

Organization of Core Clinical Training (CCT) in Transmissible Diseases (VET05, VET06, VET08)

ANNUAL SCHEDULING AND TIMING

The CCT in Transmissible Diseases is active 9 months/year from December to October excluding the months of July and August: rotations in Transmissible Diseases and Veterinary Pathology are scheduled in the same month. Rotations in Transmissible Diseases are carried out in the first half of each month, while the rotations in Veterinary Pathology are carried out in the second half of the month.

ROUNDS

Each month a maximum number of 14 students can attend the CCT in Transmissible Diseases (126 students / year).

Depending on the size of the groups, the students on each round are further subdivided into 2 groups to visit the cattle and sheep-goat farms and the canine / feline communities.

The calendar of activities for each round (planning) is sent to signed students using the institutional email at least one week before the start of the CCT. The CCT usually begins on the first working day of the month.

SIGNING UP

Enrollment in the CCT for students at the 5th year is carried out via the Studenti Online platform (<https://studenti.unibo.it/sol/welcome.htm?siteLanguage=en>) in the appropriate lists.

“Fuori corso” students have to send an email to “Ufficio Tirocini” (tirocinio.vet@unibo.it), with the DIMEVET CCT coordinator in CC., to communicate the CCT and the period in which they intend to attend it.

Enrollment for Erasmus students to CCT is managed by the International Mobility Office of the DIMEVET.

Before the begin of the CCT the student must:

- Fill in the "Dichiarazione di riservatezza dati" (https://forms.office.com/Pages/ResponsePage.aspx?id=3EeW6QgbSkW_jGmRgbOJq8Ip1SJbY1BHs338pfC_lvZUQ1BCUVk2TkNRRTJRTIROTlhCMkpZRUCUSQIQCN0PWcu)
- Complete the Health and Safety mandatory training and complete the self-assessment test (<https://corsi.unibo.it/singlecycle/VeterinaryMedicine/health-and-safety-mandatory-training>)

ATTENDANCE

The attendance is documented by signatures of presence in the CCT booklet where the skills to be acquired are indicated.

To acquire the final eligibility, only one absence is allowed, corresponding to one of the proposed activities, which must in any case be justified.

NB: The presence to the final report is in any case indispensable to acquire the final eligibility.

ACCESS REQUIREMENTS / PREREQUISITES

Students who have regularly passed the preparatory courses required by the academic regulations of their study plan can enroll to the CCT.

<https://corsi.unibo.it/magistralecu/MedicinaVeterinaria/propedeuticita>

MATERIAL AND SPECIFIC INFORMATION

Each student, at least one week before to begin the rotations, will receive the planning of the activities

and instructions for independently carrying out the MOOC (Massive Open Online Course) e-learning course "Benessere, Biosicurezza degli allevamenti zootecnici e Igiene Veterinaria Urbana" with related self-assessment tests which is accessible at <https://book.unibo.it/>.

At the end of the CCT, students are invited to fill out the online satisfaction questionnaire. The questionnaire is anonymous and can only be filled out once.

VERBALIZATION

- In Curriculum 8617 the CCT in Transmissible Diseases is included in the Integrated Course of Special Veterinary Pathology and Transmissible Diseases and the eligibility is recorded by the Responsible of verbalization Prof.ssa Barbara Bacci.
- For the students of Curriculum 8206 the CCT in Transmissible Diseases is recorded directly by the Responsible of CCT.

DESCRIPTION OF ACTIVITIES

- Kickoff meeting: **All registered students are expected to attend.** The activities and general organization of the CCT are presented (15 minutes)
- Introductory lesson “Management of canine and feline communities”. Topics addressed: Italian situation of stray dogs and cats. Legislation of the management of canine and feline communities. Structural and management requirements of shelters for dogs and cats. (2 hours)
- Introductory lesson “Biosafety and welfare in cattle, sheep and goat farming”. The activities that will be carried out on the farm are presented with particular attention to the compilation of biosafety and welfare check-lists, use of tools for the evaluation of animal welfare and health in the farm, clinical evaluation and current legislation on animal welfare. (2 hours)
- Interactive seminar: Epidemiological investigations and risk factors analysis in cattle breeding. (2 hours)
- Visit to a cattle or sheep-goat farm: the visit will be carried out in the presence of a veterinarian from the AUSL who illustrates the organization of the farm and the tasks and activities carried out by the Public Veterinary Service. (about 4 hours, generally in the morning)
- Visit to a kennel or feline shelter: the visit will be carried out in the presence of a veterinarian from the AUSL who illustrates the organization of the structure, the surveillance activity of the Public Veterinary Service in the facilities for dogs and cats, and the supervisory checklist on the management and structural aspects of kennels and catteries is compiled if necessary. Faecal samples and/or skin scrapings (for cats) will be collected. (about 4 hours, generally in the morning)
- Parasitic diseases lab: group work with parasitological analyses on faecal samples or skin scrapings or brushes collected during the visit to the farm and kennel/cat shelter. On the basis of the identified parasites, through the search for bibliographic information, the students will delve into the epidemiological cycles of parasites and will have to identify a correct prophylactic approach to the management of the parasites found. This data will be a part of the final reports. (4 hours)

- Parasitic zoonoses of fish origin lab: the students, divided into groups, present a report on the main parasitic zoonoses of fish origin. The instructions for preparing the report are available on the page dedicated to CCT in Transmissible Parasitic Diseases (<https://virtuale.unibo.it>). A parasitological investigation of fresh fish products will be carried out. (about 4 hours)
- Final discussion of the reports: **all the students are required to participate as it constitutes a final meeting for sharing the activities carried out and evaluation.** The students, in groups, expose the reports prepared on the farm and kennel/cat shelter visited. Templates in .pptx format for preparing reports are available on the pages dedicated to CCT in Transmissible Infectious Diseases and CCT in Transmissible Parasitic Diseases (<https://virtuale.unibo.it>). The exposition of the reports includes the discussion of the data collected, underlining the strengths and critical points identified by the students in relation to the biosafety and welfare aspects of the farm and the management, structural, biosafety and health aspects of the kennel/cat shelter, with proposals of improving healthcare management. The final reports are shared with the AUSL veterinarian who was present at the exit and the breeder/manager of the farm and kennel/cat shelter. (about 3 hours)

NB: during lab activities and visits to the farm and kennel/cat shelter, the students are provided with the necessary Personal Protective Equipment (disposable gloves, shoe covers and gowns) by the teachers

Independent activities carried out by the student:

- MOOC (Massive Open Online Course) e-learning course “Animal welfare, biosafety on farms and urban veterinary hygiene”. The course, through a series of video lessons, illustrates the principles of animal biosecurity and welfare to provide the basis necessary to carry out a risk assessment, identify the most correct strategies to improve the health and welfare status of animals and protect human health. Urban Veterinary Hygiene is addressed in relation to the control and management of companion animal populations, in particular dogs and cats. (15 hours)
- Preparation of the report on zoonoses of fish origin. (4 ore)
- Preparation of the report on kennel/cat shelter visited. (5 ore)
- Preparation of the report on cattle or sheep-goat farm visited. (5 ore)

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Available from Monday to Friday, by appointment, to be requested via email.