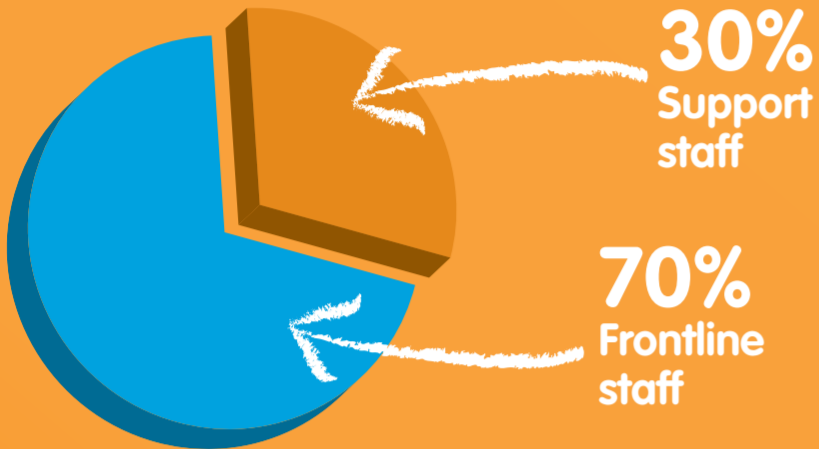


Health and social care

Largest sector in Norfolk

53,000 people¹

NHS



25,000 vacancies each month

Over 350 careers

In demand!

• Midwives • Care assistants • Paramedics • Social workers • Orthoptists • Dental nurses • Bioscientists • Mental health workers • Radiographers... and more!

Do you have what it takes? Skills and qualities

- Communication • Team working
- Problem solving • Calm under pressure
- Initiative • Flexibility • Compassion

Science Technology Engineering Maths

Study a STEM subject to keep your options open: biology • chemistry • maths • physics

Useful subjects

English • Maths • Science • Biology
• Physics • Chemistry • Psychology • Sociology • ICT

What could you earn?*

Care worker	£14,050**
Dental nurse	£17,300
Medical secretary	£21,400
Nurse	£31,950
Social worker	£31,300**
Midwife	£36,250
Pharmacist	£42,200
Doctor	£74,900

Norfolk employers

Norfolk and Norwich University Hospital
James Paget Hospital
NHS health centres
Norfolk County Council
Care homes
Spire Healthcare



The future?

Genetic engineering
Self-monitoring
Bionic body parts
Care-bots
Predictive medicine
More private healthcare

Find out more

- www.healthcareers.nhs.uk
- www.nmas.ac.uk
- www.skillsforcare.org.uk
- www.wanttobeadoctor.co.uk



Norfolk County Council

ICT and digital creative

UK tech sector

More than
1.7 million
new jobs

over next 10 years' especially

- big data • systems support
- cyber security

Major growth sector for Norfolk

Norwich = tech city

great for new digital creative companies

In demand!

- Big data analysts • Systems support
- Cyber security specialists • Software programmers • User experience (UX) designers • 3D, SFX and VFX (special effects) experts • Games designers • Digital marketers... and more!

WANTED!
More girls to join this sector

Do you have what it takes? Skills and qualities

- Problem solving • Communication
- Team working • Maths • Attention to detail • Planning & organisation • Leadership • Reliability

Useful subjects

- English • Maths • Physics • Design & technology
- ICT • Science • Chemistry • Business studies • Languages

What could you earn?*

Photographer	£25,450
Graphic designer	£25,350
TV, video and audio engineers	£29,900
Clothes designer	£28,900
Web designer	£30,400
Software developer	£40,700
IT systems architect	£44,850
Marketing and sales director	£75,000

Norfolk employers

Anglia Television

BBC East

Archant

BT

Proxama

Further

Foolproof

Brandbank

Rainbird

Oneagency.co

Find out more

- www.skillset.org/careers
- www.creative-choices.co.uk
- www.bubble-jobs.co.uk
- www.thetechpartnership.com/tech-future-careers



Norfolk County Council

Advanced manufacturing and engineering



WANTED!
More girls to join this sector

Norfolk

our engineering strengths

- precision engineering
- clean tech → agri-tech
- food processing machinery
- advanced composites
- advanced electronics
- motorsport → marine
- aviation → bio-med technology

UK needs...

- **182,000 people** with engineering skills each year to 2022¹
- Double the number of young people studying **GCSE physics**
- More students studying **physics A level**
- Double the number of **graduates and apprentices** entering engineering professions

Do you have what it takes? Skills and qualities

- Communication • Problem solving • Team working
- Leadership • Attention to detail • Creativity
- Design • Maths • ICT • Languages

Did you know?

You can limit your future career options if you drop a **STEM subject** early:
Science • technology • engineering • maths

Useful subjects

- English • Maths • Physics • Chemistry
- Design & technology • Science • ICT • Languages • Business studies

What could you earn?*

Metal working machine operative	£21,350
Electroplater	£22,400
Production technician	£26,300
Precision instrument maker	£25,150
Motor vehicle assembler	£31,950
Engineering technician	£35,050
Design engineer	£39,150
Electronics engineer	£46,500
Mechanical engineer	£41,750

Norfolk employers

- Lotus Group
- Bf1 Systems
- Shell
- Perenco

Find out more

- www.tomorrowsengineers.org.uk
- www.futuremorph.org
- www.semta.org.uk/careers
- www.science-girl-thing.eu



Agriculture, food and drink

Wanted

Young people needed to join
the food and drink sector!

Over one third of the
400,000 strong workforce
is due to retire by 2020!

Norfolk

is home to world leaders
in food science

→ The Institute of Food Research

→ The John Innes Centre
(Norwich Research
Park)

Be a...

- Food technologist • Chocolatier • Herdsperson
- Butcher • Marketing professional • Quality technician
- Design engineer • Microbial scientist
- Assistant farm manager • Production planner
- Environmental technologist

Do you have what it takes? Skills and qualities

- Communication • Problem solving • Team working
- Business knowledge • People management
- Presentation skills • Attention to detail
- Creativity • Maths • ICT • Reliability • Design

Did you know?

There are over 30 different industries in food and drink...

bakery • fruit & veg • pet food • meat • soft drinks • dairy • confectionery and more!

Useful subjects

Business studies • Biology • English

- Maths • Chemistry • Design & technology • ICT • Physics
- Science • Art • Languages

What could you earn?*

Production operative	£18,450
Butcher	£19,250
Farmer	£25,900
Quality assurance technician	£25,700
Production technician	£29,550
Biological scientist	£36,850
Production engineer	£38,650

Norfolk employers

Colman's
Kettle Foods
Robinsons
British Sugar
Kinnerton
Heinz

Find out more

- www.tastycareers.org.uk
- www.brightcrop.org.uk
- www.tastesuccess.co.uk
- www.lantra.co.uk
- www.growcareers.info



Norfolk County Council

Energy

East of England

2nd largest centre for energy in the UK

- oil and gas
- offshore and onshore wind energy
- nuclear
- biomass-fired power generation

Great Yarmouth and Lowestoft in Suffolk largest cluster of energy businesses in England

1400 direct jobs
1000 related jobs¹

Do you have what it takes? Skills and qualities

- Communication • Problem solving • Team working • Leadership • Attention to detail • Maths • Reliability • ICT Design • Innovation • Analytical

Want to help reduce climate change?
Green energy jobs are on the rise

Useful subjects

- Maths • Physics • Chemistry
- Design & technology • English • ICT • Science
- Business studies • Languages

What could you earn?*

Energy plant operative	£31,450
Wind turbine technician	£30,400
Environmental professional	£22,300
Engineering technician	£35,050
Design engineer	£39,150
Electronics engineer	£46,500
Mechanical engineer	£41,750
Research and development manager	£44,200

Norfolk employers

Perenco
Orbis Energy
Seajacks
Statoil
Shell
3sun

Find out more

- www.thinkpowersector.co.uk
- www.myoilandgascareer.com
- www.futuremorph.org
- www.bconstructive.co.uk
- www.semta.org.uk/careers



Norfolk County Council

Financial and insurance

Over 180 finance and insurance companies in Norfolk¹

New technology: new jobs

- artificial intelligence
- cyber security
- big data management
- e-commerce
- environmental

In demand!

- sales and customer service roles
- human resources (HR)
- managers
- actuaries
- accountants
- legal professionals
- ICT systems
- business intelligence

Do you have what it takes? Skills and qualities

- Communication
- Problem solving
- Maths
- Business knowledge
- Customer awareness
- ICT
- Analytical
- Presentation skills
- Negotiation skills
- Leadership
- Team working
- Initiative
- Languages

Useful subjects

Maths • English • Business studies

- Modern languages
- ICT
- Sociology
- Psychology

What could you earn?*

Receptionist	£16,600
Contact centre worker	£17,650
Sales administrator	£20,450
Finance officer	£24,500
PA (personal assistant)	£25,550
Customer service manager	£27,400
Human resources officer	£28,950
Chartered accountant	£38,400
IT systems architect	£44,850

Norfolk employers

Virgin Money
Aviva
Adrian Flux
KPMG
Capita
RBS
Marsh



Find out more

- www.prospects.ac.uk/jobs-and-work-experience/job-sectors
- www.icould.com/stories/job-types



Tourism and culture

Norfolk for festivals!

- Food & drink • Street art
- Literature • Music
- Maritime... and more!

Tourism sector in Norfolk supports more than **54,000 jobs** and contributes around **£2.8bn** to the local economy¹

All change!

What's changing in the tourism industry?

- more accommodation options • online apps
- growing customer power • digital marketing
- high demand for graduates in leadership and management roles • need to attract more visitors
- extended season • better quality and more permanent jobs

Do you have what it takes? Skills and qualities

- Communication • Planning & organisation
- Creativity • Customer awareness • Team working • Problem solving • Leadership
- English • Reliability • Enthusiasm • Languages
- Flexibility • Initiative

1.3 million people needed in hospitality & tourism between 2014 and 2024²

Useful subjects

English • Art & design • Business studies
• Languages • Drama • Music • History • Sociology • Maths

What could you earn?*

Housekeeping supervisor	£19,000
Artist	£26,550
Travel agent	£20,650
Museum curator	£26,700
Exhibition organiser	£27,150
Marketing officer	£27,800
Arts officer	£37,600

Norfolk employers

Norwich Theatre Royal
Bewilderwood
Snetterton Circuit
Sea Life Centres
Norwich Castle
National Trust
Norwich City Football Club
Searles
Richardson's Boats

74% of actors and 80% of artists are self employed

Find out more

- www.careerscope.uk.net
- www.hospitalityguild.co.uk
- www.ccskills.org.uk/careers/advice

Retail

Largest private sector employer in the UK



Get into retail

- apprenticeship
- skills and experience
- graduate scheme

New roles in retail

- e-commerce merchandiser • customer relationship manager • digital marketer
- user experience (UX) designer • app developer
- customer data manager • cyber security expert
- social media manager

Useful subjects

- Maths • English • Languages**
- Business studies • ICT
 - Design & technology
 - Art & design
 - Psychology • Sociology

Do you have what it takes? Skills and qualities

- Communication • Team working
- Customer awareness • Problem solving
- Leadership • Planning & organisation
- Reliability • Business knowledge • ICT
- Design • Creativity • English • Maths
- Enthusiasm • Initiative

What could you earn? *

Check-out operator	£14,700
Sales assistant	£16,100
Window dresser	£23,000
Retail manager	£27,100
Clothing designer	£28,900

Norfolk employers

Simply M&S Food
Roys
Norwich Lanes (independents)
Department stores
Discount retailers
Supermarkets

SALE

Find out more

- www.prospects.ac.uk/jobs-and-work-experience/job-sectors/retail
- www.careersbox.co.uk
- www.fashionretailacademy.ac.uk



Norfolk County Council

Construction and the built environment

The future...

- Intelligent buildings
- 'Green' skills
- Offsite construction

Between 2016 and 2020
3,910 new jobs
each year in the
East of England

46,420 new jobs
each year across the UK¹

In demand!

- electrical trades • plumbers and heating & ventilation engineers • painters and decorators
- labourers • bricklayers • civil engineers
- logistics specialists²... and more !

Do you have what it takes? Skills and qualities

- Problem solving • Communication
- Team working • Maths • Attention to detail
- Planning & organisation • Leadership
- Reliability

Useful subjects

- Maths • Physics • Design & technology • ICT
• Science • Chemistry • Business studies • Languages

What could you earn?*

Painter and decorator	£23,450
Bricklayer	£24,650
Carpenter or joiner	£25,700
Plumbing / heating and ventilation engineer	£28,550
Scaffolder	£32,150
Electrician	£30,750
Architect	£36,450
Civil engineer	£40,850

Norfolk employers

RG Carter
Morgan Sindall
Keir Construction
Gill Developments

Find out more

- www.goconstruct.org
- www.the-nhtg.org.uk
- www.summitskills.org.uk/building-services-apprenticeships-careers
- www.architecture.com



Norfolk County Council

Life sciences



Norwich Research Park (NRP)...

...one of the largest clusters of food, health, plant and environmental science organisations in the world!

12,000 people work there

What are life sciences?

pharmacology
(drugs and chemistry)

med tech
(hi-tech equipment)

bio tech
(microbiology)

Work in:

- **bioinformatics** (connecting computing, biology and medicine)
- **food and energy security**
- **antimicrobial resistance**
- **research**
- **genetics**
- **food development**
- **drugs research**
- **medical equipment development**

Do you have what it takes? Skills and qualities

- **Problem solving**
- **Communication**
- **Attention to detail**
- **Maths**
- **Negotiation skills**
- **Team working**
- **ICT**
- **Reliability**
- **Analytical**
- **Innovation**

1000s
of new jobs
to be created
over the next
few years

Useful subjects

- Maths** • **Biology** • **Chemistry**
• **Physics** • **English** • **ICT** • **Science** • **Business studies**
• **Design & technology** • **Psychology**

What could you earn?*

Lab technician	£20,700
Biological scientist	£36,850
Design & development engineer	£39,150
Research professional	£40,650
Pharmacist	£42,200

Norfolk employers

University of East Anglia

The Genome
Analysis Centre

Anglia DNA

Institute of Food Research

iDNA Genetics

SequenceAnalysis

Procarta

Find out more

- www.rsb.org.uk
- www.rsc.org/careers/future
- www.futuremorph.org
- www.microbiologysociety.org/education/careers.cfm



* ASHE full-time median income

Hospitality and catering

1.3 million people needed in hospitality & tourism between 2014 and 2024¹

Around **27,500** people are employed in accommodation and food services in Norfolk¹

Wanted! Love to cook?

Chefs needed for restaurants, pubs, events and catering services...

Do you have what it takes? Skills and qualities

- Customer awareness • Communication
- Team working • Problem solving
- Flexibility • Leadership • English
- Reliability • Enthusiasm • Creativity
- Languages • Initiative

Useful subjects

- English • Business studies • History • Maths
• Art & design • Languages • Drama • Music • Sociology

What could you earn?*

Kitchen staff	£14,050
Waiting staff	£13,950
Housekeeping supervisor	£19,000
Chef	£19,800
Bar manager	£20,050
Travel agent	£20,650
Conference or art exhibition organiser	£27,150

Norfolk employers
Bourne Leisure
Norwich City Football Club
Searles
Premier Inn
Blue Sky Leisure
Barnes Brinkcraft



Find out more
→ www.careerscope.uk.net
→ www.hospitalityguild.co.uk

* ASHE full-time median income ¹ People 1st ² BRES

Services to the public

DID YOU KNOW?

...The NHS is the largest employer in this sector, and actually the fifth largest employer in the world!

WANTED!

People with the right skills to work in **SECURITY** and **INTELLIGENCE**

Growing risks to national security means the UK needs young people like **YOU** to work in the secret service, cyber security and the armed forces.

In demand!

- Nursery, primary and secondary school teachers
- Social workers • Care workers • Cyber security experts • Nurses

Do you have what it takes? Skills and qualities

- Communication • Team working • Problem solving
- Negotiation skills • Calm under pressure
- Customer awareness • Planning & organisation
- Reliability • Initiative • ICT • Flexibility

Where could you work?

- central or local government • emergency services (police, ambulance, fire service)
- politics • education • planning • health • security and intelligence and more!

Useful subjects

- English • Maths • Science • Psychology • ICT
 • Sociology • Biology • Languages • Physics • Chemistry • Law

What could you earn?*

Local government administrator	£24,400
Housing officer	£26,150
Police community support officer	£26,350
Nurse	£31,950
Fire officer	£32,950
Town planner	£36,250
Police officer	£39,800
Health services manager	£46,650

Public sector

- Big growth area for graduates
- Fewer admin roles

Find out more

- www.army.mod.uk/join
- www.raf.mod.uk/recruitment
- www.royalnavy.mod.uk/careers
- <http://recruit.college.police.uk> or
- www.norfolk.police.uk/join-us
- www.norfolkfireservice.gov.uk
- www.sis.gov.uk/explore-careers.html
- www.healthcareers.nhs.uk
- www.norfolk.gov.uk
- <https://getintoteaching.education.gov.uk>
- www.gov.uk/government/organisations/civil-service/about/recruitment

Norfolk employers

Norfolk County Council
 Norfolk Constabulary
 RAF Marham
 Army (Robertson Barracks)
 Norfolk Fire and Rescue
 Tax office
 District councils
 NHS