



THE INTERNATIONAL EXPERIENCE



**Harper Adams
University**

WHATUNI?
STUDENT
CHOICE
Awards
2017

WINNER
UNIVERSITY OF
THE YEAR

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PART
FARM



PART
LABORATORY



ALL
HARPER

PART
INVENTION HUB



PART
THINK
TANK



PART
INDUSTRY



“

**HARPER ADAMS UNIVERSITY
DELIVERS CONSISTENTLY
OUTSTANDING TEACHING,
LEARNING AND OUTCOMES FOR
ITS STUDENTS. IT IS OF THE
HIGHEST QUALITY FOUND IN
THE UK.**

”

TEF judging panel

As the world's population grows, so do our demands on the planet. Managing this natural resource has never been so important. Joining Harper Adams is your opportunity to take on this global challenge.

Studying here and taking on some of the world's biggest challenges is your key to a great career. We have a 98 per cent graduate employment rate - the joint highest in England. Student satisfaction here is also outstanding. At 93 per cent, we're in the top six UK universities.

A LONG-HELD REPUTATION FOR EXCELLENCE

Established in 1901, we're proud to have been delivering vital agri-food education for more than a century. But we are also forward-looking and are officially best Modern University 2018*.

Our education is top quality: we hold a Gold rating from the Teaching Excellence Framework (TEF), a UK-Government assessment which recognises excellent learning and teaching in universities and colleges delivering degree courses.

On campus, you'll find cutting-edge facilities including a £2.93 million Agricultural Engineering Innovation Centre and a £4 million food innovation centre.

All of our research has been declared of international quality, with more than 50 per cent either world leading or internationally excellent*.

A GLOBAL INSTITUTION IN THE HEART OF THE UK

We're set on a 550-hectare farm in the heart of England, but our outlook and ideas are global. There are students from more than 30 countries on campus, working with lecturers and businesses from all over the world.

A SUPPORTIVE ENVIRONMENT TO STUDY

We know that there's a lot to think about when you're studying in the UK, so we're here to help. We'll give you priority for on-campus accommodation if needed, help you settle in, and provide free language and study skills support. Our student support team is on hand to answer any questions you have.

*Times & Sunday Times Good University Guide 2018

+Research Excellence Framework (REF2014)

1

OUR INTERNATIONAL APPROACH



We have a thriving and growing international student community on campus, are creating ever more relationships with overseas institutions, and developing international research and study opportunities.

Our students come from more than 30 different countries, including Brazil, Cameroon, Canada, Colombia, Dominican Republic, Ghana, Indonesia, Iraq, Italy, Malawi, Nigeria, Poland, Serbia, Slovakia, Syria, Thailand, and the USA. Around a third of our research students are international, many from developing and emerging economy countries, and are primarily working on food security projects.

Our internationalisation strategy continues to develop and create new overseas relationships with major academic institutions in key countries such as Indonesia, New Zealand, South Africa, China, Brazil, the Dominican Republic, and the USA.

Opportunities for staff and student academic exchange and for future research collaborations are expanding and Harper Adams is increasingly recognised as a high quality international institution.

We have lots of students from China who study here for at least one year as part of a successful academic partnership with Beijing University of Agriculture, or through international BSc and MSc programmes with Huazhong Agricultural University and China

Agricultural University. We also have a UK-China cultural exchange programme for UK students to visit China.

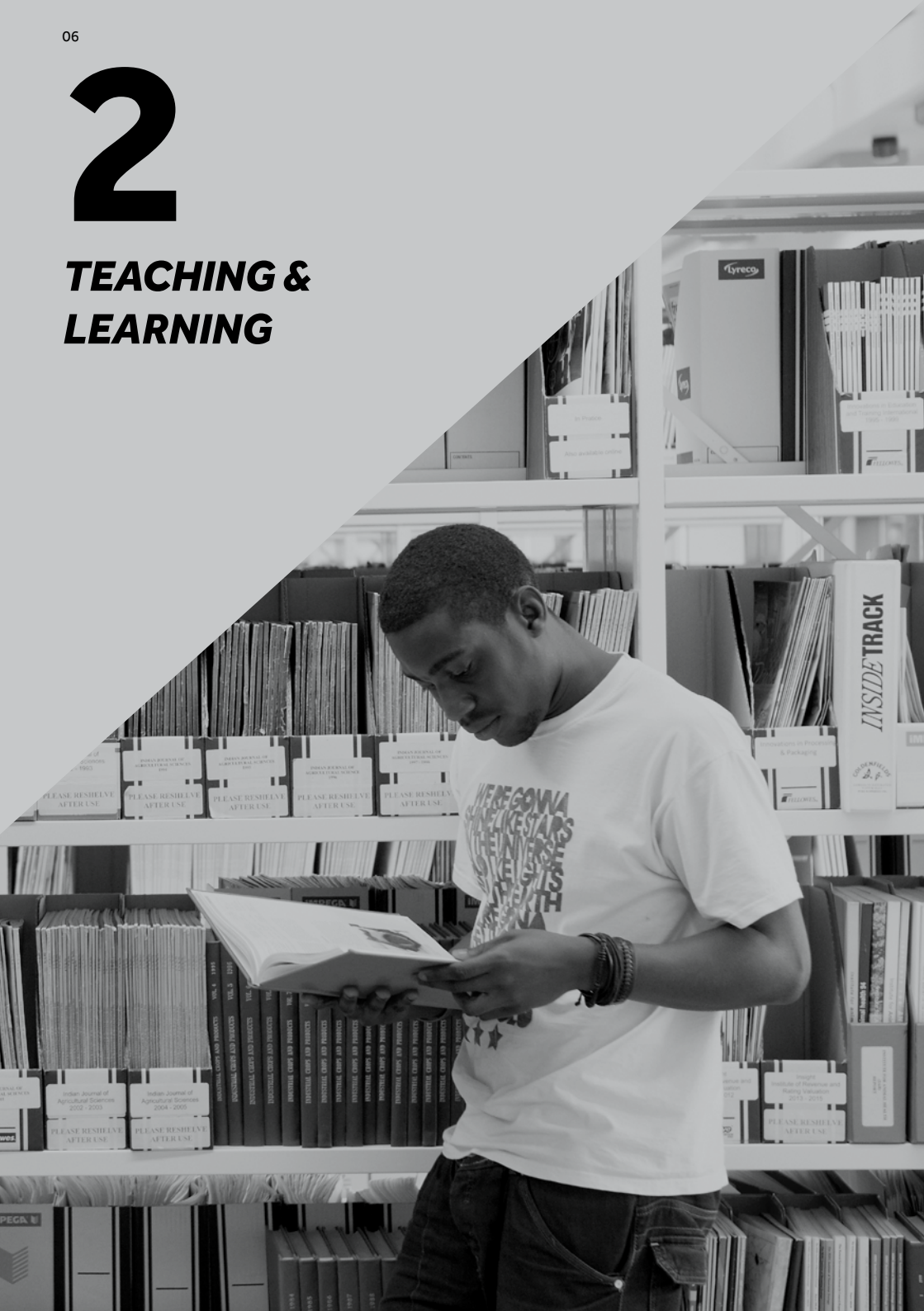
Harper Adams staff regularly travel overseas to participate in international collaborative research and academic teaching exchange links. Furthermore, we are an active participant in the EU Erasmus programme.

Many students complete their placement year abroad or work overseas after graduating. To support this outward mobility, the university offers modules in French, German and Spanish, and has introduced informal classes in Mandarin Chinese.

harper.ac.uk/international

2

TEACHING & LEARNING



Why study at Harper Adams?

115

years of delivering top quality higher education

6

Top six for student satisfaction

1

Best Modern University 2018¹

98%

graduate employment, joint highest in England²

Gold

award for teaching³

1

first for student experience⁴

800

students living on campus

£413,000

awarded in annual student scholarships⁵

£20m+

invested in the campus over the last decade

1

first in the UK for student support, job prospects, courses and lecturers⁶

1

University of the Year 2017⁶

100%

of research conducted by Harper Adams is of international quality and more than 50 per cent is either world leading or internationally excellent⁷

1 The Times Good University Guide 2018

2 HESA 2016

3 TEF 2017

4 Times Higher Education UK Student Experience Survey

5 Harper Adams Development Trust 2016/17

6 Whatuni 2017

7 Research Excellence Framework 2014

Undergraduate courses

COURSE LENGTH

BSc (Hons) and BEng (Hons): Four years

MSci and MEng: Five years

All degrees are sandwich courses and include a placement year working in industry. All courses are BSc (Hons) except where indicated.

harper.ac.uk/study

AGRICULTURE

- Agriculture
- Agriculture with Animal Science
- Agriculture with Crop Management
- Agriculture with Farm Business Management
- Agriculture with Mechanisation

ANIMAL SCIENCES

- Animal Behaviour and Welfare (clinical)
- Animal Behaviour and Welfare (non-clinical)
- Animal Health and Welfare
- Animal Production Science MSci / BSc
- Bioveterinary Science MSci / BSc

APPLIED BIOLOGY

- Applied Biology
- Applied Biology with Agroecology
- Applied Biology with Biotechnology
- Applied Biology with Business Management

BUSINESS

- Agri-Business
- Agri-food Marketing with Business
- Business Management with Marketing

COUNTRYSIDE, ENVIRONMENT, WILDLIFE & GEOGRAPHY

- Countryside Management
- Countryside and Environmental Management
- Geography and Environmental Management
- Wildlife Conservation and Environmental Management

ENGINEERING

- Agricultural Engineering MEng / BEng (Hons)
- Automotive Engineering (Off-Highway) MEng / BEng (Hons)
- Mechanical Engineering MEng / BEng (Hons)
- Product Support Engineering

FOOD SCIENCE, TECHNOLOGY & INNOVATION

- Food and Public Health Nutrition
- Food Business Innovation and Entrepreneurship
- Food Manufacture with Marketing
- Food Sustainability Management
- Food Technology and Product Development
- Food Technology with Nutrition

PROPERTY & LAND MANAGEMENT

- Real Estate
- Rural Enterprise and Land Management
- Rural Property Management

VETERINARY NURSING & ANIMAL PHYSIOTHERAPY

- Veterinary Nursing
- Veterinary Nursing with Companion Animal Behaviour
- Veterinary Nursing with Small Animal Rehabilitation
- Veterinary Physiotherapy

ZOOLOGY

- Applied Zoology
- Zoology with Entomology
- Zoology with Environmental Management

Postgraduate study

Want to advance in your career, move into a different specialism, or get a second chance in life? Start your journey here.

LEVELS OF STUDY

Most of the following courses can be studied as:

- Postgraduate Diploma (PgD)
- Masters Degree (MSc)

Some can be studied as a Master of Research (MRes) (see page 13)

harper.ac.uk/pg

AGRICULTURAL PRODUCTION

- Agricultural Sciences and Production Systems
- Poultry Production
- Ruminant Nutrition

APPLIED ECOLOGY

- Agroecology
- Conservation and Forest Protection
- Ecological Applications
- Entomology
- Integrated Pest Management
- Plant Pathology

AQUACULTURE

- Aquaculture

ENGINEERING

- Applied Mechatronic Engineering [*February start-date*]

FOOD BUSINESS & MANAGEMENT

- Food Industry Management
- International Agri-business and Food Chain Management

LAND MANAGEMENT

- Forestry Management
- Rural Estate and Land Management

3

RESEARCH



“
**STRATEGIC AND APPLIED
RESEARCH UNDERPINS HARPER
ADAMS UNIVERSITY’S MISSION
TO PROVIDE HIGHER EDUCATION
FOR A SUSTAINABLE FOOD CHAIN
AND RURAL ECONOMY. OUR
RESEARCH AND REACH-OUT
STRATEGIES ARE FOCUSED TO
MEET THE CHALLENGE OF RURAL
SUSTAINABILITY.**

”

Professor Peter Mills
Deputy Vice-Chancellor

We've created an environment where students, staff and industry work together on research with real-world impact, taking on some of the biggest global challenges facing our expanding population.

We're improving animal welfare, tackling food scarcity, and developing new farming technologies. The work we produce is shaping professional practice, government policy and the application of new technologies.



Studying for a research qualification at Harper Adams could change your future, and the world around you.

harper.ac.uk/research

Research degrees

Whether you're looking to extend your studies or add to your industry experience, this is your opportunity to gain a deeper knowledge of the biggest challenges that we face.

We've been developing and awarding research degrees for more than two decades and building our links with agri-business since the very beginning. As a result, 90% of Harper Adams PhD graduates have found work in their areas of interest.

KEY FACTS

- Choose from a one year (MRes), two year (MPhil) or three year (PhD) research degree
- Great job prospects in industry, government organisations and academia
- Unique facilities surrounded by 550 hectares of university farmland
- Fortnightly research seminar programme
- Your own office space and personal computer

harper.ac.uk/researchdegrees

MRes degrees

Most of our taught postgraduate courses can be studied as a Master of Research (MRes) degree. This route suits those who would like to take on a significant research project without committing to a PhD.

The taught element of the course accounts for a third of the programme, with the remaining time to focus on research.

Students develop the experience and skills needed to enter a PhD programme or for careers that require advanced research experience.

It may be possible to complete the research project aspect of the programme in your home country - this can be discussed with the course team before applying.

- *Fittonia's story*

Fittonia Elgina's award-winning research will help reduce cases of food poisoning from eating poultry. Fittonia, from Indonesia, is working on the development and evaluation of an on-farm cost-effective biosensor method for *Campylobacter* detection in poultry for her PhD project.

Campylobacter is the most common cause of food poisoning in the UK, with around four in five cases originating from contaminated poultry. The importance of her work was recognised by the UK poultry industry, when she was awarded a research prize by the Worshipful Company of Poulterers. Fittonia's work is also funded by a Faccenda Postgraduate Research Scholarship.

On her experience of studying at Harper Adams as an international student, Fittonia said: "Harper Adams is small, which is a big benefit for international students. When the university is big, they don't tend to have such a close relationship with their students; there isn't as much support. There's a real sense that I'm making an impact at Harper Adams and have the attention of my supervisors.

"There's a strong agricultural experience at Harper Adams. Indonesia is very strong in terms of agriculture too and so it makes for a very natural place for anybody who wants to work in the sector, academically or otherwise.

"Indonesia is a developing country and we want to move towards better technology for our agriculture. For many years, people have gone to other universities in the UK but they hadn't realised Harper Adams is strong in its field. As it's specialised, it's easy to have a multi-disciplinary experience.

"It's a modern university campus, in terms of its facilities, including a new lab extension opened

in 2017. Here there's a culture of research with cutting-edge technology. We are surrounded by farm land too, so trials are very easy.

“THE FIRST TIME I CAME HERE, I WAS VERY EXCITED; I HAD NEVER BEEN TO ENGLAND BEFORE. I FELT VERY WELCOME WHEN I ARRIVED AND EVERYONE WAS SO FRIENDLY. THE INTERNATIONAL STUDENT COMMUNITY IS REALLY HELPFUL AND THERE ARE A LOT OF SOCIAL ACTIVITIES, INCLUDING TRIPS TO OTHER PARTS OF THE COUNTRY.

”



- *Kelly's story*



Visiting American researcher Kelly Racette hopes that experiments she carried out at Harper Adams will help farmers back in the States. Kelly, from Virginia, investigated whether a wax derived from cauliflower leaves can help peanuts retain water in drought situations.

"At Harper, there had already been some investigations into using a wax, which is a waste product from cauliflower leaves, to make crops more resilient in times of water shortage by improving their water retention.

"The investigations showed positive results for both wheat and oil seed rape. I was excited by the prospect of testing this product on peanut, which is a crop I'm currently doing my PhD on back at the University of Florida.

"Potentially, I could take what I learn from this experiment back home with me, to help local farmers. The area that I come from in America has a number of peanut farmers, and they are starting to find it more difficult to grow their crops because of the unpredictability of the weather."

- *Ghazwan's story*



According to the World Resources Institute, 14 of the 33 countries most likely to face water shortages by 2040 are in the Middle East. For farmers in the region, this means a reliance on irrigation systems, but these often lead to issues with run-off, where water isn't absorbed by the soil. The result is a loss of crops and damage to the soil itself. PhD researcher Ghazwan Mahmood is responding by developing best practices for farmers to reduce run-off.

Working in Harper's Princess Margaret Laboratories, covered Soil Hall

and on the University Farm, Ghazwan is testing the effects that different soil treatments can have on water run-off. Alongside this, he's designing and developing a water run-off sampler to measure his results in a way that's more accurate and cheaper than current systems.

So far, Ghazwan has identified three soil treatments that create the best conditions for using an irrigation system, reducing run-off and saving water, research that will be put to practical use when he returns home to Iraq.



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STUDENT LIFE



WELCOME AND ARRIVAL

Once students are accepted onto a course, they are sent an electronic handbook with information about public transport, how to access the campus, contact details of key staff, likely costs of living in the UK and what to expect of life on campus.

Larger groups of students will be met at Birmingham airport by university staff and transported directly to campus. Students receive a welcome bag containing a power socket adapter, bus timetables, a map of the campus, and other helpful things.

During their induction programme they'll be helped to open bank accounts, register with a doctor, deal with legal formalities, be introduced to academic staff, and have sessions on academic English, cultural adjustment, and campus life.

SUPPORT

Students have a team of staff here to support them during their time with us. Dedicated tutors provide English language classes, study advice and individual support. The International Student Officer can also help with enquiries about student life, visa renewals and working in the UK.

INTERNATIONAL STUDENT SOCIETY

Planet Harper is our friendly society for students from all over the world. It's a place that you can come together with friends to have fun and support each other, celebrate the diverse cultures, traditions, foods and ideas of the many different nationalities at Harper Adams. Members take part in social and cultural events on campus, go on trips to places of interest and try new experiences.

USEFUL WEBSITES FOR INTERNATIONAL STUDENTS

- Advice on higher education and life in the UK: www.educationuk.org
- The UK Council for International Student Affairs: www.ukcisa.org.uk

**“
I REALLY ENJOY THE WONDERFUL
LIFE HERE. THE STUDENTS' UNION
AT HARPER HOLD DIFFERENT SOCIAL
ACTIVITIES REGULARLY AND THE
INTERNATIONAL OFFICER WILL
ORGANISE TRIPS TO DIFFERENT
PLACES ACROSS THE UK FOR US
INTERNATIONAL STUDENTS.
”**

Jiaran Xu, from China

BSc/BSc Honours International Agri-food
Marketing and Supply Chain Management

All international students receive

- A two-week induction before the first term begins
- Free English language and study skills support
- Help from an international student representative
- Support from a team of staff
- Advice on immigration and arranging visas
- Information on working in the UK and further studies
- Access to a cultural and social programme
- A free shuttle bus service to local towns

“

I CHOSE TO STUDY AT HARPER ADAMS BECAUSE I WANT TO CHALLENGE AND IMPROVE MYSELF, SINCE THE EDUCATION IN UK IS OUTSTANDING. I'M GAINING A LOT IN TERMS OF LEARNING SKILLS, PROFESSIONAL KNOWLEDGE AND PRACTICAL EXPERIENCE ON FARM. THIS IS AN EXCELLENT PLACE TO CHOOSE WHEN YOU WANT TO STUDY IN THE UK.

”

Xinyi Zhu, from China

BSc (Hons) Food Quality with Retail Management



**“
I’VE LEARNED A
LOT HERE FROM
BRITISH CULTURE
BUT ALSO FROM
OTHER CULTURES
- THERE ARE A LOT
OF INTERNATIONAL
STUDENTS AT
HARPER FROM
DIFFERENT
BACKGROUNDS ...
FROM THE MIDDLE
EAST, ASIA, AFRICA
AND DIFFERENT
PARTS OF EUROPE.
”**

**Juliana Garcia Alvarez,
from Colombia**

We enjoy sharing the exciting work going on at Harper Adams with visitors from around the world.

We hosted the International Farming Systems Association (IFSA) symposium in 2016, welcoming agriculturalists from Europe, Australia, New Zealand and America.

We also staged the International Field Robot Event (FRE), where teams from across Europe and Mexico competed in our covered soil hall to build robots capable of completing in-field tasks such as navigation, field mapping, and weeding.

Students from South Korea learned a lot from our engineering department, which is recognised as one of the European leaders in precision agriculture, while staff and students from the Netherlands enjoyed visiting the campus so much that many are hoping to return to study master’s degrees here.

“I wanted to come to Harper Adams as it’s one of the best agricultural schools in Europe. It’s a very good university.”

Visiting professor Irene Guerrero from the INEA-Agricultural Engineering School in Valladolid, Spain.

5

ESSENTIAL INFORMATION



Applications

Applying for university as an international student is similar to the process that UK students follow, but there are a few extra steps. These include:

1. Taking an English language test

If you need a Tier 4 (General) student visa for undergraduate or postgraduate study, you must show evidence that your English Language skills are at B2 level on the CEFR (Common European Framework of Reference). This can be demonstrated by obtaining an Academic IELTS score of band 6.0 overall or above (with no less than 5.5 in any component). If you are unable to provide an IELTS score, it may be possible to consider an equivalent level of language competency on an individual basis and we welcome you to contact us about this.

If you are aiming to study below undergraduate level - for example by following a pre-sessional course prior to undergraduate or postgraduate study, you must take a Secure English Language Test (SELT). This test must be taken in an approved test centre. If you are unsure whether your English level is at B2, we strongly advise you to take a SELT (most commonly IELTS for UKVI - Academic).
harper.ac.uk/english

2. Applying for a visa

If you are a non-EU student planning to study a full-time degree at Harper Adams you will need a Tier 4 student visa. We can help to guide you through this process. At the time of applying you must prove to UK Visas and Immigration (UKVI) that you have enough money to cover both your fees and living costs as well as meeting other UKVI criteria, such as a valid TB clearance for some students.

The rules about student visas are liable to change. Please check the UKVI website for the latest information:

gov.uk/tier-4-general-visa
harper.ac.uk/int-visa

3. Attending a pre-sessional course

See harper.ac.uk/english

FEES AND FUNDING

Find the most up to date information at harper.ac.uk/money and download the latest **Fees and Finance** booklet.
harper.ac.uk/int-apply



Undergraduate degrees

Requirements for all courses can be found online at: harper.ac.uk/entry or ucas.com

APPLYING THROUGH UCAS

All undergraduate students, both UK-based and overseas/international, apply online through the Universities and Colleges Admissions Service (UCAS)

You'll need to know:

- Institution code: H12
- Degree codes (available on our course pages online)

Call: +44 (0) 330 3330 230 (Outside UK)

APPLICATION DEADLINES

For courses beginning in 2018 you can apply after 1st September 2017 until 30th June 2018 or later if spaces are available. However, to be in with the best chance, we recommend you apply as soon as possible, preferably by 15th January 2018.

CONDITIONAL & UNCONDITIONAL OFFERS

If you receive an offer it will be either conditional or unconditional. An unconditional offer means you have met all of our requirements and will have a place at Harper Adams University. You must pay your first year's tuition fees in full before you will be made an unconditional offer.

A conditional offer means you still need to meet some of our requirements, which could be exam results, amount or type of work experience, English language requirements or other conditions such as deposits for international students.

WORK EXPERIENCE

If you want to study agriculture, veterinary nursing or veterinary physiotherapy you will need a certain amount of practical work experience. See the course pages online for details.

IMMIGRATION ADVICE

Please call Kai Ma, Student Services, for advice on immigration.
+44 (0) 1952 815104

INTERVIEWS

Applicants who are potentially suitable will be required to have an interview via an online web-based system such as Skype.

ADVICE AND SUPPORT

If you're unsure about anything to do with entry requirements and applications, we're here to help.
+44 (0) 1952 815000
admissions@harper-adams.ac.uk

Postgraduate degrees

Applications for taught postgraduate courses are not made through UCAS. Apply directly to Harper Adams here:
harper.ac.uk/pg-apply

Research degrees

See harper.ac.uk/researchdegrees

Accommodation

LIVING ON CAMPUS

Both undergraduate and postgraduate students are given priority for on-campus accommodation.

Most undergraduate students in their first year live on campus in halls of residence before moving off-campus into private accommodation. They have the choice of either catered or self-catered residences. If we can't find a place for you in our halls of residence on campus, our student services team will help you to find private accommodation that's near to the university.

Our postgraduate students live in self-catered halls on campus, with their own shared kitchen. They can also pay to eat in any of the restaurants or cafés on-site.

Prices for halls of residence can be found in our latest Fees and Charges booklet:

harper.ac.uk/money

LIVING OFF-CAMPUS

We'll help undergraduates find somewhere near the university to live after their first year of study. We'll help all students to find accommodation that can include your family, if needed.

FOOD AND DRINK

There are several places you can eat and drink on campus, including three cafes and a large dining room. You can pay by cash or you can add credit online to your student card and use this to get a 10% discount on food and drink on-campus.

LIVING COSTS IN THE UK

Approximate living costs per year for self-catering students:

Expenditure	Cost
Food	£1,800
Toiletries (soap, toothpaste etc.)	£125
Local bus fares	£200
Television licence (only if you bring a TV onto campus)	£145
Clothes	£350
Telephone/mobile bills	£350
Personal insurance	£60
Medicines / contingencies	£200
Social activities / eating out / sports membership	£600
Leisure travel (visa may be required)	£500
Police registration (if applicable)	£35
Travelling home	£850
Stationery, books and other study related expenses	£500

This is only a rough guide to costs in the UK. Costs vary according to location and lifestyle choices.

You'll find more information on living costs online: international.studentcalculator.org

Facilities

UNIVERSITY FARM

Harper Adams is one of very few universities to have its own successful commercial farm and woodland on campus, within easy walking distance of specialist facilities and resources.

Students can see theory in action, be taught literally in the field, carry out experiments, conduct field trials, and then analyse their own samples in the laboratory, all without leaving the campus.

After a multi-million pound investment we've expanded our farm to 550 hectares, developed our dairy and pig units, and created a food research centre and on-farm teaching hub. Livestock include 390 dairy cows and 280 followers, 230 sows, 70,000 hens, two sheep flocks and an intensive beef unit.

AGRI-TECH INNOVATION HUB

We are home to a government-funded innovation hub for agricultural technology. Here industry and academics will work together to create a world-leading centre for engineering and precision agriculture for the livestock, arable, aquaculture and horticulture sectors.

SCIENCE FACILITIES

Our extensive laboratory complex is a great resource for our science-based courses. After a £2.6m expansion we have 16 well-equipped laboratories supporting teaching and research in applied biology, anatomy and physiology, microbiology, nutrition, crop protection, soils and molecular biology.

Other science-related facilities include a large experimental glasshouse, animal production buildings, a metabolism room, aquaculture research facilities, an automatic weather

station and laboratories for entomology and anaerobic fermentation.

BAMFORD LIBRARY

The library has 43,000 books in stock, a growing e-book collection, around 2,000 print and 44,000 electronic journals, databases and easily accessible reading lists for your course. There's space for individual and group study. We run sessions on using the library and improving your study skills, and support is available from a team of librarians and assistants.

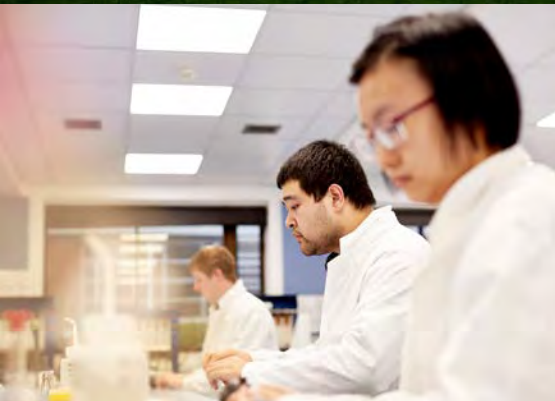
FACCENDA STUDENT CENTRE

This is where you'll find Student Services and the international support team, the Students Union, and study help, alongside a café, shop, teaching rooms, computers and a quiet space for prayer and reflection.

COMPUTERS AND ONLINE LEARNING

There are many PCs in the library, where the IT help team are based, and in a number of other buildings on campus, including 24-hour computer rooms. You can access the web, university email and learning resources through our wireless network in the library and other locations on campus. Wired and wireless access is available in halls of residence. Audiovisual equipment and support is also available.

Our virtual learning environment, called The Learning Hub, gives you access to online learning materials and activities, including the library catalogue and online journals.





**Harper Adams
University**

Disclaimer

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