

EuFMD in-depth online course

Foot-and-mouth disease risk analysis along the value chain

The European Commission for the Control of Foot-and-Mouth Disease's innovative online training courses combine convenient self-paced study with a unique opportunity to interact with international experts and regional colleagues.

EuFMD *in-depth* e-learning courses provide **practical, applied** training that builds the specialized skills needed to develop and implement FMD control strategies under the FAO/EuFMD/OIE Progressive Control Pathway for FMD Control. This course applies a step-by-step approach to mapping value chains, analyzing risk, identifying risk hotspots and proposing interventions to improve disease control.

Who is the course for?

Veterinarians who are working in countries not free of FMD who are *directly* involved in the development and implementation of risk-based strategies for FMD control. Suitable participants are likely to be working in central level veterinary services and responsible for disease control, epidemiology or risk assessment.

Participants must be motivated and able to study for four hours per week over a six-week period and must be proficient to communicate in English language (written and oral).

What will participants learn?

After studying this course participants will be able to:

- apply the key concepts and principles of risk analysis;
- map value chains in order to identify disease transmission risks and control options;
- assess the impact and feasibility of candidate risk mitigation measures;
- apply what they have learned to the development of a Risk-Based Strategic Plan for FMD control.

What does the course involve?

This course is taught entirely online in English language, and will include approximately **4 hours study time per week for 6 weeks**. Each week will include a combination of **live tutorials, background reading, interactive modules, quizzes and assignments**.

Expert tutorial support

Our tutors are experienced international experts with wide-ranging experience of the development of risk-based control strategies for FMD. The tutors will provide support to the course participants through a weekly live tutorial (webinar), an online discussion forum and individual feedback to participants.

Real-world assignments

Participants will be asked to complete and present assignments based on the situation in their home countries. Participants will receive individual feedback on their work from expert tutors. Completion of the assignments is required for successful completion of the course. Successful trainees will be provided with a certificate, and the nominating organization will be informed.

The screenshot displays the EuFMD online course interface. At the top, a green header reads "FMD Risk-Based Surveillance: Introductory Concepts". Below this, a "Contingency (2x2) tables" section is visible, featuring a 2x2 table with columns for "Diseased" and "Non diseased", and rows for "Black and white" and "Brown". Text above the table states: "In the population there are: 30 brown cows, 5 of these are diseased 10 black & white cows, 5 of these are diseased. Complete the 2x2 table below, and when you have finished, click submit to check your results." To the right of the table is a cluster of cow icons. Below the table is a "Total" row. In the center, a live tutorial window titled "Reasons for continued FMDV transmission despite vaccination" is open, showing a balance scale diagram. At the bottom, a "Course discussion forum" is visible, listing several discussion topics with columns for "Started by", "Replies", "Unread", and "Last post".

For more information please contact eufmd-training@fao.org