



Understanding antimicrobial resistance in food and agriculture

This course offers an overview of antimicrobial resistance (AMR) as a global threat to human, animal and environmental health, and explains the role of the food and agriculture sector, and the impact of AMR on agrifood systems. It also describes how the Food and Agriculture Organization of the United Nations (FAO) is contributing to increased awareness and engagement of all stakeholders in the food and agriculture sector, to tackle AMR.

System Requirements

The **online version** of this course runs on the latest versions of the major browsers, such as Google Chrome, Microsoft Edge, Mozilla Firefox and Apple Safari.

The **downloadable version** only runs on Windows PC's and no additional software is needed.

Audience

This course is designed for a range of stakeholders with a role and interest in antimicrobial resistance in food and agriculture, including:

producers and wholesale and retail distributors of antimicrobials;
extension and veterinary services, epidemiologists, laboratory personnel and academia , including students;
and
government officials, policy-makers, food safety officers and the private sector.

You will learn about

General principles of the emergence and spread of AMR in agrifood systems
Relevance and impacts of AMR in the food and agriculture sector

The potential role of governments, farmers, animal health professionals, industry and other key stakeholders in AMR mitigation

The role and current initiatives of FAO in tackling AMR and the FAO Action Plan on AMR 2021-2025

Course structure

The course consists of 5 lessons, ranging from approximately 30 to 40 minutes duration each:

Lesson 1 - What is antimicrobial resistance and why is it a global public health challenge

Lesson 2 - Antimicrobial resistance in the context of One Health

Lesson 3 - The role of food and agriculture stakeholders in antimicrobial resistance

Lesson 4 - How can antimicrobial resistance be contained and its impacts minimized in food and agriculture

Lesson 5 - The role and current initiatives of FAO in tackling antimicrobial resistance

Partners



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Digital Badge Certification

To be granted a digital certification from the FAO e-learning Centre, you will have to take the final evaluation exam after you've finished a course.

Our digital badge certifications verify that you have achieved the learning outcomes and competencies outlined in FAO e-learning courses.

What is a digital badge?

Digital badges are online visual representations of learned skills and achievements earned in learning environments. They have already been adopted widely across a range of sectors and are being used to recognize both accredited and non-accredited learning in formal, informal and non-formal settings.

Badges can be displayed wherever earners want them on the web, and share them for employment, education or lifelong learning.



Please click the link below to start the test:

[Understanding antimicrobial resistance in food and agriculture - Quiz \(Pass grade: 75%\)](#)

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