Graduating course

Postgraduate certificate (CES) in
ANIMAL EPIDEMIOLOGY
(delivered in French)

September 2016 to end of January 2017

Institution delivering the diploma

Ecole Nationale Vétérinaire d'Alfort (ENVA)
7, avenue du Général de Gaulle - 94704 MAISONS-ALFORT - France
Professor in charge : Anne PRAUD
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e-mail : apraud@vet-alfort.fr

Training objectives

At the end of the training, participants should be able, in the field of epidemiology applied to communicable diseases, to perform the following tasks:

- display and use the specific steps of descriptive epidemiology, analytic epidemiology and evaluative epidemiology;
- use existing tools of epidemiology (IT, bio-statistics ...);
- participate effectively in the various stages of an epidemiological survey for an outbreak, several foci or a whole region;
- contribute to epidemiological surveillance activities including developing specifications for the creation of an epidemiological surveillance network, establish a training plan for the actors in a network, conduct epidemiological surveillance activities;
- manage and process data from epidemiological surveillance;
- perform technical and economic evaluation epidemiological surveys and contribute to that of a network of epidemiological surveillance;
- provide the epidemiological contribution to steps of preparation, implementation and evaluation of a program to fight against a disease;
- use risk analysis or geographic information systems.

If you are interested by this CES :

http://formation-elevage-suds.cirad.fr/
The organization of teaching is as follows:

September 2016 to January 2017:
- 6 weeks in ENVA (Maisons-Alfort) followed by 5 weeks at Cirad (Montpellier), 2 weeks of options (either at ENVA or CIRAD depending on the option), 1 week of revision and examination, 4 weeks of internship (including report writing and oral presentation).
- This CES can be followed in one year of study in two or at most three.

6 compulsory teaching units
- Refresher in IT and statistiques; EPI INFO training (1 week at Alfort)
- Refresher in epidemiology (2 weeks at Alfort)
- Surveys in epidemiology (methods, implementation and data analysis) (2 weeks at Alfort)
- Epidemiological surveillance in public health (1 week at Alfort)
- Epidemiological surveillance in vector-borne and animal diseases (4 weeks at Montpellier)
- Computer data bases (1 week at Montpellier)

1 optional teaching unit to choose from the following 2
- Geographic Information Systems (GIS) (2 weeks at Montpellier)
- Risk analysis (2 weeks at Alfort)
Cirad is not able to provide scholarships. If foreign candidates are accepted for this M2, this does not mean he/she will get a scholarship. Therefore, candidates should not wait for acceptation from the M2 and requests should be submitted as soon as possible to:

- Competent national authorities in charge of livestock and / or the granting of scholarships;
- Cooperation and Cultural Action Services (SCAC) of the French Embassy;
- Embassies of other countries;
- International organizations (FAO, UNDP, EU, IAEA, IDB, ...);
- Development projects or NGOs.

Applications must hold a bac + 5 or equivalent, or be able to demonstrate sufficient professional experience. Applications are available for download at:

http://aeema.vet-alfort.fr

They may also be required in ENVA - Contagious Diseases Pedagogical Unit - 7, avenue du Général de Gaulle - 94704 Maisons-Alfort - France.

They must be carefully completed and returned to the same address (or email) before June 15, 2016 accompanied by a cover letter.

Training costs

- Single registration : 2 000 €
- Professional training : 5 500 €

Scholarships

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“CIRAD is a collaborating center to OIE for the diagnosis and control of animal diseases in tropical regions. The organization of training in this area is part of the mandate for this title.”