technology, Science, ICT, Computing, Engineering, Computer Science

Course Design

In collaboration with Ulster University's School Partnerships Team, this course has been designed by Dr John Wade Lecturer in Computer Science and Marinus Toman PhD candidate in Computational Neuroscience.

Faculty

Computing, Engineering & the Built Environment

School

School of Computing, Engineering and Intelligent Systems

Email

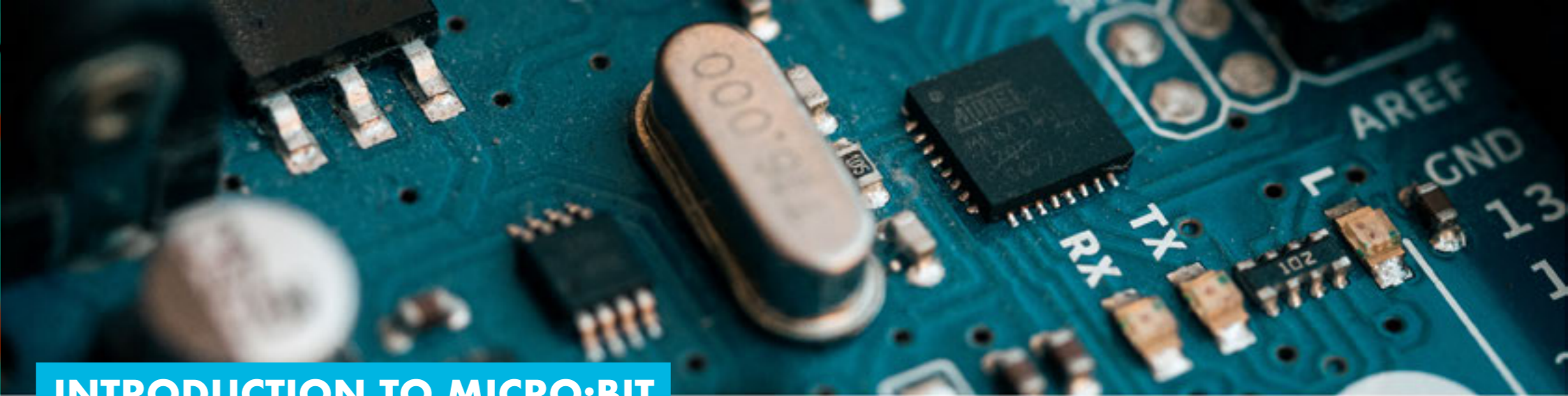
John Wade jj.wade@ulster.ac.uk
Marinus Toman toman-m1@ulster.ac.uk
schools@ulster.ac.uk



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INTRODUCTION TO MICRO:BIT

A short interactive course to get you started with Micro:bit and coding, through a collection of activities. (Plus, a supply of micro:bits for your class posted to school, limited to availability).

Ever wondered how a mobile phone screen works? Or how your PlayStation knows what to do when you press buttons on the controller? Or maybe how your iPad changes its screen when you put it on its side? Well, the Micro:bit lets us explore how these devices work and teaches us how to create our very own computer programmes.

Target Group

Key Stage 3/4

Related Subjects

Science, ICT, Computing, Design & Technology

Course Design

This course has been designed by Ulster University's School Partnerships Team.

Department

School Partnerships Team

Email

schools@ulster.ac.uk



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CREATING A HEARTRATE MONITOR WITH MICRO:BIT

A short interactive course for those who are interested in how computing, engineering, coding, and society are linked. (Plus, a supply of Micro:Bits for your class posted to school, limited to availability, schools@ulster.ac.uk).

There are 3 short interactive lessons to guide students through this challenge to look at a working solution of a Heart Rate Monitor. Students will learn about their heart, how to design a heart rate monitor and the coding involved in creating a heart rate monitor. The course provides an introduction to the undergraduate degrees in Computer science and Biomedical engineering.

Target Group

Key Stage 3/4

Related Subjects

Science, ICT, Computing, Design & Technology, Engineering, Computer Science

Course Design

In collaboration with Ulster University's Schools Partnerships Team this course has been designed by The Microbit Foundation.

Directorate

Academic Business Development

Department

Schools Outreach Team

Email

schools@ulster.ac.uk



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46
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55
def request_seen(self, request):
    fp = self.request_fingerprint(request)
    if fp in self.fingerprints:
        return True
    self.fingerprints.add(fp)
    if self.file:
        self.file.write(fp + os.linesep)
def request_fingerprint(self, request):
    return request_fingerprint(request)
```

INTRODUCTION TO PYTHON

A short interactive course to introduce you to the fundamental concepts for Python 'first steps' that will help to get started on your journey to learn Python. (Plus, a supply of Micro:Bits and a Bit:Bot robot for your class posted to school, limited to availability, schools@ulster.ac.uk).

This course provides an introduction to the exciting area of Computing programming which is offered as undergraduate degree courses here at Ulster University. During this short course you will have the opportunity to take part in six interactive lessons covering a range of topics including algorithms, loops, decisions and conditions using the Bit:Bot robotic car.

Target Group

Key Stage 4/5

Related Subjects

Design & Technology, Science, ICT, Computing, Software Engineering

Course Design

In collaboration with Ulster University's School Partnerships Team, this course has been designed by Dr John Wade Lecturer in Computer Science and Marinus Toman PhD candidate in Computational Neuroscience.

Faculty

Computing, Engineering & the Built Environment

School

School of Computing, Engineering and Intelligent Systems

Email

John Wade jj.wade@ulster.ac.uk
schools@ulster.ac.uk



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INTERACTION DESIGN IxD

A short interactive course investigating the design and creation of App Technology.

Want to build the next Instagram or Snapchat? Join Interaction Design to create the next generation of apps, websites and digital experiences.

This short course gives you a chance to delve into a variety of subjects that our students, who take Interaction Design BDes (Hons). This course is aimed at students aspiring to a career as an interaction designer, helping to shape the digital landscape we live in.

Target Group
Key Stage 4/5

Related Subjects
Art & Design, ICT, Technology

Course Design
In collaboration with Ulster University's School Partnerships Team, this course has been designed in partnership with Dr Kyle Boyd (Lecturer in Interaction Design) for the BDes (Hons) Interaction Design Degree at Ulster University.

Faculty
Arts, Humanities & Social Sciences

School
Belfast School of Art

Email
schools@ulster.ac.uk

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INTRODUCTION TO HOSPITALITY MANAGEMENT

A short interactive course to introduce the inner workings of the Hospitality Management sector globally and here in Northern Ireland.

This course provides an introduction to the exciting and dynamic area of Hospitality Management which is offered as an undergraduate degree course within the Ulster Business School at Ulster University. You will have the opportunity to take part in three interactive lessons covering a range of topics including hotel management, event management within a hotel and food and beverage design.

Target Group
Key Stage 4/5

Related Subjects
Business Studies, Hospitality, Home Economics: Food and Nutrition, Marketing, Business, Travel and Tourism

Course Design
In collaboration with Ulster University's School Partnerships Team, this course has been designed by Dr Laura Wells, Lecturer in Hospitality Management (Marketing).

Faculty
Ulster University Business School

School
Department of Hospitality and Tourism Management

Email
l.wells@ulster.ac.uk
schools@ulster.ac.uk

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EMBRACING TALENT (PART 1&2)

A short interactive course, designed to help young people aged 16-18 to develop an understanding of and learn how to develop the 'key skills' essential for the workplace, People Management, Time Management, Organisation, Communication, Teamwork, Leadership, Commercial Awareness, Problem Solving, Self Confidence and Adaptability.

During each lesson you will be guided by University staff, industry employers and staff from our partners, Business in the Community and Career Ready. We hope this course will help you understand what is required in the workplace as you progress on your journey to either Further and Higher Education or to the workplace.

Target Group

Key Stage 4/5

Related Subjects

This is a careers and personal development course suitable for all pupils.

Course Design

In collaboration with Business in the Community Northern Ireland and Career Ready, this course has been designed by Mr Richard Gormley, Educational Outreach Officer, Ulster University.

Directorate

Academic Business Development

Department

Schools Outreach Team

Email

r.gormley@ulster.ac.uk
schools@ulster.ac.uk



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THE SCIENCE BEHIND BATH BOMBS

A short interactive course to encourage and investigate STEM. Challenge your pupils to the 30-Minute Challenge of creating a Bath Bomb. Offering pupils the opportunity to look at Chemistry, through this interactive and fun lesson.

This course provides an introduction to the exciting and dynamic area of chemistry which is part of many of the undergraduate degree courses within the School of Pharmacy & Pharmaceutical Sciences here at Ulster University.

Target Group

Key Stage 3

Related Subjects

Science

Course Design

In collaboration with Ulster University's School Partnerships Team, this course has been designed by Dr Bridgeen Callan, Senior Lecturer in Pharmacy & Pharmaceutical Sciences.

Faculty

Life & Health Sciences

School

School of Pharmacy & Pharmaceutical Sciences

Email

b.callan@ulster.ac.uk
schools@ulster.ac.uk



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INTRODUCTION TO BIOMEDICAL SCIENCE

A short interactive course for Year 8 pupils, first glimpse into Biomedical Science. Ever wondered what is Biomedical Science and how it helps patients? This is your first step to Biomedical Science.

This course is dedicated to introducing Biomedical Science to pupils at an early age. We have a range of interactive activities within our lesson plans to appeal to pupils at Key Stage 2/3 developed by the IBMS Institute of Biomedical Science.

Target Group
Key Stage 3

Related Subjects
Science

Course Design
In collaboration with Ulster University's School Partnerships Team, this course has been designed by Dr Valerie Hinch, Teaching Fellow, School of Biomedical Science, Ulster University.

Faculty
Life & Health Sciences

School
School of Biomedical Sciences

Email
schools@ulster.ac.uk

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BIOMEDICAL SCIENCE

A short interactive course into Biomedical Science. Investigate molecular biology, fight against SARS, Covid-19, as well as Haematology and Cellular Pathology.

Are you interested in conducting scientific and laboratory research to support diagnosis and treatment of human disease?

This short course gives you a chance to delve into a variety of subjects that our students who take BSc Hons Biomedical Science study. Ulster University is ranked in the top 5 in the UK for both research and teaching.

Target Group
Key Stage 4/5

Related Subjects
Science, Biology, Double Award, Health & Social Care

Course Design
In collaboration with Ulster University's School Partnerships Team, this course has been designed by Dr Diane Lees-Murdock (Senior Lecturer & Academic Division Head Bio & Healthcare Science) for the BSc Hons Biomedical Science Degree at Ulster University. We thank course contributors Dr Declan McKenna, Dr Valerie Hinch, Dr Mary Hannon-Fletcher and Dr Jayne Devlin.

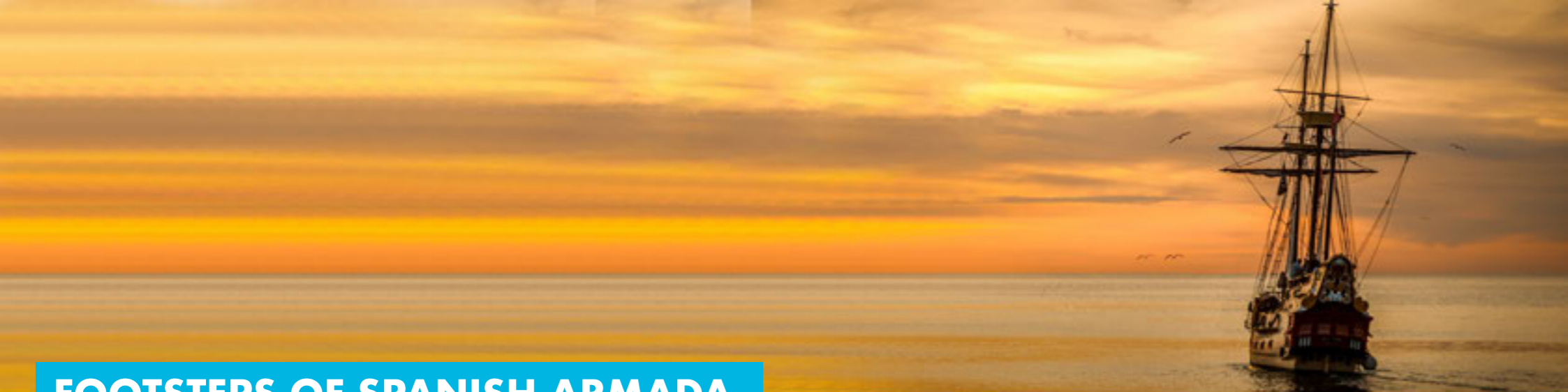
Faculty
Life & Health Sciences

School
School of Biomedical Sciences

Email
schools@ulster.ac.uk

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FOOTSTEPS OF SPANISH ARMADA

A short interactive history based course, following the footsteps of the The Spanish Armada as it set sail from Spain in July 1588. The sinking of the Girona plus activities of shipwrecks and their lingering influence on Irish History.

Footsteps of the Spanish Armada course originated from Ulster University's involvement in the North Coast Armada Connection (NCAC hereafter), an initiative that aims to promote a series of activities and events around the Armada shipwrecks and their lingering influence on the history of Ireland.

Target Group
Key Stage 3

Related Subjects
History

Course Design
In collaboration with Ulster University's School Partnerships Team, this course has been designed by Dr Gabriel Guarino Lecturer in Early Modern History at Ulster University.

Faculty
Arts, Humanities & Social Sciences

School
School of Arts and Humanities

Email
schools@ulster.ac.uk

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HISTORY OF THE EARLY MODERN EUROPEAN WITCH HUNTS

A short interactive course investigating the situation and history around European Witch Hunts, providing an introduction to the exciting arena of History offering pupils the opportunity to delve into some of the areas, of our History degree courses. The course introduces you to the different types of witchcraft belief in early modern Europe, specifically Britain and Ireland, including different types of trials, courts and laws.

The History of the Early Modern European Witch Hunts 1550 – 1750 course is targeted at Year 11 - Year 14 pupils who are considering studying History at University.

Target Group
Key Stage 4/5

Related Subjects
History, English Literature

Course Design
In collaboration with Ulster University's Schools Partnerships Team, this course has been designed by Dr Andrew Sneddon, lecturer in International History, at Ulster University.

Faculty
Arts, Humanities & Social Sciences

School
School of Arts and Humanities

Email
a.sneddon@ulster.ac.uk
schools@ulster.ac.uk

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Geoffrey Chaucer – The Canterbury Tales – 'The Wife of Bath's Prologue and Tale'

Passionate about reading and writing?
Enhance your knowledge of English literature with our short interactive course designed to help A-level English / English Literature pupils. This course provides an introduction to the exciting arena of English, introducing you to the literary-historical context in which Geoffrey Chaucer wrote The Canterbury Tales and give you an understanding of the structure of The Canterbury Tales, and the place occupied in the text by 'The Wife of Bath's Prologue and Tale'.

The course offers a critical reading of the text to help you identify the key issues the text raises, and the key messages it conveys.

Target Group

Key Stage 5

Related Subjects

English / English Literature

Course Design

In collaboration with Ulster University's Schools Partnerships Team, this course has been designed by Professor Jan Jedrzejewski, Professor of English and Comparative Literature at Ulster University.

Faculty

Arts, Humanities & Social Sciences

School

School of Arts and Humanities

Email

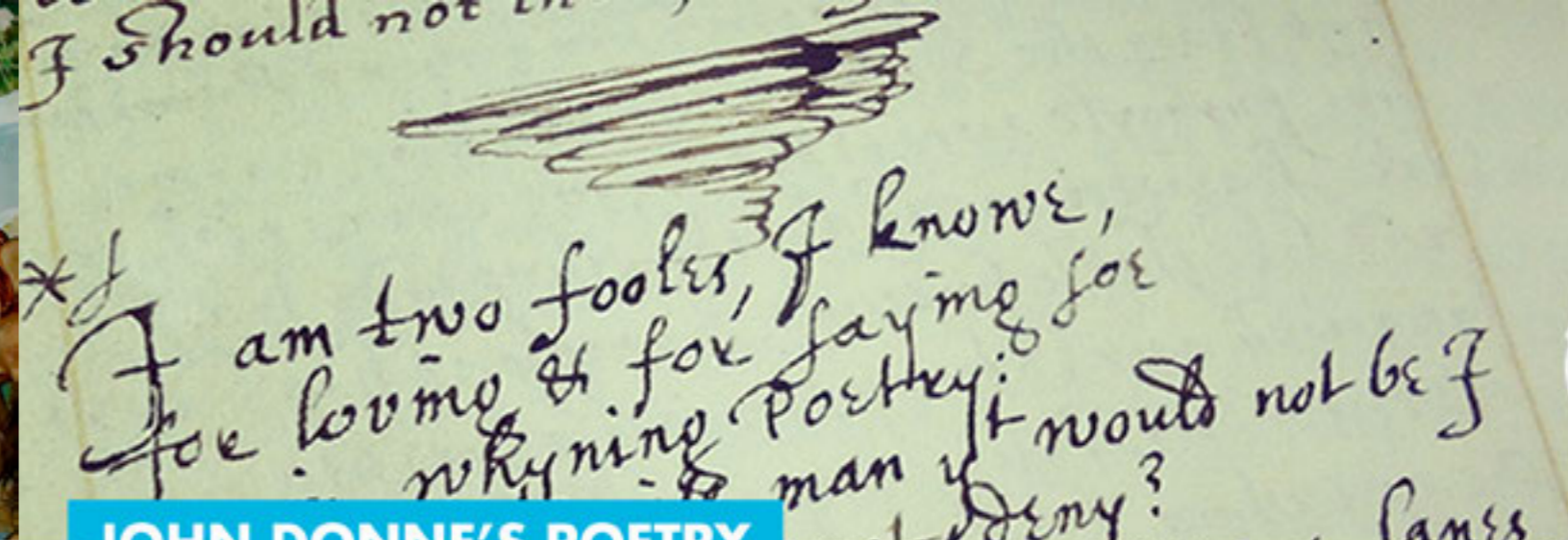
jp.jedrzejewski@ulster.ac.uk
schools@ulster.ac.uk



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JOHN DONNE'S POETRY

Passionate about reading and writing?
Enhance your knowledge of English literature with our short interactive course designed to help A-level English / English Literature pupils. This course provides an introduction to the exciting arena of English and gives you a chance to delve into some of the areas our students study on our English degree course here at Ulster University.

The course will introduce you to the biographical and historical contexts of John Donne's poetry and learn about the meaning, tone and significance of a number of Donne's 'Songs and Sonnets' and one of his Holy Sonnets. You will also get a taste of how literary texts are approached in a university context.

Target Group

Key Stage 5

Related Subjects

English / English Literature

Course Design

In collaboration with Ulster University's Schools Partnerships Team, this course has been designed by Dr Tim Hancock, lecturer in English Literature, at Ulster University.



Faculty

Arts, Humanities & Social Sciences

School

School of Arts and Humanities

Email

tc.hancock@ulster.ac.uk
schools@ulster.ac.uk



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EVENT MANAGEMENT

A short interactive course introducing the exciting and dynamic area of Event Management. During this short course you will have the opportunity to take part in three interactive lessons covering a range of topics including event planning, event marketing and sustainable events design.

This course provides an introduction to the exciting and dynamic area of Event Management which is offered as an undergraduate degree course within the Ulster Business School here at Ulster University.

Target Group

Key Stage 4/5

Related Subjects

Business Studies, Sport Science and the Active Leisure Industry, Marketing, Business, Creative Media, Sport

Course Design

In collaboration with Ulster University's School Partnerships Team, this course has been designed by Dr Adrian Devine and Dr Harriet Purkis, academic team members for the BSc (Hons) Leisure and Events Management degree.

Faculty

Ulster Business School

School

Department of Hospitality and Tourism Management

Email

a.devine@ulster.ac.uk
h.purkis@ulster.ac.uk
schools@ulster.ac.uk



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INTRODUCTION TO SOCIAL ENTREPRENEURS

A short interactive course endorsed by Social Enterprise Northern Ireland targeted at Key Stage 4/5 (year 12/14 pupils).

During this short course pupils have the opportunity to take part in 5 interactive lessons covering the areas of what really is social entrepreneurship (is this even relevant to me?), what difference can it make and what do I need to do to become the next social entrepreneurship success story!

Target Group

Key Stage 4/5

Related Subjects

Business Studies, Environmental Technology, Business, Marketing, Business & Hospitality

Course Design

In collaboration with Ulster University's Schools Partnership Team this course has been designed by Dr Laura Bradley-McCauley, lecturer in Business with Specialisms at Ulster University Senior Lecturer in Marketing and academic member of the BSc (Hons) Business with Specialisms and MSc International Business Studies courses at the Magee Campus at Ulster University.

Department

Department of Global Business and Enterprise

Email

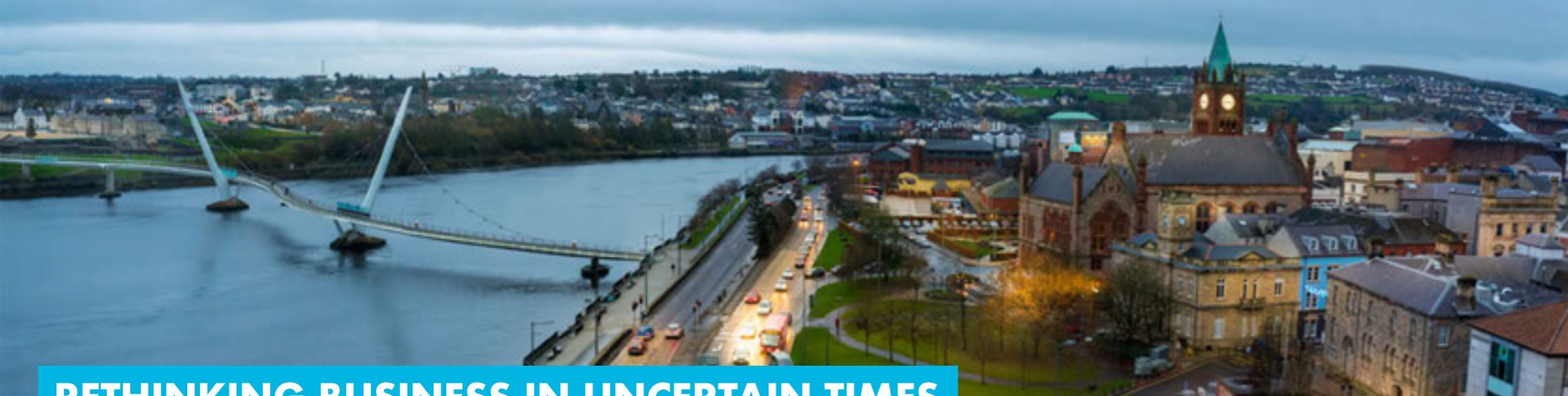
lm.bradley@ulster.ac.uk
schools@ulster.ac.uk



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RETHINKING BUSINESS IN UNCERTAIN TIMES

A short interactive course which investigates the dynamic area of Accounting, Business Analytics' and Business Studies. Highly relevant when facing commercial lockdowns such as within COVID-19. This course provides an introduction to both traditional and new emerging business practices and is delivered through three interactive, dynamic lessons where you will apply the theory to practice.

During this short course you will have the opportunity to take part in three interactive lessons covering a range of topics including Managing People, Marketing and Accounting.

Target Group

Key Stage 4/5

Related Subjects

Business Studies, Economics, Mathematics, Professional Business Services, Marketing, Business

Course Design

In collaboration with Ulster University's School Partnerships Team, this course has been designed by Dr Shirley Barrett, Edel Griffin, Clodagh Hegarty, Claire Scott-McAteer and Dr Helen Shiels, academic team members for the BSc (Hons) Accounting with Specialisms, BSc (Hons) Business Analytics and BSc (Hons) Business with Specialisms courses at the Magee Campus of Ulster University.

Faculty

Ulster Business School

School

Department of Global Business and Enterprise

Email

Accounting
cm.mcateer@ulster.ac.uk

Business Analytics
c.hegarty1@ulster.ac.uk

Business Studies with Specialisms
hl.shiels@ulster.ac.uk
schools@ulster.ac.uk



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ACCOUNTANCY IS BORING? DISPELLING THE MYTHS

Welcome to this short online course called Accounting is Boring? Dispelling the Myths. This course has been produced and developed in partnership with Chartered Accountants Ireland. This course provides an introduction to the exciting and dynamic area of Accounting which is offered as an undergraduate degree course within the Ulster Business School at Ulster University.

During this short course you will have the opportunity to take part in four interactive lessons covering a range of topics including Case Study Analysis, Fraud Prevention, Systems Analysis and Key Performance Indicators.

Target Group

Key Stage 4/5

Related Subjects

Business Studies, Economics, Mathematics, Professional Business Services, Business

Course Design

In collaboration with Ulster University's School Partnerships Team, this course has been designed by Danielle McWall, Head of the Department of Finance, Accounting and Economics, Ulster University Business School, Zara Duffy, Head of Chartered Accountants Northern Ireland and Sinead Fox-Hamilton, Relationship Manager, Chartered Accountants Ireland.

Faculty

Ulster Business School

School

Department of Accounting, Finance and Economics

Email

dm.mcwall@ulster.ac.uk
schools@ulster.ac.uk



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INTRODUCTION TO SOCIAL MEDIA BRANDING

Have you ever wondered what makes you drawn to a certain product then go out of your way to buy it, yet walk past others in the supermarket isle without even flinching? This short course offers an interesting insight into how marketers cleverly engage us with their brands and induce us into making often impulsive purchases. It offers an overview into the exciting and creative world of marketing and perhaps this course may spark your interest in a future career in this field!

During this short course you will have the opportunity to take part in interactive lessons covering branding and subtle advertising techniques, social media marketing, how mobile devices can be used to escalate sales.

Target Group
Key Stage 4/5

Related Subjects
Business Studies, Digital Technology, Environmental Technology, Journalism in the Media and Communications Industry, Marketing, Business, Creative Media

Course Design
In collaboration with Ulster University's Schools Partnership Team this course has been designed by Dr Dawn Surgenor, academic team member for the BSc (Hons) Consumer Management and Food Innovation degree at the Coleraine Campus at Ulster University.

Faculty
Ulster Business School

School
Department of Hospitality and Tourism Management

Email
d.surgenor@ulster.ac.uk
schools@ulster.ac.uk

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INTRODUCTION TO FINANCIAL PLANNING

A short interactive course targeted at Key Stage 4/5 (year 12/14 pupils) providing an introduction to the exciting and evolving topic of financial planning – where you can take an idea to the next level and become a successful financial advisor.

During this short course you will have the opportunity to take part in 5 interactive lessons covering the areas related to financial literacy, personal finance strategies and planning.

Target Group
Key Stage 4/5

Related Subjects
Business Studies, Economics, Mathematics, Professional Business Services, Business

Course Design
In collaboration with Ulster University's Schools Partnership Team this course has been designed by Dr David McAree, lecturer in Business with Specialisms at Ulster University.

Department
Department of Global Business and Enterprise

Email
d.mcaree@ulster.ac.uk
schools@ulster.ac.uk

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BEING ENTREPRENEURIAL

A short interactive course introducing the concept of entrepreneurship. Delivered through three interactive, dynamic lessons where you will apply the theory to practice.

Being Entrepreneurial is seen as increasingly important whether you choose to start a business, work for someone or want to solve social and environmental challenges.

Target Group

Key Stage 4/5

Related Subjects

Business Studies, Environmental Technology, Professional Business Services, Marketing, Business, Business and Hospitality

Course Design

In collaboration with Ulster University's School Partnerships Team, this course has been designed by Mr Steven Pollard, Senior Lecturer and Development Lead within the Department of Management, Leadership and Marketing.

Faculty

Ulster Business School

School

Department of Management, Leadership and Marketing

Email

sf.pollard@ulster.ac.uk
schools@ulster.ac.uk



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ART UNWRAPPED

Welcome to our 'Art Unwrapped' E-learning course where you discover more about 'St. Matthew and The Angel' by Jan van Bijlert, (1597/8-1671).

Belfast City Council, Ulster University and National Museums Northern Ireland have come together in a unique collaboration – “Art Unwrapped”. This special exhibition takes an iconic work from the Ulster Museum’s collection, and gives it pride of place in the heart of the city and as a gift to its citizens at Ulster University. This year, art Unwrapped will present 'St. Matthew and The Angel' by Jan van Bijlert, one of his most famous paintings.

Target Group

All ages

Related Subjects

Art & Design

Course Design

In collaboration with Ulster University's Schools Partnerships Team, this course has been designed with Professor Raffaella Folli and Belfast School of Art, Ulster University.

Faculty

Arts, Humanities & Social Sciences

School

Belfast School of Art

Email

schools@ulster.ac.uk



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WORLD TOWN PLANNING

A short interactive course on how to plan modern towns and communities. Are you interested in changing how we live as a society, community, school etc. Understand the UN Sustainable Goals and how we as society can impact on living space.

This course provides an introduction to the exciting and dynamic area of Spatial Planning, Regeneration and Development which is offered as undergraduate degree courses within the Belfast School of Architecture and the Built Environment here at Ulster University.

Target Group

Key Stage 4/5

Related Subjects

Engineering, Geography, Technology

Course Design

In collaboration with Ulster University's Schools Partnerships Team, this course has been designed by Dr Gavan Rafferty, lecturer in Spatial Planning and Development, Ulster University.

Faculty

Computing, Engineering & the Built Environment

School

Belfast School of Architecture and the Built Environment

Email

g.rafferty1@ulster.ac.uk
schools@ulster.ac.uk



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MATH - UNCOMMON SENSE

A short Interactive course for those who are interested in a mathematically based university course such as Engineering and areas of computer science. Students will be guided through the amazing world of mathematics and why it's much more than just numbers.

Students will learn principles of mathematics such as the pigeon hole principle, measuring randomness, Exponents, Pythagoras Theorem and Exponential growth. This course complements what students would be studying within class and shows the practical use of mathematics in life.

Target Group

Key Stage 4/5

Related Subjects

Mathematics, Physics, Engineering, Computer Science

Course Design

In collaboration with Ulster University's Schools Partnerships Team this course has been designed by Professor Colin Turner, Interim Dean of Learning Enhancement at Ulster University.

Directorate

Academic Business Development

Department

Schools Outreach Team

Email

schools@ulster.ac.uk



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MANCHESTER UNITED FOUNDATION

Ulster University is delighted to announce our formal partnership with Manchester United Foundation, working with the Ulster University Schools Outreach team on the Magee Campus.

Our inclusive educational outreach for schools is designed to raise aspirations, widen participation and increase attainment across both primary and post-primary sectors in preparation for engagement in higher-level learning.

Manchester United Foundation uses football to engage and inspire young people to build a better life for themselves and unite the communities in which they live. Dedicated staff deliver educational and community outreach programmes to help young people make positive choices in their lives.



At Ulster University, we pride ourselves on our strong links with local schools and strive to create a welcoming environment on our campus for activities that benefit the local community. Working together with Foyle Learning Community and Manchester United Foundation, we aim to inspire students by fostering skills and self-belief that they will carry with them throughout their education and future careers.

Dr Malachy O'Neill
Provost of the Magee Campus at Ulster University



MANCHESTER UNITED FOUNDATION ACTIVITY HUB

Manchester United Foundation is providing an abundance of activity worksheets, challenges and videos to keep your minds and bodies active while we are staying safe at home. Through accessing the Manchester United Foundation Activity Hub via Ulster University Schools Outreach academy you will have access to the below free resources.

Play Safe

As we transition to the new normal things are going to look slightly different. These Play Safe activities give coaches, teachers, parents and children ideas for different football drills they can play at a safe distance. Supported by Manchester United's global partner adidas, Play Safe provides coaches, teachers and young people the tools to play football again at a safe distance.

Activity Worksheets

It's important to always keep our minds active as well as our bodies. Check out our activity worksheets including fun yet educational tasks such as crosswords, wordsearches, even some Manchester United maths and geography, plus an additional challenge sheet to test your creativity!

Video Challenges

Our coaches are used to being out in the local community working with children and young people in our partner schools and at projects, so during these different times they still want to share some skills and challenges with you!

Email

matthew.lewsley@mufoundation.org



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Schools Outreach Academy

#InspiringNextGeneration

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