



THE
NEXT STEP
IS YOURS

POSTGRADUATE RESEARCH 2021

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 distinctive city with its laid back culture 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 intu Chapelfield 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 many green spaces offer the perfect balance to busy city life, providing room to breathe and space to think. Explore the river, 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 students with access to a world-leading science base, bringing six major research institutions together on one site.

The Park has an annual research spend of over £130 million and conducts cutting-edge multidisciplinary research in critical areas of Food and Health, Climate Science, Industrial Biotech, Agriculture Biotechnology, Genomics and Medical Technology.

FIND OUT MORE
www.uea.ac.uk/pgr-apply





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 2019)

WORLD TOP
200
UNIVERSITY
(TIMES HIGHER EDUCATION
WORLD UNIVERSITY
RANKINGS 2021)

NORWICH IS A TOP
10
UK CITY FOR HIGHLY CITED
RESEARCHERS (CLARIVATE
ANALYTICS, HIGHLY CITED
RESEARCHERS 2018)

PhDs AND RESEARCH DEGREES A CLOSER LOOK

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, MPhil 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) and Medicine (MD). Find out more at: www.uea.ac.uk/pg-r-apply

FINDING A SUPERVISOR

Working closely with an academic supervisor gives you the support to carry out your own independent research and make your own mark. We have a wealth of remarkable academics, but how do you know which team will be right for you? We suggest you look at our website, check out some academics and read up on some of their publications. We can also help match you with a supervisor who is the right fit for you.

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.

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 £26,445 for new students studying for a UK doctorate in any subject. Eligibility, terms & conditions apply: www.gov.uk/doctoral-loan

DOCTORAL TRAINING PARTNERSHIPS (DTP/CDT)

UEA is involved in several 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/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/partnerships-in-doctoral-training

AgriFoRwArDs CDT (Agri-Food Robotics and Autonomous Systems – EPSRC funded): www.uea.ac.uk/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

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

DART iCASE programme (Doctoral Antimicrobial Resistance Training – MRC funded): www.uea.ac.uk/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/mrc-dart-icase

NRP Biosciences DTP (Norwich Research Park – BBSRC funded): www.biodtp.norwichresearchpark.ac.uk

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

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/research/research-with-us/postgraduate-research/latest-phds-and-research-studentships/edesia

The **Rotation Programme in Plant and Microbial Sciences** is an internationally-leading 4-year multi-disciplinary 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/postgraduate-opportunities/rotation-phd/

ENTRY REQUIREMENTS

Typically, we ask for at least a 2.1 or Master's (and 6.5 or 7.0 IELTS).

It is normally expected that students wishing to undertake postgraduate research in the Faculty of Arts and Humanities or Social Sciences will hold a relevant Master's degree (and 7.0 IELTS, where evidence of English language is required).

Applicants to the Faculty of Science or Medicine and Health Sciences can either have a Master's degree or a strong Bachelor's degree, equivalent to UK 2.1 or above (and 6.5 IELTS).

Entry requirements vary across Schools and courses. Please check UEA's postgraduate research webpages for more information.

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), or apply to an advertised research project (research-led).

We recommend contacting a potential supervisor before applying, particularly if your research will be in the Faculty of Science.

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 or <https://www.uea.ac.uk/course/phd-doctorate/doctorate-in-educational-psychology-edpsyd>

APPLY ONLINE

www.uea.ac.uk/pgr-apply



“AS A POSTGRADUATE STUDENT AT UEA, I HAVE FOUND THE ENVIRONMENT AND PEOPLE VERY SUPPORTIVE. WHETHER IT IS LIBRARY STAFF, CAREER CENTRE STAFF, SUPERVISORS AND OTHER ACADEMICS, OR OTHER STUDENTS, I ONLY HAVE PRAISE FOR THE SUPPORT I HAVE RECEIVED.”

**JUDITH FYNN,
PHD IN PUBLIC HEALTH**

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
15
UNIVERSITY
(THE TIMES/
SUNDAY
TIMES 2019)

RANKED
10TH
IN THE UK
FOR QUALITY OF
RESEARCH OUTPUTS
(TIMES HIGHER
REF2014 ANALYSIS)

OVER
82%
OF UEA
RESEARCH IS RATED AS
'WORLD LEADING' OR
'INTERNATIONALLY
EXCELLENT'
(REF2014 ANALYSIS)



POSTGRADUATE RESEARCH THEMES

Our broad range of postgraduate research areas demonstrates the variety of research you can get involved in at UEA. You will have the chance to become a valued member of our diverse research community, working together to tackle global challenges.

AMERICAN STUDIES

- American history
- American literature
- Area Studies
- Environment, space and place
- Histories of power and protest
- Popular and avant-garde cultures
- Transatlantic and transpacific studies

ART

- Art and post-colonial studies
- Material Culture, Anthropology and Archaeology
- Medieval art and architecture
- Modern and contemporary art
- Museums, heritage and archives

BIOLOGICAL SCIENCES

- Cells and tissues: biomedicine, cancer biology, cardiovascular biology, molecular genetics, musculoskeletal biology, molecular pharmacology, developmental and stem cell biology
- Molecular microbiology: biochemistry, physiology, ecology, cell and developmental biology, elemental cycle, environmental microbiology, discovery of novel antimicrobial agents
- Organisms and the environment: biodiversity, conservation, behavioural ecology, evolutionary ecology, evolutionary biology, macroecology, molecular ecology, population biology
- Plant sciences: plant RNA biology
- Synthetic biology of plants and microbes

BIOLOGICAL SCIENCES AND MEDICINE: NORWICH BIOSCIENCE INSTITUTES

John Innes Centre, the Quadram Institute Bioscience, the Earlham Institute and The Sainsbury Laboratory.

- Evolutionary biology and population genomics
- Food, nutrition and health
- Food safety: microbes in the food chain and food authenticity
- Genomics, computational and systems biology
- Gut: biology, health, microbiome
- 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, auditing, performance management and big data, integrated and sustainability reporting
- Business regulation
- Corporate social responsibility
- Entrepreneurship and strategy
- Finance, corporate governance, and banking and investment
- Green Economy
- Human resource management, and organisational psychology and behaviour
- International business
- Marketing, consumer behaviour, and international business

- Operations, supply chain management, and innovation
- Organisational change, employee wellbeing, diversity and inclusion, and social value
- Technology management, information systems, and social media

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

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

- Big data methods
- Collective decision making and group formation
- Competition in digital markets
- Development and environmental economics
- Dynamic macroeconomics
- Economics of networks
- Empirical evaluation of competition/competition policy
- Experimentics
- Financial economics and econometrics
- Heuristics and biases in decision making
- Industrial organisation
- Origins and consequences of conflict
- Strategic reasoning and identity in groups and teams

EDUCATION AND LIFELONG LEARNING

- International education and social change: adult literacy and learning; higher education; globalisation and policy
- Lifelong learning cultures: youth and identities, digital cultures and public pedagogies
- Pedagogy, curriculum and professional learning: Teaching English to Speakers of Other Languages (TESOL), English for Academic Purposes (EAP), language education, corpus linguistics; mathematics education; teaching and learning in English education; sports, physical education and well-being

ENGINEERING

- Functional materials
- Graphene and nanostructured materials
- Multiscale fluid mechanics and heat transfer
- Optical fibre sensors based on nanostructured coatings
- Optimization driven design and computational mechanics
- Solar Energy and photovoltaics

ENVIRONMENTAL SCIENCES

- Climate research and climate change
- Ecology and environmental biology
- Environmental economics and ecosystem services
- Geosciences and natural hazards
- Human and physical geography of the environment
- Ocean and atmospheric sciences
- Science, society and sustainability

FILM, TELEVISION AND MEDIA STUDIES

- British film and TV
- Genre in film and TV
- Media audiences
- Mediations of gender and sexuality
- Popular culture

HEALTH SCIENCES

- Acquired brain injury recovery
- Behavioural and implementation science
- 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
- Workforce wellbeing

HISTORY

- British history
- European history (in particular France, Italy, Germany, Russia, the Balkans and Central Europe)
- Global history

- History of South-Asian, Japanese and Indian history
- History of the Atlantic world(s)
- History of the Middle East
- Imperial history and cultural diplomatic history
- Intellectual history and the history of political thought
- Landscape and environmental history
- Local and regional history
- Medieval history

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

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, and international commercial litigation, insurance and carriage of goods, and business & human rights
- Competition law, and law & economics
- Criminal law (including international criminal law), policing and criminal justice
- EU law and Brexit/secession and devolution
- Gender inequality and caring responsibilities

- International and comparative law including international economic law (WTO law and investment law), and sustainable development/international environmental law
- Jurisprudence and legal theory
- Media, intellectual property (IP), information technology (IT), and data protection law
- Medical law
- Private law: contract, tort, property law and land use
- Public law, human rights, and public protest
- Refugee law and displacement

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

MATHEMATICS

- Algebra and combinatorics
- Biological and industrial mathematics
- Environmental mathematics
- Fluid and solid mechanics
- Logic
- Mathematical physics
- Quantum fluids
- Representation theory

MEDICINE

- 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

PHARMACY

- Nutrition, inflammation and age-related diseases
- Cancer research
- Drug formulation and delivery
- Epigenetics
- Improving pharmacy practice
- Medicinal chemistry and chemical biology
- Natural product discovery and synthesis
- NMR spectroscopy
- Patient adherence to medication
- Pharmaceutical characterisation
- Cell and molecular biology
- Soft matter

PHILOSOPHY

- Application and interpretations of Wittgenstein
- Environmental philosophy
- Experimental philosophy
- Phenomenology and Existentialism
- Philosophy of language
- Philosophy of science

PHYSICS

- 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
- 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

PSYCHOLOGY – CLINICAL PSYCHOLOGY, MEDICAL SCHOOL

- Clinical health psychology across the lifespan
- Clinical psychology of childhood and adolescence
- Cognitive, emotional and social consequences of stroke and brain injury
- Psychological distress and disorders in adult populations
- Psychology of childhood and adolescence
- Sleep and disorders of sleep

PSYCHOLOGY – EDUCATIONAL PSYCHOLOGY, SCHOOL OF EDUCATION

- Doctorate in Educational Psychology

PSYCHOLOGY – SCHOOL OF PSYCHOLOGY

- 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

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. GET IN TOUCH WITH POTENTIAL SUPERVISORS, AS EARLY AS POSSIBLE
4. REMEMBER TO CHECK THE DEADLINES!
5. DISCUSS YOUR DRAFT PROPOSAL AND INTERESTS WITH YOUR SUPERVISORS
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: <https://www.uea.ac.uk/research/research-with-us/postgraduate-research>

KEY DATES

EXPECTED UEA AND UK RESEARCH COUNCIL DEADLINES FOR OCTOBER 2021 ENTRY

Apply by these deadlines if you are seeking UEA or Research Council funding. In each case a specific deadline (eg 30 November 2020) will be advertised once it is known at: www.uea.ac.uk/pgr-apply

- **NRP Biosciences DTP:** 23 November 2020
- **Doctorate in Clinical Psychology:** November 2020
- **Doctorate in Educational Psychology (EdPsyD):** November 2020
- **EDESIA:** 11 January 2021
- **Science Studentship Competitions:** 15 January 2021
- **John Innes Centre/The Sainsbury Laboratory Rotation Programme:** 18 January 2021
- **Social Sciences/SeNSS:** 18 January 2021
- **AgriFoRwArdS CDT:** January 2021
- **ARIES DTP:** January 2021
- **Arts and Humanities/CHASE DTP:** January 2021
- **Professional Doctorate in Health and Social Care (ProfD HaSC):** 30 June 2021

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

GENERAL APPLICATION DEADLINES FOR 2021 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	
	Home	International
1 February 2021	30 November 2020	30 September 2020
1 June 2021	31 March 2021	31 January 2021
1 October 2021	31 July 2021	31 May 2021

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