



Faculty of Science  
**Natural Sciences**  
Undergraduate Courses

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**50**UEA  
Fifty Years of the University of East Anglia



# Welcome to Natural Sciences

Our natural sciences degrees are our only programmes where the choice of science subjects studied is taken by you, the student.

Do you want to understand not only the biological complexities of how a virus spreads through a population, but also the computational techniques necessary to predict and illustrate it? Do you want to be able to explain the causes of a tsunami, and to use mathematics to predict how the wave travels, and to understand the economics of how it impacts on vulnerable people? If the answer to these questions, or to thousands more like them is “yes” then you should consider natural sciences.

Whatever choices you make, you will benefit from being taught in science departments where the research and teaching is considered excellent internationally. You will learn from scientists who are at the forefront of their field, who will share their latest results with you in lectures, seminars, fieldwork or practical classes. You will experience what is required of a competent scientist; from the careful thought needed to design an experiment in any science, through painstaking consideration of the results, to the sense of discovery and excitement of finding something new.

If you are enthusiastic about studying several branches of science, and want to think across traditional subject boundaries, then this could be the degree for you.

I look forward to welcoming you to Natural Sciences at the University of East Anglia.

Dr Martin Loftus, Head of Natural Sciences

## Why Study Natural Sciences at the University of East Anglia?

We provide our students with a unique opportunity to enrich and broaden the study of science and mathematics, by exploring the links between different scientific disciplines and how they relate to the world around us.

Our natural sciences degrees are taught within the Faculty of Science, a strongly integrated and innovative science cluster comprising departments in the core sciences of biology, chemistry, physics and mathematics as well as interdisciplinary sciences such as environmental sciences, computing sciences and engineering.

### Flexible Course

You will study subjects from at least two disciplines throughout the duration of the programme with at least 20 per cent taken in each of your chosen 'major disciplines'. With your remaining time you will have the opportunity to study a wide range of different subjects.

You will be allocated an academic adviser who will be a member of faculty that regularly teaches and researches in your chosen specialism, and they will assist you in developing a suitable course profile. Study is split into thematic modules. Your adviser will ensure that you enrol on the required number of credits in your chosen 'major' and that you meet any prerequisites for honours level modules you may wish to take. The options are numerous and the modules and tracks available to you will depend on your entry qualifications and subjects.



### Research Excellence

Our Faculty of Science already has an excellent reputation for conducting world-class interdisciplinary research. In the most recent Research Assessment Exercise (RAE 2008), all of our science departments were rated as having world-leading research and over 93 per cent of the research outputs were assessed as being of international quality. Our research success has secured our ranking as one of the top fifteen research intensive universities for science in the UK.

Our stimulating 'research-led' teaching programme ensures you will:

- Be taught at the cutting-edge of your subject
- Have the opportunity to undertake some original interdisciplinary scientific research
- Develop excellent practical skills through laboratory work, workshops and field courses.

As an integral part of the Norwich Research Park, we also have strong links with our partners at the John Innes Centre, Sainsbury Laboratory and Institute of Food Research on the Norwich Research Park and the Norfolk and Norwich University Hospital as well as the Norwich Medical School in the Faculty of Medicine and Health Sciences.

### Our Approach to Teaching

The quality of teaching within all Schools in the Faculty of Science was rated very highly in recent external assessment exercises. The University has been in the top ten for student satisfaction every year since the National Student Survey began in 2005 and we continuously listen to feedback from students about how to improve our courses.

We teach a wide spectrum of topics in the form of individual course modules. The value of individual course modules varies from 20 credits to 60 credits, depending on the length of the module and the level of assessment.

Students must earn 120 credits in each year of study to qualify for an honours degree. Assessment is based on a combination of exams and coursework.

Most modules are taught through lectures, seminars and practical classes. Fieldwork is also an important element of many modules in the Schools of Environmental Sciences and Biological Sciences. Group working, project reporting, poster preparation, role-playing and seminar presentations develop your portfolio of transferable skills. Independent research skills are developed throughout your degree, culminating in a research project in the final year.

You can be sure that you will graduate with a thorough training as a scientist, able to carry out research, evaluate and explain the meaning of scientific evidence to companies and policy makers.

### Opportunities Abroad

Our four-year BSc degrees offer the chance to spend a year abroad and we have strong links with universities across the globe. Going to university in another country will mean that you have the benefit of immersing yourself in a different culture and language whilst graduating with a highly interdisciplinary science degree. Locations include universities in North America, Australasia and Europe. See page 6 for more information.

### Industry Placements

An exciting opportunity for prospective students is to undertake a four-year degree programme that includes a year in industry. This enables you to develop unique skills in a stimulating and challenging research environment, whilst increasing your employment prospects after graduation. See page 7 for more information.

## Careers and Employability

Many employers value interdisciplinary qualifications over the traditional specialist degree programmes, so whatever your career aspirations a natural sciences degree from UEA will be highly regarded.

Our programmes are an excellent preparation for many careers, but the specific options open to you will largely depend on your chosen specialism.

Examples of careers open to natural sciences graduates include:

- forensic scientist
- information scientist
- patent examiner
- teacher
- research scientist
- scientific journalist
- laboratory technician
- technical author.

Typically one third of our science graduates pursue further academic study in the form of an MSc or PhD.

### Transferable Skills

It is not only technical skills and subject specific knowledge that we empower our students with during their time with us. As well as high levels of literacy and numeracy, our graduates are proficient in data collection, collation and management and are experienced at understanding and analysing complex systems, and devising strategies of intervention. These activities require abilities in critical thinking and time management which you will develop to a high level during your degree. As well as organisational and analytical skills, our graduates possess the ability to work as part of a team and to communicate effectively.

This wide portfolio of skills will benefit you whether you continue in your chosen scientific field, or if you decide to opt for the non-scientific path into business or management.

### Careers Support

Of course the employment market is very competitive, and we endeavour to ensure that all our students receive advice and training to prepare them for the transition to employment or further study.

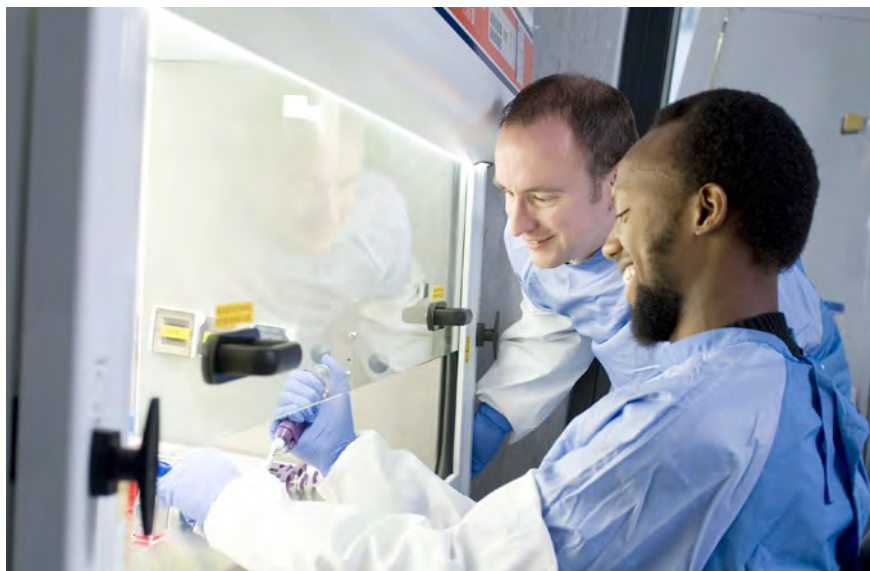
The UEA Careers and Employability Service supports students to reflect on their skills and aspirations and relate these to potential jobs and careers. They also give advice and run invaluable workshops on finding vacancies, interview techniques and how you can write your CV effectively for job or higher-degree applications.

You'll also have access to a large careers information library providing occupational profiles and employer information.

EmployAbility is a service run jointly by the Careers Centre and the Union of UEA Students to provide students with valuable work experience opportunities, as well as part-time and vacation work. The Careers Centre also offers Careerlink, a network of UEA graduates and other professional contacts who are happy to advise current students about their occupation so you can get first hand information about your field of interest. Overall the range of careers open to natural sciences graduates is staggering and with a little creative thinking the job of your dreams can be yours!

[www.uea.ac.uk/careers](http://www.uea.ac.uk/careers)

The opportunity to spend a year in industry provides an invaluable chance to gain valuable work experience.



## Our Graduate's Experience

“The Natural Sciences course at UEA had the most flexibility when it came to module choices compared with all the other universities I looked at. I also preferred the location of the University: I found the combination of being close to a busy city along with a lot of green space very appealing.”

### Chris McCrave

**Graduated**  
BSc Natural Sciences

**Company**  
Johnson Matthey

**Occupation**  
Prototype Samples  
Technician



#### What did you enjoy about your course?

I thoroughly enjoyed studying natural sciences. Being able to take the modules that I was most interested in meant that I enjoyed all of my lectures, rather than being forced to learn about things I wasn't particularly enthused about.

The support for natural sciences students is fantastic. Personal tutors can advise you on which module combinations would be best for you to take, and you are put in contact with second and third year natural sciences students at the start of your degree. The older students are in a good position to give you hints and tips on your upcoming studies and student life.

#### Can you tell us about your lecturers, teaching and the facilities?

The facilities are very modern and up to date. The lecturers are all experts in their respective fields, so it's clear they know what they're talking about. They are also very approachable, and are more than happy to be contacted with queries about their module content. There is a variety of teaching methods employed, which is nice, with most modules comprising some combination of labs, lectures and seminars. The library, as well as being quite iconic, is well stocked with all of the relevant textbooks natural sciences students will need.

#### Can you tell us about your career so far?

After graduation, I applied through an agency for a position at Johnson Matthey, a precious metals company. After passing an assessment day, I was hired on a fixed-term contract to produce prototype catalytic converters for customers such as Toyota, Daimler and Porsche.

When the contract came to an end in January 2012 I was offered a permanent position at the company, which I happily accepted.

Whilst I enjoyed the work, I began applying to various graduate schemes that looked interesting. I managed to get a place on the KPMG Forensic Accounting graduate scheme, and I will begin my training later this year.

#### How has your course helped you in your current role?

Studying natural sciences helped me to get my current job, as my science background provided a strong substitute for not having worked in the chemical industry before. Whilst I didn't particularly enjoy preparing presentations during my degree, I have found it to be one of the most useful skills I graduated with, as I have had to deliver presentations both in my current job and during job interviews.

#### Did you gain any work experience whilst a student?

During my three years at UEA I volunteered for Nightline, Norfolk and Norwich University Hospital and the Norwich SOS Bus project. I found this voluntary work to be invaluable upon graduating, as it gave me transferable skills, such as leadership, conflict-management and working in a team, as well as experiences that I could talk about when answering competency-based questions during job applications.

#### What advice would you give to new students?

Try and use some of your spare time to gain new skills and experiences. This could be through joining a club or society, or by doing some voluntary work. This will help make you stand out to future employers, who will be looking for individuals who can bring more than just their degree to the organisation. UEA makes this very easy to do, by running society fairs and maintaining a detailed database of current voluntary opportunities.

## Natural Sciences

For further information **T** 01603 591515  
**E** [admissions@uea.ac.uk](mailto:admissions@uea.ac.uk)  
[www.uea.ac.uk/natsci](http://www.uea.ac.uk/natsci)

### MNatSci Natural Sciences

**UCAS code** CGF0

**A level (typical offer):** A\*AA

**International baccalaureate:** 35

(incl 3 HL subjects at grade 6)

**Length of course:** 4 years

### BSc Natural Sciences

**UCAS code** CFG0

**A level (typical offer):** AAA

**International baccalaureate:** 34

(incl 3 HL subjects at grade 6)

**Length of course:** 3 years

### With a Year Abroad

**UCAS code** CFGA

### With a Year in Industry

**UCAS code** GCF0

**A level (typical offer):** A\*AA

**International baccalaureate:** 35

(incl 3 HL subjects at grade 6)

**Special entry requirements:** GCSE

grade B or above in the language of instruction for the year abroad

**Length of course:** 4 years

Typical offer grades are for guidance only – please refer to [www.uea.ac.uk/nat/courses](http://www.uea.ac.uk/nat/courses) for more detailed and up-to-date course information.

Our range of Natural Sciences programmes are ideal if you wish to combine study in more than one science area but retain a larger degree of flexibility than joint degrees allow.

### BSc Natural Sciences

The first year provides a good opportunity to build on your existing knowledge in the key areas of science that you are interested in, and possibly discover new avenues of study available at university level.

From the second year you develop your interests into specialisms. The overall mark for the second year contributes to 40 per cent of the final degree classification.

In the final year you would undertake an individually supervised research project in your chosen discipline. This year contributes towards 60 per cent of your final degree classification.

### A Year Abroad

If you select one of these four-year degrees, your third year is spent at an exchange university in Australasia, North America or Europe. Your choice of exchange university for the year abroad may be influenced by the module choices you are taking and the research strengths of the individual institutions. We do our utmost to place you at your preferred location and establishment. We regularly review our exchange institutions to make sure they offer the most choice and added value to our students.

### Funding a Year Abroad

The advantage of our exchange programmes to Australasia and North America is that you do not pay tuition fees to your exchange institution. These costs are covered by the tuition fees you pay here, and moreover, for the year you are overseas you only pay half of your standard tuition fee.

The exchanges to European institutions form part of the UK Government's Erasmus scheme. Home/EU students who spend a full academic year on such a placement are not required to pay any tuition fees to either university (optional language courses at the host university may incur a cost). If you are

an international student then you pay only 25 per cent of your normal overseas tuition fee to UEA during the year abroad.

Typical additional costs involved for you include transport to and from your overseas destination and living costs, including medical insurance.

### Europe

If you follow the European year abroad variant you will take appropriate language modules during your second year at UEA. The employment advantages you will gain from the knowledge of a European language will be invaluable. Current universities that we have exchange programmes with include, amongst others: Marseille (France); Granada (Spain); Amsterdam (Netherlands); Freiburg (Germany); Madrid (Spain); Brussels (Belgium).

### North America

Studying in North America as part of your degree course, allows you to develop interests in areas at the forefront of research in that region and many students forge ongoing links with their partner university. Currently the Faculty of Science has exchange programmes with: University of British Columbia, Vancouver; University of Miami, Florida; University of California; University of Calgary, Alberta; University of Texas.

### Australasia

Spending a year in Australasia allows you to experience the vast geographical diversity and cultures of the southern hemisphere. Most students who go abroad do take advantage of the opportunity to explore the country in which they are based. Currently the Faculty of Science has exchange programmes with: Macquarie University, Sydney; Lincoln University, Canterbury New Zealand; Murdoch University, Perth; Griffith University, Brisbane; University of Auckland, New Zealand; Monash University, Melbourne.



“Natural Sciences offered the flexibility to allow me to pursue a variety of subjects. I wasn’t able to make a choice about which area of science I wanted to study so it was ideal to postpone that decision for another year. As it turned out, the subjects I thought I’d end up liking turned out to be very different at university and I discovered new ones that I enjoyed.”

Graham Walkden, Natural Sciences Student

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### A Year in Industry

This degree programme is four years duration with the work placement taking place during your third year, with a minimum of nine months and a maximum of 14 months full time employment.

Throughout the work placement, you will maintain close contact with an assigned mentor at UEA who will also visit you at least once during the year. You will also be supported by an industrial supervisor. You keep a regularly updated work diary, so that your mentor will be able to ensure you are fulfilling all of the necessary learning objectives. Assessment of the year will be via a written report marked by both supervisors and a presentation.

Current links with industry include amongst others: Local and National Government; Astra Zeneca; Environment Agency; GlaxoSmithKline; ICI; AVIVA; Barclays Bank.

We expect students to seek their own work placements. Not only will this ensure that you work within your preferred field of science, it will also provide you with the essential job-hunting skills you will require after graduation. We will, of course, offer our guidance whilst students are identifying and negotiating placement opportunities.\*

### Financial Benefits of a Year in Industry

Students spending a year in industry as part of their degree will only pay £900 tuition fees for that year (2012 figures). And, of course, you are typically paid by the placement provider during the year, which is a great way to help fund your continued studies.

For the latest on financial arrangements for our year in industry students please visit:

[www.uea.ac.uk/finance](http://www.uea.ac.uk/finance)

### MNatSci Natural Sciences

The four-year integrated Master’s programme enables you to undertake advanced study in at least two science disciplines.

The first three years of the course are in common with the BSc degree. In your final year you will further tailor your degree, by selecting master’s level modules. This enables you to acquire specialist knowledge of your chosen science ‘majors’ by studying them in greater depth at the cutting edge of science.

You will continue to develop a range of transferable skills of value in general employment, equipping you for a diverse selection of career paths in the scientific community, including a research career.

You will also undertake a substantial independent research project drawing on in-depth knowledge of one, or both, of your science ‘majors’. In doing so you will come into direct contact with researchers in the Faculty of Science, many of whom are internationally recognised in their particular discipline.

Your final degree classification is based on; Year 2 – 20 per cent, Year 3 – 30 per cent and Year 4 – 50 per cent.

### Subject Themes

With all of our natural science degrees, you will specialise in a minimum of two key subject themes throughout your programme of study. Specific modules within each of the themes are available across the extensive range of course modules in the Faculty of Science. You will receive guidance and support from your academic adviser as how to best select modules that suit your interests.

In the themes on the right we detail some of the subject areas available for both the BSc and MNatSci courses. Please note that course modules may be reviewed and changed in future years of study. Full module options for the current academic year are available for each programme at:

[www.uea.ac.uk/nat/courses](http://www.uea.ac.uk/nat/courses)

### Example Subject Themes

#### Biology

- Cell Biology
- Microbiology
- Plant Biology
- Ecology.

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#### Chemistry

- Organic Chemistry
- Inorganic Chemistry
- Physical Chemistry
- Analytical Chemistry.

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#### Computing

- Computing Fundamentals
- Theoretical Computing
- Statistical Methods
- Advanced Graphics.

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#### Environmental Sciences

- Volcanoes and Tectonics
- Meteorology
- Oceanography
- Geology.

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#### Mathematics

- Algebra
- Calculus
- Coding Theory
- Lagrangian Systems.

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#### Physics

- Astrophysics
- Electricity and Magnetism
- Waves
- Medical Physics.



## Hannah Bloomfield

### MNatSci Natural Sciences

#### A Levels

Chemistry  
Physics  
Maths  
Further Maths

#### Originally from

Bury St. Edmunds  
Suffolk

#### Tell us about your career plans for the future?

After graduating I plan to apply for a PhD. The research project that I will be completing in my final year will be great preparation to see if research is really what I want to do.

The field trips we go on have opened up a lot of possible career paths to me too, for example last year I had the chance to visit BBC Look East and see how professional weather forecasters work.

Modules often contain guest lecturers from the Norwich Research Park or other industries which give you an insight as to what you can do with all your new knowledge.

#### How did you find living on campus?

University life is a big step from living at home, but spending your first year in halls helps to ease the transition, as there will always be someone around to help you out.

In the first year I lived in Paston House, which was one of the premium en suite accommodation blocks. My room was spacious with plenty of storage space and the en suite bathroom was a great added bonus. The communal kitchen was a nice place to sit and socialise, and the facilities were all modern and well maintained. Living with 12 people was a good number as it meant there were always going to be a few people in your flat who you get on with really well.

#### How have you found living in private accommodation after your first year?

My student house is located about ten minutes away from campus and a twenty minute walk from the city centre. The two houses I've stayed in have both been spacious and the landlords have always been friendly and helpful if we've had any problems.

#### Why did you choose to study at UEA?

The huge flexibility of the natural sciences course here appealed to me and I fell in love with the campus when I first visited.

No other university gives you the amount of freedom and choice that a UEA natural sciences degree does. The degree that you come out with can be as broad or as specialised as you want it to be.

#### What have you enjoyed about your natural sciences course at UEA?

The average contact time is around 15-20 hours a week, which is a fantastic amount, as it means you have plenty of time to complete all work that is set and make the most of your time at university. Most of the lecturers have an open door policy and we have regular seminars, so extra help is always available if you need it. I really like that we get an academic adviser to help us, and it takes the stress out of a lot of big decisions.

Creating your own degree from scratch as you do here at UEA can initially seem daunting, but I've found it a fantastic way to get the most out of my university experience. I'm only studying subject areas I have an interest in.

During her studies Hannah has taken full advantage of the facilities and opportunities available to her at UEA and is reaping the benefits, both academically and socially.

**How did you find settling into university life when you first arrived?**

There was so much going on when I first got here that there wasn't time to worry about making friends or being homesick. There was so much to do on campus in welcome week and activities were also set up by our course director, so that when we started going to lectures there were already a few familiar faces.

**Have you been involved in any student societies?**

I am President of the Natural Sciences Society. We are the course society that provides the opportunity to meet others for recreation and peer support. Last year we organised pub crawls, coffee mornings, bowling, and barbecues. As we are a small diverse course, it is nice to get together and find out what others are doing, which can be really helpful for shaping your degree.

**Have you attended any gigs run by the Students' Union?**

The LCR and Waterfront manage to attract some really big names, with Coldplay being one of last year's biggest highlights. I've been to many gigs during my time here, and it's great to see artists at the Waterfront as it is such an intimate venue.



**How would you describe Norwich?**

Norwich is a really friendly city and there is always something going on. It's great for shopping and there are loads of places to go for a good night out.

Paston House student accommodation on campus.



Coldplay performing an intimate Live Lounge gig in the Students Union as part of Radio 1's Student Tour, 2011.



Hannah taking part in a Natural Sciences Society social event.



## Life at UEA

The University of East Anglia is an internationally renowned university based on a spacious campus that provides top quality academic, social and cultural facilities to more than 13,000 students. The latest National Student Survey showed once again that our students are among the most satisfied in the country. The University has been in the top 10 English mainstream universities for student satisfaction ever since the survey began seven years ago. We came third for facilities and third overall in the Times Higher Education Student Experience Survey 2011, and the Guardian University Guide 2012 placed us in the top 20 UK institutions.

“This excellent university is among the best on virtually any grounds you care to mention.”

The Virgin Guide to British Universities 2012



### An Ideal Location

Built on 130 hectares of beautiful parkland on the outskirts of the historic city of Norwich, our campus is one of the most innovative in the country, combining natural beauty with architectural flair. The campus has won more than 20 architectural awards and ongoing multi-million pound investment continues to enhance teaching and research facilities. Virtually no part of our campus is more than a few minutes' walk from anywhere else, and almost every student need is catered for on site – there's a large food shop, a newsagent, a post office, two banks, two launderettes, a Waterstone's bookshop, restaurants, bars and even a travel agent. There are good public transport links into the city, which has a mainline railway station with regular services to London and all other parts of the country. Norwich also has an international airport.

### Accommodation

First year undergraduates, who live outside a 12 mile radius of Norwich and who have selected UEA as their firm choice are guaranteed one of our 3,500 study bedrooms (many en suite). You will need to apply by the deadline which is published on our web site. Our accommodation has achieved the joint highest score in the Times Higher Education Student Experience 2011 and The Architects' Journal has voted our original residences – the Ziggurats – in the top ten examples of university architecture in the country.

[www.uea.ac.uk/accommodation](http://www.uea.ac.uk/accommodation)

“Students get the chance to live in either an architectural masterpiece or some of the best modern facilities of any university.”  
The Sunday Times University Guide 2011



## Learning Resources

Our library contains more than 800,000 books and journals, as well as extensive collections of specialist materials. It is open seven days a week, and until midnight six days a week during semesters. We provide a wide range of IT services including campus internet access via a wireless network and in student residences. Specialist equipment such as scanners, colour printers and work stations specially equipped to meet the needs of users with mobility problems or visual impairment are also offered.

[www.uea.ac.uk/is](http://www.uea.ac.uk/is)

## Student Support

We offer a wide-range of advice and guidance to any student who wishes to make the most of the opportunities available to them whilst at UEA or who is experiencing difficulties. From counselling to childcare, money matters to our chaplaincy, it's good to know there's help available whenever you might need it. We have financial advisers, an international student advisory team, learning enhancement tutors, an excellent nursery and a disability team. We also have a purpose built campus Medical Centre, a Boots pharmacy and a dental service offering NHS treatment to students and their families.

[www.uea.ac.uk/services/students](http://www.uea.ac.uk/services/students)

## Sporting Facilities

Our £30 million Sportspark is now the biggest indoor sports centre in any UK university, boasting a state of the art Olympic sized swimming pool, athletics track, climbing wall, superbly equipped gym and an extensive range of sports and leisure activities, from dance classes to five a side football.

[www.sportspark.co.uk](http://www.sportspark.co.uk)

## Arts and Culture

We are home to the Sainsbury Centre for Visual Arts which provides access to permanent exhibitions of world art and a diverse range of touring exhibitions unrivalled by other universities. UEA also hosts an International Literary Festival which has included famous names such as Ian McEwan and Kazuo Ishiguro – both alumni of UEA's Creative Writing course.

[www.scva.ac.uk](http://www.scva.ac.uk)

[www.uea.ac.uk/litfest](http://www.uea.ac.uk/litfest)

## Gigs

The Independent says our Student Union gig roster is "like pop music's roll of honour, with the biggest names performing each year and other students' unions wondering how on earth we manage it". The LCR plays host to a wide range of popular bands, with around 60 gigs on campus each year. Regular club nights cover a wide spectrum of tastes and ensure there is something for every music fan. Recent high profile performers include Coldplay, Bombay Bicycle Club, Ed Sheeran, Rizzle Kicks, Wretch 32, Professor Green, Kaiser Chiefs, Example, Noah and the Whale.

[www.ueastudent.com](http://www.ueastudent.com)

## Financing Your Studies

We are committed to ensuring that tuition fees do not act as a barrier to those aspiring to come to a world leading university and have developed a funding package to reward those with excellent qualifications and assist those from lower income backgrounds. For up to date information on financial matters including our tuition fees, maintenance grants, student loans, scholarships and bursaries please see:

[www.uea.ac.uk/finance](http://www.uea.ac.uk/finance)

"The Sainsbury Centre for Visual Arts is perhaps the greatest resource of its type on any British campus." The Times Good University Guide 2012



"UEA's LCR (Kaiser Chiefs pictured) has been voted the best student venue in the country by the music industry's Live! Magazine. Each year more than fifty live bands grace its stage." The Virgin Guide to British Universities 2012



"The excellent sporting facilities are based around the £30 million Sportspark, which boasts an Olympic-sized swimming pool, fitness and aerobics centres, athletics track, climbing wall, courts and pitches." The Times Good University Guide 2012



## Norwich and the Region

Norwich doesn't shout about itself too much but what a city – and what a region. It's got it all – and some – and is just waiting to be explored! Norwich, a thriving cosmopolitan city with a noble heritage, is surrounded by glorious countryside including the Norfolk Broads. The Norfolk coastline, with everything from glorious sandy beaches to mysterious creeks, is easily accessible too, so you'll have plenty of time for rest and relaxation – if your studies allow! The city's landmark Norman Cathedral and Castle, cobbled streets lined with charming half-timbered houses and over 30 medieval churches are complemented by vibrant new developments including the Forum, which houses the Millennium Library and hosts regular concerts, comedy nights and craft fairs. So you've got that charming mix of historical atmosphere and those vital modern day must haves!

### Shopping

Norwich boasts a rewarding blend of independent stores, small specialist shops, major high street chains and the country's largest six-day open-air market, all set amidst a maze of pretty medieval lanes and alleys.

It's no wonder then, that it was voted one of the top ten places to shop in the UK and with Norwich Lanes, a particular hot spot for quirky buys, gaining more popularity, the city is a shopaholic's paradise.

With much of it pedestrianised and being very compact, it is a joy to simply walk around, maybe stopping in one of those fab cafés for a reviving hot chocolate.

### Nightlife

In addition to the University's renowned LCR venue which hosts regular club nights, the city centre caters for all music tastes, from mainstream rock and pop and r & b to alternative indie, and underground dance. There are more than 300 pubs and bars in the city, each with its own special vibe. The Golden Triangle has an excellent selection of pubs which are well established within the student community, offering regular quiz evenings, film nights and good food. If you choose to stick around over the summer, there are several great music festivals which take place in the region, including the increasingly popular Latitude which sees everything from poetry to rock gods on offer – often with mud thrown in for free!

The Waterfront is UEA's very own live music venue and nightclub situated in Norwich's city centre.



“I think Norfolk is the most beautiful and perfect place on Earth.”

Stephen Fry, actor, writer and UEA Honorary Graduate

Norwich is England's first UNESCO City of Literature.



### Art and Culture

Norwich was nominated to become the UK's City of Culture 2013, and it's easy to see why. The city has six theatres with the Theatre Royal regularly staging West End productions, three cinemas, including a great art house cinema, a number of established museums and a host of art galleries, from the renowned Norwich Gallery to artist led galleries Outpost and Stew.

The Norfolk and Norwich Festival, held each May, is internationally acclaimed, attracting performers and visitors of all ages. Its programme covers everything from classical ensembles to French-Canadian acrobats and the Open Studios scheme, also part of the Festival, sees local artists opening up their studios for an exclusive peek inside – fascinating stuff!

The carnival and firework display for the Lord Mayor's celebration every July is also not to be missed while the Royal Norfolk Show, at the end of June every year, is the country's largest two-day county show which celebrates all that is great about this diverse county from its agricultural heritage to its gourmet food producers.

### Travel

Norwich has excellent public transport with trains every 30 minutes to London. Norwich International Airport is only 15 minutes from the city centre and has links worldwide via four daily flights to Amsterdam. National Express and Megabus also operate services directly from the University.



### Food and Drink

There is a wide range of foodie options in Norwich, providing everything from all day breakfasts to your local curry house. A number of more formal restaurants are still very affordable, and have student friendly discounts and menu options. There is also a great range of independent cafés offering everything from posh sarnies to smoothies with old fashioned afternoon tea becoming a firm favourite! Look out for all the great delis and farm shops for fresh, seasonal produce (Norfolk produces everything from juicy mussels to organic chocolate) so you will never starve!

And the county has many micro breweries so you can sample Nelson's Revenge or even one called Headcracker. Norwich's annual Beer Festival, every October, sees people queuing round the block to get in! But don't worry, the local apple juice is delicious too.

### Perfect Location

One of the best things about the University of East Anglia is its location, situated on the edge of both the city and countryside. The Norfolk coastline is home to world famous bird reserves and beautiful beaches, as well as ever-changing countryside interlaced with sleepy medieval villages, bustling market towns and stately homes. One of England's most beautiful national parks, The Broads, is also right on our doorstep for sailing, walking and cycling while paintballing, ice skating, amusement parks, a trip to the zoo or a day at the races are all within easy striking distance of the University.

“Norwich... has been voted one of the best small cities in the world.”

The Times Good University Guide 2011

## Applying to UEA

### Applications

All applications for full-time undergraduate degree courses must be made through the Universities and Colleges Admissions Service (UCAS). The UCAS code name and number for the University of East Anglia is EANGL E14. Please visit their website to apply and for further information regarding the application process.

[www.ucas.com](http://www.ucas.com)

### International Applicants

We welcome applications from students outside the UK. The Faculty of Science offers a high quality educational experience for international undergraduates, visiting students, exchange students and postgraduates. There are over 2,500 non-UK students studying at the University of East Anglia from more than 100 countries, including Australia, China, Cyprus, France, Gambia, Mexico, India, Kenya, Spain, USA and Vietnam. For further information about all aspects of life as an international student at UEA including English language requirements and help improving your English, please see:

[www.uea.ac.uk/international](http://www.uea.ac.uk/international)

[www.intohigher.com/uea](http://www.intohigher.com/uea)

Our stunning campus, just 15 minutes from the centre of Norwich, has won over 20 awards for architecture.

UEA is in the top ten of the Guardian's People and Planet Green League 2011, which ranks universities according to their policies and commitment to environmental management.



### Students with Disabilities

We welcome applications from students with disabilities. The Disability Team aims to offer information, advice and the co-ordination of support required by students both before and during their studies. The more information we have in advance of your arrival, the easier it is for us to make any necessary preparations. This can include any reasonable adjustments which are required for your studies or accommodation. We would be happy to arrange an informal visit to the University for you. For more information see:

[www.uea.ac.uk/services/students/disability](http://www.uea.ac.uk/services/students/disability)

### Mature Applicants

We extend a welcome to students who are returning to study, who may have alternative qualifications. Students who come with alternative educational backgrounds add a very valuable dimension to the undergraduate teaching programme in the School. Staff and students alike appreciate and value their motivation, skills and experience.

We operate a flexible admissions policy in order to take account of prospective students who do not come to us directly from sixth form, and are always pleased to advise you on the most suitable way forward if you lack formal qualifications. Please contact us for an informal chat. See:

[www.uea.ac.uk/return](http://www.uea.ac.uk/return)





## Visiting Us

We are always delighted to meet prospective students, either before or after their applications through UCAS. The best way to assess a university is to visit and experience what it has to offer. We warmly invite you to come and meet us.

Norfolk is the safest place in the country according to recent statistics issued by the Home Office 2012.

### Open Days

These give you the chance to find out about student life here, courses we offer, student finance and graduate careers. You will be able to talk to lecturers and current students as well as taking a tour around campus. For more information and upcoming dates see:

[www.uea.ac.uk/opendayinfo](http://www.uea.ac.uk/opendayinfo)

### Visit Days

Each year we hold a series of Visit Days, where applicants to our courses are invited to visit the University to learn more about the course they have applied for, meet current students and staff and tour our campus. Applicant Visit Days are usually held between November and March each year. If you wish your parents to accompany you, we have a programme specifically developed for their interests including finance and welfare issues. For more information see:

[www.uea.ac.uk/visitdays](http://www.uea.ac.uk/visitdays)

### Individual Visits

You are very welcome to visit the School at other times – just call us to make arrangements.





#### **Disclaimer**

We have taken great care in compiling the information contained in this brochure, which we believe to be accurate at the time of going to press. However, the provision of courses, facilities and other arrangements described in the brochure are regularly reviewed and may, with good reason, be subject to change without notice. Applicants for undergraduate programmes will be notified immediately of any material changes likely to have a bearing on their application, such as cancellation of, or major modification to, degree programmes or modules offered; changes to the delivery or location of courses, changes to accommodation provision, changes to entry requirements; or changes to fees and charges to be levied by the University.

Should industrial action or other circumstances beyond the control of the University occur, and this interferes with the University's ability to deliver programmes or other services in accordance with the descriptions provided, the University will use all reasonable endeavours to minimise disruption as far as it is practicable to do so. Provided the University complies with its obligations set out above, it shall not be liable to students or applicants, for any loss, costs, charges or expenses arising out of the information set out in this brochure, changes to that information or any disruption or interference of the type described above. The University operates an Admissions Complaints Procedure. If you feel that you have a well founded complaint regarding your application, please contact your Admissions Office in the first instance.

#### **\*Year in Industry Programmes**

Please note that we cannot guarantee any student a work placement as this decision rests with potential employers and students will be expected to source these placements themselves. Limited support will be available from the University. If you have not successfully secured a work placement by the end of your second year you will be transferred onto the equivalent three-year degree programme.

#### **Equal Opportunities**

The University of East Anglia operates an equal opportunities admissions policy. It aims to ensure that no applicant will receive less favourable treatment on the grounds of sex, age, marital status, race, colour, nationality, ethnic origin, sexual orientation, or political or religious belief. The University welcomes applications from candidates with disabilities. Information contained in this brochure may also be made available in other formats, to ensure access for everyone. Please call (+44) (0)1603 593753 to discuss.

#### **Ethical Investment Policy**

The University of East Anglia operates an Ethical Investment Policy.



The University of East Anglia is a Fair Trade university.

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## UEA Achievements

“Happier students than those at UEA are hard to find...  
due in great part to the sheer quality of the teaching  
and the distinctiveness of the surroundings.”  
The Sunday Times University Guide 2011

“Top 10 for student satisfaction for the last seven years.”  
National Student Survey 2011

“This excellent university is among the best on virtually  
any grounds you care to mention.”  
The Virgin Guide to British Universities 2012

“A top 20 university.”  
Guardian University Guide 2012



Winner  
Whatuni.com Student  
Choice Awards 2011

## **Further Information**

Undergraduate Admissions  
Natural Sciences  
Faculty of Science  
University of East Anglia  
Norwich Research Park  
Norwich NR4 7TJ

T +44 (0) 1603 591515

F +44 (0) 1603 591523

E [admissions@uea.ac.uk](mailto:admissions@uea.ac.uk)

W [www.uea.ac.uk/natsci](http://www.uea.ac.uk/natsci)