



THE UNIVERSITY of EDINBURGH  
The Royal (Dick) School  
of Veterinary Studies

# An introduction to Global Food Security and Nutrition

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**EDINBURGH**  
extraordinary futures await



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Global Agriculture and  
Food Systems

# Overview



Etiquette

Introductions

Global  
Academy

Program

Next  
steps



Food System  
Transformation



Healthy People  
and a Healthy Planet

# Global Academy of Agriculture and Food Systems

## Research activities:

- Food System transformation
  - Policy
  - Climate crisis
- Healthy People and Planet
  - One health
  - Regenerative agriculture
  - Food systems to support nutrition
- Cross cutting issues
  - Governance
  - Data Driven Innovation





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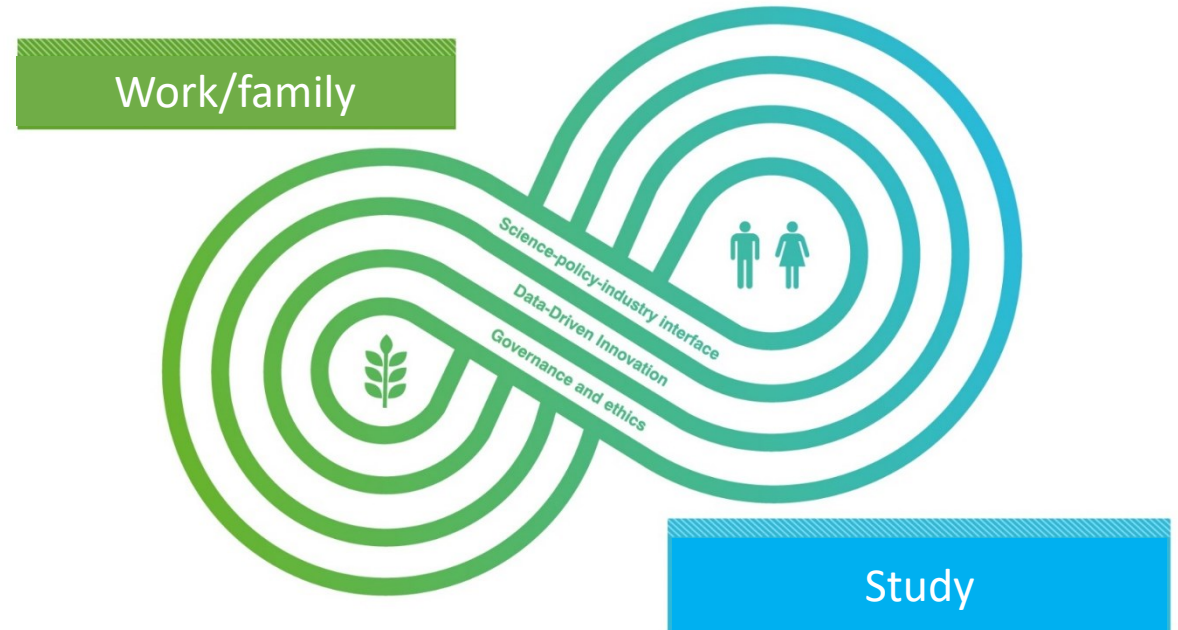
# Global Food Security and Nutrition

Flexible (3 -6 years)

Fully online

Focus on transferable skills

Approx. 20hrs a week



# Programme Aims:

- Main theories related to food security:
  - Agricultural production, environmental, economic, nutritional, socio-political
- Practical methods
- Research
- Transferable skills:
  - Communication, data, numeracy
  - Working individually and as part of a group
- Make informed judgements about the complex problems connected to global food security and nutrition.



AI Generated Image .Microsoft Designer. "Green metal pipe network"



# Programme Structure

PG Cert  
60 credits

- Food Security for Nutrition (20 credits)
- Sustainable Food Production (20 credits)
- Frameworks to Assess Food Security (20 credits)

PG Dip  
120 credits

- Interrelationships in Food Systems (20 credits)
- [Research Methods and Data Analysis (10 credits)]
- Electives (30/40 credits)

MSc  
180 credits

- Independent research project (60 credits)





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# Elective choices

Innovative  
Approaches to  
Health Challenges  
Across Disciplines



Production  
Animal  
Welfare

Ecosystem  
Values and  
Management

Land Use  
and Food  
Security



Ecosystem  
Health

Food Supply  
Chain and  
Food Safety



The Marine  
Environment

Global  
Citizenship

Food  
Production  
Systems



**Food  
Policy**

Poultry Feed,  
Nutrition and  
Digestion



# What does a year of study look like?



# How We Teach:

- Fully online
  - Recorded lectures
  - Discussion boards
  - Read lists
  - Seminars, journal club, live sessions
- Asynchronous
- Research led
- Critical skills
- EDI/Decolonisation





# How We Assess:

- Professional skills:
- Group work
- Critical writing
- Authentic assessments
- Communication skills
- Formative and summative





# Who we teach:



# Contact details for follow-up questions

We apologise if we did not get through all of your questions in the time allotted for this session.

If you have further questions that have not been answered, please email:

*[Food.Security.Nutrition@ed.ac.uk](mailto:Food.Security.Nutrition@ed.ac.uk)*



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# Thank you