Faculty of Veterinary Sciences-UNL

The subjects that University of Cornell students can attend are accepted taking into account the transcript sent by the student at the moment of his application and also that they do not have specific knowledge of veterinary medicine.

They are allowed to choose the following subjects:

1. Public Health and Zoonoses
   TOTAL HOURS: 60
   GENERAL OBJECTIVES: To understand the general concepts of health administration and the actions of institutions related to public health. Evaluate the field of action of Public Health and the role of the veterinarian in this discipline. To know the zoonosis of greater relevance. To know the systems of management of residues and methods of control of vectors and / or reservoirs.

2. Epidemiology
   TOTAL HOURS: 45
   GENERAL OBJECTIVES: To apply epidemiological criteria to the health-disease process. To know the methods and techniques of measurement and control of the processes that affect the health in the populations.

3. Meat Technology
   TOTAL HOURS: 90
   GENERAL OBJECTIVES Understand the importance of Meat Science and Technology. Strengthen the basic training acquired through its application in the processes of industrialization of meats and meat products. To evaluate the veterinarian's mission in the elaboration and control of the processes of transformation of foods of animal origin.
   CONTENTS General Methods of meat preservation Industrialization of meat products and sub-products

4. Milk Technology:
   TOTAL HOURS: 90
   GENERAL OBJECTIVES To know the composition of the milk with the physical-chemical factors and the influence of the raw material on the products Evaluate the hygienic and bacteriological quality of the raw milk and its influence on the sub-products. Interpret the basic processes of the transformation of milk into sub-products. To value the benefits that it implies for the health and well-being of the man, his family and the society, an effective action in the "Protection of the milk foods and derivatives. Interpret the mission of the veterinarian in a multidisciplinary activity which is the "Milk Technology"
5. Health Education  
TOTAL HOURS: 60  
GENERAL OBJECTIVES To know the basic aspects of Education as a tool for change and protection of the health of the population, and the contributions made by the Veterinary Sciences  
CONTENTS: General. Definitions Communication and teaching methodologies EPS programs Evaluation of programs

6. Aquaculture  
TOTAL HOURS: 60  
GENERAL OBJECTIVES To acquire knowledge of the current state of Aquaculture in Argentina, especially in our temperate continental region and its development prospects. Understand the functioning of aquatic systems and their biology. Identify the main health factors that affect production, being able to provide effective alternatives. Understand the general problem to ensure food safety and environmentally sustainable.  
CONTENTS Aquaculture Production Systems of greater development (Fish farming, raniculture, algae culture). Biology of the most important commercial species (Anatomy and physiology). Health (Infectious and non-infectious pathologies, treatments and Immunoprophylaxis) Aquatic Ecology Management (Reproduction and Nutrition) Recreational Aquaculture

7. Wildlife Health  
TOTAL HOURS: 60  
GENERAL OBJECTIVES To know the classification of the fauna. To acknowledge the problematic of the wild fauna. Understand the epidemiological aspects applied to the thematic. To know the implications in the public health.  

8. CAPRINE PRODUCTION  
TOTAL HOURS: 45  
OBJECTIVES To develop the necessary knowledge that will allow the student to have a joint view of the various factors involved in goat production. Characterize the different systems of production and the races most used in the country. Identify the different production alternatives offered by the goat species.  

As a another activity, at the request of the university of origin they participate in an accredited research project, which is chosen by the student according to their interests. At the same time, the students can assist at the Animal Health Hospital, small animals area, so that students have the opportunity to meet and collaborate in different hospital activities, always considering the academic training archived by the students.
The career of Veterinary Medicine has a curricular organization in three cycles:

1) - Basic Cycle (Initial):
4 semesters
Its purpose is to obtain the scientific basis, to know and understand the components of the system in which the profession of Veterinarian is inserted. They are the Man, the Animal objects of study and the Environment. These bases will be the tools that will allow to acquire the knowledge of the following cycles that will be applied in the fields of Animal Health, Animal Production and Public Health.

2) - Preprofessional Training Cycle:
3 semesters
Its purpose is to apply the foundations of the previous cycle, in order to obtain knowledge and understanding of the biological, normal and pathological phenomena of animal species, taking into account the influences on these species acting: Its genetic heritage, man and the environment. Acquire skills in the handling of instruments and equipment, which allow him to apply the necessary technology, in the field of veterinary medicine.

3) - Professional Training Cycle
3 semesters
The purpose of this course is to obtain the scientific basis for understanding and understanding the factors involved in diseases and animal production, as well as the methodologies for obtaining, preserving, controlling and transforming The agrifood destined for human and animal consumption. Likewise, concerning human health and the protection of the environment. Also, during this cycle, the training bases must be reached, in order to know and understand the structure and functioning of the companies of goods and services, as well as the laws that regulate aspects related to professional competences.