



The little book of **BIG** facts

Capel Manor
College

Our **natural world** is changing and needs your passion and commitment to help tackle the challenges our planet faces.

Climate change impacts us all, but together we can help our **environment** by improving sustainability, air quality, waste and food security.

“

We are very proud of the work that we do to help our students reach their desired destination and achieve their goals. We have a professional team of tutors and course leaders, all experts in their specialist fields. We work with hundreds of employers across London, providing direct access to real-world industry know-how, experiences and placements.”



Peter Brammall
Principal





Agriculture, wildlife and environmental conservation



Animal management



Arboriculture and forestry



Floristry and event styling



Garden and landscape design



Horticulture and landscaping



Saddlery and shoemaking



5 campuses across London with dedicated teaching facilities and resources



Did you know?

We offer **365** courses,
one for every day of the year!

3,500 students
are currently studying with us

We work with more than
200 employers

We help over **100** students
complete **apprenticeships**



3 of our campus locations are within London's prestigious parks

Our students get the opportunity to help manage:

Over **200** acres across London

2 zoos and **1** farm

Over **1,000** animals in our collections

A **GREENER** future is central to the Mayor of London's **vision**

The capital needs a **workforce** to:



develop the city's trees, grass and flowers

research new techniques for curbing pollution and growing food in London



design and renew the planting of gardens and green spaces



take care of its animals





Agriculture is the single
largest employer
in the world

The farming industry provides
over **4.1 million**
jobs in the UK

The world's population is predicted to rise to nine billion people by 2050. That means an increasing global pressure on agriculture to continue to provide enough food for us all. The agriculture industry relies on new talent to find innovative and sustainable ways of working.

Our farm at Forty Hall is certified
organic



Healthy ecosystems and rich biodiversity are fundamental to life in our natural world, and conservationists, veterinarians and ecologists work together to maintain this delicate balance. You can help care for animals and protect species with a career in animal management.

There are over **13,000** businesses in the animal care sector

The animal care industry in the UK is worth **£1 billion**

1 million species are at risk of extinction

Humanity has wiped out **60%** of animal populations since **1970**



When it comes to helping the fight against climate change, trees are our greatest allies. They play an essential role in our ecosystem by removing damaging emissions from the air, providing homes to wildlife and protecting our soil and water systems.

London has over
8 million
mature trees

London's trees cover around
21% of the capital's land

Only **13%** of the UK's total
land area has tree coverage
(compared to an EU average of 35%)

20,900 arboricultural
workers in the UK contribute
£709 million
to the economy



Flowers benefit the environment by creating more carbon dioxide absorbing plants as their pollen is spread. We grow our own flowers across our campuses to decrease the College's carbon footprint as we continue to use sustainable floristry practices and designs.

UK households purchased approximately

£1.9 billion

worth of plants and flowers in 2021

There are over **12,000** floristry businesses in the UK

55% of consumers bought flowers in the past 12 months

Sunflowers are able to absorb radioactive materials and other pollutants from soil



You can help the plight of the planet by working amongst nature to make a positive change. From biotechnologies that generate more efficient or nutritious crops, to the increasing resurgence of organic and traditional farming practices, horticulture impacts all of our lives.

47% of Greater London is green space

London was declared the world's

first **National Park City** in 2019

Horticulture contributes

£9 billion

to the UK economy every year and employs around

300,000 people across a variety of disciplines



A profession in garden design combines science with art as there is a growing demand for sustainable garden and landscape design. You can turn your passion for nature and design into a meaningful career by transforming open spaces that work alongside nature not against it.

£2.1 billion could be saved yearly in health costs if everyone in the UK had access to green space

In 2017, urban green and blue space in the UK removed

27,900 tonnes of five key air pollutants

Spending at least

120 minutes

a week in nature is associated with good health and wellbeing

The Mayor of London aims

to make more than **50%** of the city green by 2050



Leather is a by-product of the animal meat industry and is sustainable, biodegradable and recyclable. Leather workers, especially those qualified in the historic and traditional art of saddlery and shoemaking, possess a unique set of transferable skills.

We are the only college in **Europe** to offer a full-time saddlery course

99% of the world's leather is a by-product of the meat industry

Leather keeps around

10 million tonnes of waste out of landfill every year worldwide

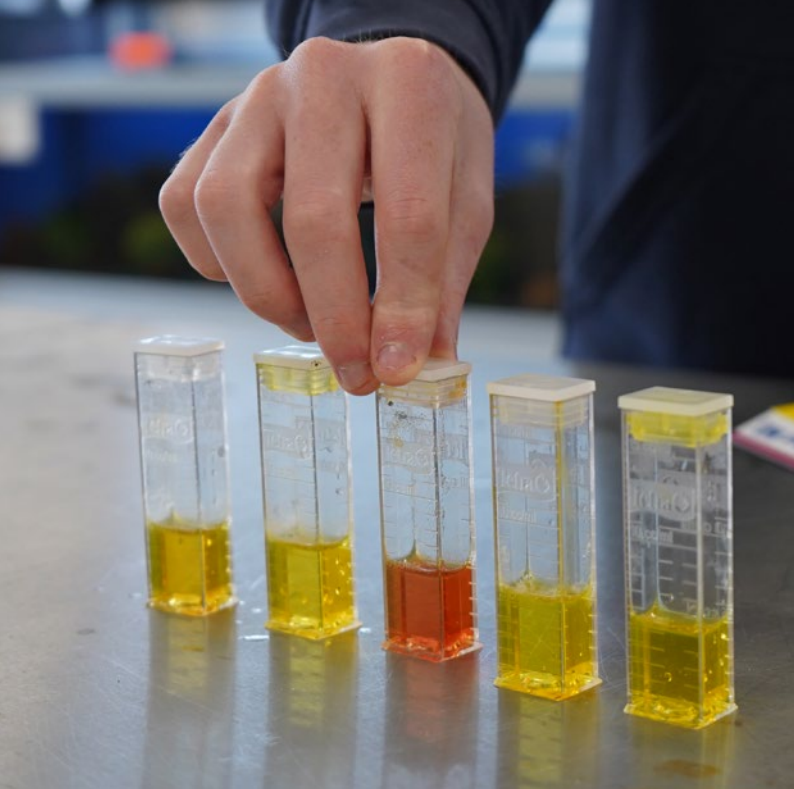


The natural world needs our protection. By conserving the planet's wildlife, we are ensuring that future generations can enjoy nature and the species that live within it. Our countryside plays a vital role within our economy, making the need for conservation professionals imperative.

The government works with over **30** public bodies and agencies that specialise in protecting the UK's environment

The rapid loss of species we see today is estimated to be between **1,000** to **10,000** times higher than the natural extinction rate

Protected areas now cover nearly **17%** of the Earth's surface



Qualifications in English and maths are vital for your future employment success. Using these subjects in the land-based industries could include; analysing the nutritional content of animal feed, surveying trees, and working with dimensions when designing a garden.

95% of UK jobs require employees to be able to read

Achieving five 4 to 9 GCSE grades (including English and maths)

adds **£80,000** to your future earnings over a lifetime

36% of the UK population say they would like to improve their maths and numeracy skills



animalmatters.org
bgateway.com
britishfloristassociation.co.uk
capel.ac.uk
careerpilot.org.uk
cordwainers.org
fortyhallfarm.org.uk
friendsoftheearth.uk
gardencollage.com
gigl.org.uk
gov.uk
ibisworld.com
literacytrust.org.uk
lethernaturally.org
london.gov.uk
nationalnumeracy.org.uk
nationalparkcity.london
nature.com
nfonline.com
prospects.ac.uk
rhs.org.uk
thesaddlers.org
trees.org.uk
un.org
unep.org
wwf.org.uk



London's
environmental
college

capel.ac.uk