

## WELCOME TO OUR CITY

Norwich is an independent city with a big heart, and every year we welcome thousands of students to make themselves at home here. Our friendly and vibrant city offers both an economical and cosmopolitan lifestyle – you'll soon find there's nowhere quite like it.

Setting up home in a new place is an exciting time. Small enough to explore on foot but big enough to have lots to offer, Norwich is a fantastic fusion city, bringing together the historic and modern with many surprising twists and turns amongst its cobbled streets.

You will love the amazing shopping, from the one-off boutiques of the Norwich Lanes to the bustling, big brands of Chantry Place shopping mall.

As England's first UNESCO City of Literature there's plenty of culture on offer at our many art galleries, music venues, theatres and cinemas. We are also a superb destination for food lovers with cafés, bars and restaurants and one of the country's oldest and largest open-air markets.

The city's green spaces offer the perfect balance to busy city life, providing room to breathe and space to think. Explore the rivers, parks and gardens, or further afield the idyllic countryside and beautiful beaches.

As you can tell, we think Norwich is pretty special and the perfect environment to explore your ideas.

## NORWICH RESEARCH PARK

One of Europe's leading research centres, Norwich Research Park provides UEA postgraduate researchers with access to a world-leading science base, bringing six major research institutions together on one site. The Park conducts cutting-edge multidisciplinary research in critical areas of Food, Health and Microbiome, Climate and the Environment, Industrial Biotech, Agriculture Biotechnology, Genomics, Medical Research and Bioinformatics and Computational Biology.

FIND OUT MORE  
[www.uea.ac.uk/postgraduate-research](http://www.uea.ac.uk/postgraduate-research)



## POSTGRADUATE RESEARCH AT UEA

Every year we welcome students from all over the world to come and be part of our world leading and world changing research.

With over 1,500 research students you'll be joining an international research community, have the opportunity to learn from internationally-recognised academics and contribute to new and exciting research. You'll also gain a qualification that will give you a genuine edge, enhancing your future career.

WORLD TOP  
**50**  
FOR RESEARCH CITATIONS  
(TIMES HIGHER EDUCATION  
WORLD UNIVERSITY  
RANKINGS 2022)

WORLD TOP  
**50**  
(TIMES HIGHER EDUCATION  
IMPACT RANKINGS 2022)

WORLD TOP  
**200**  
UNIVERSITY (TIMES HIGHER  
EDUCATION WORLD  
UNIVERSITY  
RANKINGS 2022)

## PHDs AND RESEARCH DEGREES A CLOSER LOOK

### DOCTORAL TRAINING PARTNERSHIPS (DTP/CDT)

UEA is involved in multiple Doctoral Training Partnerships (DTPs) and Centres for Doctoral Training (CDTs). All provide innovative, insightful and tailored training to widen your skill set and improve your career prospects: [www.uea.ac.uk/postgraduate-research](http://www.uea.ac.uk/postgraduate-research)

**Agri-FoRwArD S CDT** (Agri-Food Robotics and Autonomous Systems – ESPRC funded): [www.uea.ac.uk/web/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/partnerships-in-doctoral-training/agriforwards](http://www.uea.ac.uk/web/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/partnerships-in-doctoral-training/agriforwards)

**ARIES DTP** (Advanced Research and Innovation in Environmental Sciences – NERC funded): [www.aries-dtp.ac.uk](http://www.aries-dtp.ac.uk)

**CHASE DTP** (Consortium for Humanities and the Arts South-East England – AHRC funded): [www.uea.ac.uk/web/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/chase](http://www.uea.ac.uk/web/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/chase)

**Critical Decade for Climate Change PhD Studentships** (Leverhulme Doctoral Scholars): [www.uea.ac.uk/climate/show-and-tell](http://www.uea.ac.uk/climate/show-and-tell)

**MMB DTP** (Microbes Microbiomes and Bioinformatics – MRC funded): [www.uea.ac.uk/phd/mmbdtp](http://www.uea.ac.uk/phd/mmbdtp)

**NRP Biosciences DTP** (Norwich Research Park – BBSRC funded): [www.bioldtp.norwichresearchpark.ac.uk](http://www.bioldtp.norwichresearchpark.ac.uk)

**SeNSS DTP** (South-East Network for Social Sciences – ESRC funded): [www.uea.ac.uk/web/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/sens](http://www.uea.ac.uk/web/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/sens)

### ROTATION PROGRAMMES

The **EDESIA: Plants, Food and Health** programme is a prestigious 4-year PhD programme funded by Wellcome Trust to advance major aspects of plant-based nutrition and health, from crop to clinic, drawing on the world-class, interdisciplinary research expertise of the Norwich Research Park. [www.uea.ac.uk/web/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/edesia](http://www.uea.ac.uk/web/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/edesia)

The **John Innes Foundation Rotation Programme in Plant and Microbial Sciences** is an internationally leading 4-year multidisciplinary PhD programme funded by the John Innes Foundation that trains doctoral students at the John Innes Centre and The Sainsbury Laboratory. [www.jic.ac.uk/training-careers/postgraduateopportunities/rotation-phd](http://www.jic.ac.uk/training-careers/postgraduateopportunities/rotation-phd)

### PHDs AND RESEARCH DEGREES

Research degrees involve carrying out independent, original research that you present in your thesis. Projects can be research-led – you apply for an advertised research project written by an academic – or applicant-led – you write a research proposal and apply to carry out that research. At UEA, we offer PhD and Master's by Research programmes, as well as professional doctorates in Clinical Psychology (ClinPsyD), Education (EdD), Educational Psychology (EdPsyD), Health and Social Care (ProfD HaSC) and Medicine (MD). Find out more at: [www.uea.ac.uk/pgr-apply](http://www.uea.ac.uk/pgr-apply)

### FINDING A PRIMARY SUPERVISOR

Working closely with a team of academic supervisors gives you the support to carry out your own independent research and make your own mark. You must specify a proposed primary supervisor in your application. Look for someone who shares your excitement about your research plans and think about what matters to you most. See our advice on finding a supervisor at [www.uea.ac.uk/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/how-to-apply/find-a-phd-supervisor](http://www.uea.ac.uk/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/how-to-apply/find-a-phd-supervisor)

### FUNDING YOUR STUDIES

Research degrees can be funded in many different ways, for example:

**UEA or UK Research Council funded studentships** cover the costs of tuition fees and pay a stipend for living expenses. You can check our website for current funded opportunities: [www.uea.ac.uk/web/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships](http://www.uea.ac.uk/web/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships)

**Externally-funded students** secure funding by applying for financial assistance direct from an external funder (eg overseas government, employer or charity).

**Self-funded students** support their own living expenses and pay tuition fees by using pre-existing funds (eg from working or family means). UK nationals and some eligible EU nationals can apply for a UK Government **Doctoral Loan** of up to £27,892 for new students studying for a UK doctorate in any subject. Eligibility, terms & conditions apply: [www.gov.uk/doctoral-loan](http://www.gov.uk/doctoral-loan)

### ENTRY REQUIREMENTS

Entry requirements vary across Schools and courses, please check UEA's postgraduate research webpages for more information: [www.uea.ac.uk/pgr-apply](http://www.uea.ac.uk/pgr-apply)

The main entry date for postgraduate research programmes is 1 October of each year, but some programmes and Schools allow or require other start dates throughout the year.

### HOW DO I APPLY?

You can either apply with a proposal you have written yourself (applicant-led), specifying your proposed supervisor, or apply to an advertised research project (research-led).

Applicants to the Doctorate in Clinical Psychology and the Doctorate in Educational Psychology need to follow a different process, please see: [www.uea.ac.uk/about/norwich-medical-school/education/professional-doctorates/doctorate-in-clinical-psychology](http://www.uea.ac.uk/about/norwich-medical-school/education/professional-doctorates/doctorate-in-clinical-psychology) or [www.uea.ac.uk/course/phd-doctorate/doctorate-in-educational-psychology-edpsyd](http://www.uea.ac.uk/course/phd-doctorate/doctorate-in-educational-psychology-edpsyd)

### APPLY ONLINE

[www.uea.ac.uk/pgr-apply](http://www.uea.ac.uk/pgr-apply)



**“Several factors influenced my decision to come to UEA. These include the expertise of the supervisory team, the department's research culture and UEA's reputation based on different ranking metrics. And, of course, Norwich is a beautiful city.”**

**KODILI HENRY CHUKWUMA,  
PHD IN POLITICS**

## BRING YOUR RESEARCH TO LIFE

Our postgraduate researchers are at the heart of active research teams, challenging boundaries and making real advances.

We are committed to supporting all our postgraduate researchers through the UEA Doctoral College, which strives to create a nurturing environment, supports students in achieving their research goals, brings together best practice and encourages innovation. We want to help you make the most of your time at UEA.

Whether you're looking to feed a passion, advance your career or change direction, join our dynamic postgraduate research community and set yourself apart with a prestigious research degree from UEA.

UK TOP  
**20**  
FOR RESEARCH QUALITY (TIMES  
HIGHER EDUCATION RANKINGS  
FOR THE RESEARCH EXCELLENCE  
FRAMEWORK 2021)

**91%**  
OF UEA RESEARCH IS RATED  
AS 'WORLD LEADING' OR  
'INTERNATIONALLY EXCELLENT'  
(REF2021 ANALYSIS)



## NEXT STEPS

1. FIND OUT IF WE HAVE AN ADVERTISED PhD/RESEARCH DEGREE IN YOUR PARTICULAR RESEARCH AREA OR...
2. ...DRAFT A RESEARCH PROPOSAL IF YOU NEED ONE
3. SEND CV / DRAFT PROPOSAL TO POTENTIAL SUPERVISORS, AS EARLY AS POSSIBLE
4. DISCUSS YOUR DRAFT PROPOSAL OR THE ADVERTISED PROJECT WITH POTENTIAL SUPERVISORS, AS EARLY AS POSSIBLE
5. REMEMBER TO CHECK THE DEADLINES!
6. LOOK AT ENTRY REQUIREMENTS AND CONSIDER HOW YOU MIGHT FUND YOUR RESEARCH
7. CONTACT US WITH ANY QUESTIONS – WE ARE HERE TO HELP!
8. APPLY VIA OUR ONLINE FORM

IF YOU'D LIKE TO LEARN MORE ABOUT POSTGRADUATE RESEARCH OPPORTUNITIES AT UEA VISIT:  
[www.uea.ac.uk/postgraduate-research](http://www.uea.ac.uk/postgraduate-research)

## KEY DATES

### EXPECTED UEA AND UK RESEARCH COUNCIL DEADLINES FOR OCTOBER 2023 ENTRY

Apply by these deadlines if you are seeking UEA or Research Council funding. In each case a specific deadline (eg 30 November 2022) will be advertised once it is known at: [www.uea.ac.uk/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/application-deadlines](http://www.uea.ac.uk/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/application-deadlines)

- **Medicine and Health Sciences:** 13 November 2022
- **Doctorate in Educational Psychology (EdPsyD):** 16 November 2022
- **NRP Biosciences DTP:** 21 November 2022
- **Doctorate in Clinical Psychology:** November 2022
- **Science Studentship Competitions:** 27 November 2022
- **EDESIA:** 30 November 2022
- **John Innes Foundation Rotation Programme:** 30 November 2022
- **Arts and Humanities/CHASE DTP:** 15 December 2022
- **Social Sciences/SeNSS:** January 2023
- **MMB DTP:** 9 January 2023
- **ARIES DTP:** 11 January 2023
- **Leverhulme Critical Decade:** 18 January 2023
- **Professional Doctorate in Health and Social Care (ProfD HaSC):** 18 June 2023

Projects are advertised all year round in addition to these deadlines.

### GENERAL APPLICATION DEADLINES FOR 2023 ENTRY

The table below gives the general final date for all applications to UEA. For many projects or studentships the application deadlines are earlier than those listed below.

START DATE	LAST DATE FOR SUBMITTING APPLICATION	
	UK	International
01 February 2023	30 November 2022	30 September 2022
01 June 2023	31 March 2023	31 January 2023
01 October 2023	31 July 2023	31 May 2023

Please note that not all of the start dates are available for each School. Contact the Postgraduate Research Service for more information:  
[Pgr.enquiries.admiss@uea.ac.uk](mailto:Pgr.enquiries.admiss@uea.ac.uk)



# POSTGRADUATE RESEARCH THEMES

## AMERICAN STUDIES

- American history
- American literature
- Area Studies
- Popular and Avant-Garde cultures
- Race, Gender, and Civil Liberties
- Space, Place, and Environment

## ART

- Art, climate change and the non-human
- Critical Heritage Studies
- Materiality and Material Culture
- Medieval art and architecture
- Modern and Contemporary Art
- Museums and Galleries Studies

## BIOLOGICAL SCIENCES

- Cells and tissues: biomedicine, cancer biology, cardiovascular biology, molecular genetics, musculoskeletal biology, molecular pharmacology, developmental epigenetics, developmental and stem cell biology
- Molecular microbiology: biochemistry, physiology, ecology, cell and developmental biology, elemental cycle, environmental microbiology, discovery of novel antimicrobial agents, synthetic biology
- Organisms and the environment: biodiversity, conservation, behavioural ecology, evolutionary ecology, evolution biology, macroecology, molecular ecology, population biology, genetics, biogerontology
- Plant sciences: molecular genetics, RNA biology, stress biology and signalling, biochemistry and metabolism, synthetic biology

## BIOLOGICAL SCIENCES AND MEDICINE: NORWICH BIOSCIENCE INSTITUTES

John Innes Centre, the Quadram Institute Bioscience, the Earlham Institute and The Sainsbury Laboratory cover the following themes:

- Evolutionary biology and population genomics
- Food, nutrition and health
- Food safety: microbes in the food chain and food authenticity
- Genomics, computational and systems biology
- Guts: biology, health, microbiome
- Micronutrient biofortification and bioavailability
- Molecular microbiology and metagenomics of complex microbial communities
- Plant and crop growth, development and yield
- Plant and microbial metabolism and biological chemistry
- Plant bioactives and foods for health
- Plant pathogens and innate immunity
- Synthetic biology and biotechnology

## BUSINESS AND MANAGEMENT

- Accounting: Disclosures and capital markets, Accountability and ESG disclosures, Accounting and digital technologies, Public sector accounting, Performance management, Tax, Data analytics, Emerging markets
- Employment systems and institutions: Human resource management, organisational change, sustainability, Affect and well-being; work-life balance; motivation and job design, Diversity and equality; ethics in organisations
- Entrepreneurship and strategy: Entrepreneurship, strategy, and international business
- Finance: Asset Pricing, Banking, Corporate Finance, Environmental Finance, Financial Technology, Investment Management, Market Microstructure
- Information technology and innovation: Operations, supply chain management and innovation, Technology management, Information systems, and social media
- Marketing: Consumer Behaviour, International Marketing, Consumption, Digital Marketing, Services, Branding, Relationship Marketing

- Responsible business and regulation: Corporate Governance, Shareholder Activism, Environmental and Social Governance; Digital Policy, Digital Services, Markets and Regulation; European Union Governance and Policy, Energy, Water, and Environment and Sustainability; Industrial Organisation, Markets, Consumers and Consumer Protection, and Competition Policy and Regulation

## CHEMISTRY

- Chemistry of Materials and Catalysis: Organic and inorganic synthesis; organic mechanisms; medicinal chemistry; novel catalyst development; chemical analysis; organometallics and coordination complexes; liquid crystals, supramolecular assemblies; nanomaterials; Polymer synthesis and characterisation; microplastics.
- Chemistry of Light and Energy: Theory of light matter interactions; lasers and optical spectroscopy; photobiology; light harvesting; light emitting diodes; photochemistry; molecular dynamics; energy conversion materials; colorimetric nanosensors.

- Chemistry of Life Processes: biophysical chemistry; metalloproteins; protein structure and dynamics; theoretical simulation; protein engineering and genetic programming; nitrogen cycle enzymes; extracellular electron transfer mechanisms; membrane transporters; protein-protein interactions; nanoscience for drug delivery and intercellular sensing

## CLINICAL PSYCHOLOGY

- Behavioural Sleep Medicine
- Child and Youth Post-traumatic Stress Disorder (PTSD)
- Dementia and older people
- Neuropsychology of Acquired Brain Injury and Stroke
- Psychological approaches to understanding and treating Psychosis

## COMPUTING SCIENCES

- Actuarial Sciences
- Colour and Vision
- Computational Biology and Bioinformatics
- Cyber Security
- Data Analytics for Improved Decision Making
- Data Mining and Knowledge Discovery
- Graphics
- Internet of Things and Edge Computing
- Machine Learning, Statistics and Data Science
- Speech and Audio
- Telecommunications and Connected Society

## ECONOMICS

- Behavioural approaches to decision theory, collective decision making and group formation, heuristics and biases in decision making.
- Economics and econometrics of digitization, networks, online markets, crowdfunding, and cryptocurrencies.
- Environmental and resource economics - energy economics, natural resource management, behavioural environmental economics, sustainable growth and development, climate change economics, environmental policy and optimal resource taxation.
- Industrial organization, competition in digital markets, empirical evaluation of competition outcomes and competition policy.
- Modern macroeconometrics, including Bayesian methods, structural VAR modelling, financial econometrics.
- Origins and consequences of social tension and conflict - violent and non-violent conflict and human behaviour, inequality, migration.

## EDUCATION AND LIFELONG LEARNING

- International education and social change: adult literacy and international development; community learning; decolonisation; internationalism and higher education policy; lifelong and informal learning; minority groups and mobility; widening participation, inclusion and equity of access in HE
- Lifelong learning cultures: digital technology, social media and digital resilience; gender and sexuality
- Pedagogy, curriculum and professional learning: childhood/youth cultures and identities; English, curriculum and pedagogy; futures education; Mathematics education; public pedagogies, popular culture; sport, health, physical education and wellbeing; teacher education; TESOL (teaching English to speakers of other languages); speculative and digital research methodologies

## ENGINEERING

- Design, modelling and optimisation of the electrical machines and drives
- Energy storage
- Functional materials
- Graphene and nanostructured materials
- High-resolution drop-on-demand printing technology
- Intelligent energy buildings
- Multiscale fluid mechanics and heat transfer

## FILM, TELEVISION AND MEDIA STUDIES

- British Film and Television
- Film and Television Studies
- Feminist Media Studies
- Genre Studies
- Media and Cultural Consumption
- World and National Cinemas

## HEALTH SCIENCES

- Acquired brain injury recovery
- Care in later life
- Communication and cognition
- Diagnostic testing
- Inclusion
- Management of neurodegenerative conditions
- Musculoskeletal rehabilitation
- Sleep and brain health
- Supportive, palliative and end of life care
- Understanding and changing behaviour
- Workforce wellbeing

## HISTORY

- British history
- European history (in particular France, Germany, Italy, the Balkans, east and central Europe, including Russia and the former Soviet space)
- Histories of migration and race
- History of the Atlantic world
- History of the Middle East
- Imperial, diplomatic, and military history
- Indian/South Asian history (especially histories of medicine and religion)

## INTERNATIONAL DEVELOPMENT

- Agriculture, nutrition and health
- Behavioural and experimental economics
- Climate change, adaptation and disaster risk management
- Development aid and practice
- Education, childhood and youth
- Environmental justice/ indigenous rights
- Gender and inequality
- Impact evaluation
- Media and humanitarian communication
- Migration
- The state, governance and conflict
- Water security

- Atmospheric and ocean sciences, polar sciences, autonomous vehicles
- Biological oceanography, marine biology, biogeochemistry, microbial ecology, sediment ecology
- Climate science and climate change science
- Climate solutions: decarbonisation and net zero, adaptation and resilience
- Ecological economics and ecosystem services
- Ecology, conservation ecology, tropical ecology, movement ecology, host-parasite co-evolution, land-use change
- Environmental biology, conservation biology, genomics
- Geology, geophysics, hydrogeology, catchment science, natural hazards and resources
- Green economy, low carbon energy transitions
- Hazard risk communication, adaptation and disaster risk management
- Human and physical geography of the environment
- Science, society and sustainability

## ENVIRONMENTAL SCIENCES

- Intellectual history and the history of political thought
- Japanese History
- Landscape and environmental history
- Local and regional history
- Medieval and early modern history

## LANGUAGE AND COMMUNICATION STUDIES

- (Critical) discourse analysis
- Cross-cultural cognitive linguistics
- Intercultural communication
- Theoretical and applied pragmatics
- Translation and interpreting

## LAW

- Company and commercial law including dispute resolution/ arbitration; international commercial litigation; insurance and carriage of goods; business and human rights; corporate governance; theory of the firm.
- Competition law and economic regulation.
- Criminal law and criminology, including policing and criminal justice; prisons; punishments, rehabilitation and desistance.
- EU law and Brexit/ secession and devolution.
- Gender inequality and caring responsibilities.
- International and comparative law including international economic law (WTO law & investment law), and sustainable development/ international environmental law.
- Jurisprudence and legal theory, including Law and Economics; Law and Globalisation.
- Media, intellectual property (IP), information technology (IT), and data protection law.
- Medical law.
- Private law including contract, tort, property law and land use; comparative private law; European private law; economic approach to private law issues.
- Public law, human rights, and public protest.
- Refugee law and displacement, including climate-induced displacements.

## LITERATURE, DRAMA AND CREATIVE WRITING

- Creative writing
- Life writing and creative non-fiction
- Literary translation and translation theory
- Medieval and early modern writing
- Modern and contemporary literature, including poetry

- Algebra and Combinatorics
- Environmental Mathematics
- Fluid Mechanics and Fluid-Structure Interaction
- Industrial Mathematics
- Logic
- Mathematical Biology
- Number Theory
- Quantum fluids

## MATHEMATICS

- Cancer studies
- Cardiovascular and metabolic health
- Clinical trials
- Diabetes
- Epidemiology, public health and preventative medicine
- Gastroenterology and gut biology
- Health economics
- Health services research and primary care
- Mental health, including dementia
- Microbiology, infection and immunity
- Musculoskeletal medicine
- Nutrition

## MEDICINE

- Matter, Light and Quantum Theories: Non-linear and quantum optics; quantum fluids; Bose-Einstein condensates; topological defects and phenomena.
- Astrophysics, Planetary Systems and The Environment: relativistic astrophysics; neutron stars; molecular astrophysics; magnetohydrodynamics; terrestrial and planetary geophysics; geophysical fluids; oceanography; meteorology; planetary atmospheres; seismology; geodesy.

## PHYSICS

- Chemical, Biological and Materials Physics: Photophysics and laser spectroscopy; biophysics; excited state dynamics; photoswitchable molecules.

## POLITICS

- Critical global politics and international relations
- Cultural politics, political communication, and media
- Politics, public policy and political theory

- Cognitive neuroscience
- Developmental science
- Social psychology

## SOCIAL WORK

- Child protection
- Children and families in adoption
- Children in care
- Social work decision making
- Social work with people with mental health problems
- Support for vulnerable families
- Young people and crime

## SOCIOLOGY

- Experiences of Health and Illness
- Aging and Disability
- Social Policy
- Environmental Sociology
- Gender Offending and Victimization

THE NEXT STEP IS YOURS

POSTGRADUATE RESEARCH 2023

UEA  
University of East Anglia