

Level of studies

Name of the program: Veterinary Medicine

1. The main objective of the curriculum

The knowledge gained through the study program enables the application of knowledge and skills acquired during the studies for the successful solution of complex problems in veterinary medicine. This program aims to enable students to:

- a) implement the curriculum through well-planned topics and learning activities based on the expected results,
- b) to plan lessons in accordance with the requirements of the curriculum,
- c) use different learning and student-centered assessment strategies;
- d) prepare teaching materials and use digital media in the teaching process,
- e) to apply in-depth scientific knowledge in the field of Veterinary Medicine in various scientific contexts,
- f) to collect materials for studies by applying appropriate scientific methods.

The Veterinary Medicine program at the Faculty of Agriculture and Veterinary Medicine is the only educational institution in this field and thus is a very important priority. The study program Veterinary Medicine aims to educate new staff who will cover the national needs for veterinarians starting from state bodies (executive, administration) as well as to cover the needs with veterinarians in other state institutions, laboratories and to cover the need for a veterinarian in the private market. Most of the graduates in the Department of Veterinary Medicine practice their profession from the field for which they have completed their studies.

2. Courses

Semester I

| Nr | O/E | Proposed study program | | | | |
|----|-----|------------------------|------------|---|------|-----------------------------|
| | | Subject | Hours/Week | | ECTS | Teacher's Name |
| | | | L | P | | |
| 1 | O | Chemistry | 3 | 2 | 6 | Prof.Ass. Dr.Arben Haziri |
| 2 | O | Anatomy I | 2 | 3 | 6 | Prof.Ass. Dr.Fatgzim Latifi |
| 3 | O | Histology I | 2 | 2 | 5 | Prof.Ass. Dr.Fatgzim Latifi |
| 4 | O | Veterinary Biology | 2 | 2 | 5 | Prof.Dr. Bajram Berisha |

| | | | | | | |
|---|---|-------------------|---|---|----|---|
| 5 | O | Biophysics | 2 | 0 | 2 | Prof.Asc. Dr Syle Tahirsylaj |
| 6 | O | Veterinary Botany | 2 | 1 | 4 | Prof.Dr. Fadil Millaku Prof. Asoc. Arben Mehmeti |
| 7 | E | Elective | 1 | 1 | 2 | |
| 8 | O | Total | | | 30 | - |

Semester II

| Nr | O/E | Proposed study program | | | | |
|-------|-----|-----------------------------------|------------|---|------|--------------------------------|
| | | Subject | Hours/Week | | ECTS | Teacher's Name |
| | | | L | P | | |
| 1 | O | Anatomy II | 2 | 2 | 5 | Prof.Ass. Dr.Fatgzim Latifi |
| 2 | O | Histology II | 2 | 2 | 5 | Prof.Ass. Dr.Fatgzim Latifi |
| 3 | O | Veterinary Genetics | 2 | 2 | 5 | Prof.Dr.Bajram Berisha |
| 4 | O | Veterinary Biochemistry | 3 | 2 | 6 | Prof. Ass. Imer Haziri |
| 5 | O | Biomathematics with Biostatistics | 2 | 1 | 4 | Prof.Asoc. Dr.Arben Musliu |
| 6 | O | Animal welfare | 2 | 1 | 3 | Prof.Ass.Dr.. Bardhyl Noci |
| 7 | E | Elective subject | 1 | 1 | 2 | - |
| Total | | | | - | 30 | |

Semester III

| Nr | Status: O/E | Proposed study program | | | | |
|----|----------------|------------------------|------------|---|------|--------------------------------|
| | | Subject | Hours/Week | | ECTS | Teacher's Name |
| | | | L | P | | |
| 1 | O | Anatomy III | 2 | 3 | 6 | Prof.Ass.Dr. Fatgzim Latifi |

| | | | | | | |
|-------|---|--------------------------------|---|---|----|-------------------------------|
| 2 | O | Biochemistry II | 3 | 2 | 6 | Prof.Dr. Sabit Dërmaku |
| 3 | O | Physiology I | 3 | 2 | 6 | Prof.Dr.Bajram Berisha |
| 4 | O | Applicative Etology | 2 | 1 | 3 | Prof. Ass. Dr.Bardhyl Noci |
| 5 | O | Basics of clinical examination | 1 | 1 | 2 | Prof. Ass. Dr.Bardhyl Noci |
| 6 | O | General microbiology | 2 | 2 | 5 | Prof.Asc. Dr.Driton Sylejmani |
| 7 | E | Elective subject | 1 | 1 | 2 | |
| Total | | | | | 30 | |

Semester IV

| Nr | O/E | Proposed study program | | | | |
|-------|-----|-------------------------------------|------------|---|------|-------------------------------|
| | | Subject | Hours/Week | | ECTS | Teacher's Name |
| | | | L | P | | |
| 1 | O | Topographic and applicative Anatomy | 2 | 2 | 5 | Prof.Ass.Dr. Fatgzim Latifi |
| 2 | O | Physiology II | 3 | 2 | 6 | Prof.Dr.Bajram Berisha |
| 3 | O | Immunology | 3 | 2 | 6 | Prof. Ass. Dr.Izedin Goga |
| 4 | O | Bacteriology | 2 | 2 | 5 | Prof.Asc. Dr.Driton Sylejmani |
| 5 | O | Animal Breeding | 2 | 2 | 5 | Prof.Dr. Nuredin Mestani |
| 6 | E | Elective subject | 1 | 1 | 2 | |
| Total | | | | | 29 | |

Semester V

| Nr | O/E | Proposed study program | | | | |
|----|-----|------------------------|------------|---|------|----------------|
| | | Subject | Hours/Week | | ECTS | Teacher's Name |
| | | | L | P | | |

| | | | | | | |
|-------|---|----------------------|---|---|----|-------------------------------|
| 1 | O | Pathology I | 3 | 2 | 6 | Prof.Dr.Agim Rexhepi |
| 2 | O | Pharmacology I | 3 | 2 | 6 | Prof. Ass. Dr.Mentor Alishani |
| 3 | O | Animal NutritionI | 2 | 2 | 4 | Prof.Dr.Ragip Kastrati |
| 4 | O | Patophysiology | 3 | 0 | 4 | Prof. Ass. Dr.Agim Rexhepi |
| 5 | O | Clinical Diagnostics | 3 | 2 | 5 | Prof.Dr.Bardhyl Noci |
| 6 | O | Veterinary Virology | 2 | 1 | 4 | Prof.Ass.Dr. Izedin Goga |
| 7 | E | Elective subject | 1 | 1 | 2 | |
| Total | | | | | 31 | |

Semester VI

| Nr | O/E | Proposed study program | | | | |
|-------|-----|---------------------------|------------|----|------|-------------------------------|
| | | Subject | Hours/Week | | ECTS | Teacher's Name |
| | | | L | P | | |
| 1 | O | Pathology II | 2 | 2 | 5 | Prof.Asc. Dr.Agim Rexhepi |
| 2 | O | Pharmacology II | 3 | 2 | 5 | Prof. Ass. Dr.Mentor Alishani |
| 3 | O | Animal Nutrition II | 2 | 2 | 4 | Prof.Dr.Ragip Kastrati |
| 4 | O | Parasitology I | 3 | 2 | 6 | Prof.Dr.Kurtesh Sherifi |
| 5 | O | Radiology | 2 | 1 | 4 | Prof. Ass. Dr.Avni Robaj |
| 6 | O | Animal and farm Hygiene I | 2 | 1 | 2 | Prof.Asc. Dr.Skender Muji |
| 7 | O | Laboratory diagnostics | 1 | 1 | 2 | Prof. Ass. Dr.Avni Robaj |
| 9 | E | Elective subject | 1 | 1 | 2 | |
| Total | | | 20 | 11 | 30 | |

Semester VII (2023/2024)

| Nr | O/E | Proposed study program | | | |
|----|-----|------------------------|------------|------|----------------|
| | | Subject | Hours/Week | ECTS | Teacher's Name |

| | | | L | P | | |
|-------|---|----------------------------------|----|----|----|----------------------------------|
| 1 | O | Parazitology II | 2 | 2 | 5 | Prof. Ass. Dr.Kurtesh Sherifi |
| 2 | O | Surgery I | 3 | 2 | 6 | Prof. Ass. Dr.Avni Robaj |
| 3 | O | Pathology III | 2 | 2 | 4 | Prof. Asoc. Dr.Agim Rexhepi |
| 4 | O | Obstetrics and Reproduction I | 3 | 3 | 6 | Prof. Ass. Dr.Behlul Behluli |
| 5 | O | Internal diseases I | 3 | 2 | 6 | Prof. Ass. Dr Bardhyl Noci |
| 7 | O | Animal and farm Hygiene II | 2 | 1 | 2 | Prof.Asc. Dr. Skender Muji |
| 8 | E | Elective subject | 1 | 1 | 2 | |
| Total | | | 19 | 10 | 31 | |

Semester VIII (2023/2024)

| Nr | O/E | Proposed study program | | | | |
|-------|-----|-----------------------------------|------------|---|------|--------------------------------|
| | | Subject | Hours/Week | | ECTS | Teacher's Name |
| | | | L | P | | |
| 1 | O | Surgery II | 3 | 2 | 6 | Prof. Ass. Dr.Avni Robaj |
| 2 | O | Pathology IV | 2 | 2 | 4 | Prof. Asoc. Dr.Agim Rexhepi |
| 3 | O | Obstetrics and Reproduction II | 2 | 2 | 5 | Prof.Asc. Dr Behlul Behluli |
| 4 | O | Internal diseases II | 2 | 2 | 5 | Prof. Ass. Dr Avni Robaj |
| 5 | O | Diseases of small animals | 2 | 2 | 5 | Prof. Ass. Dr.Avni Robaj |
| 6 | O | Toxicology | 2 | 0 | 2 | Prof. Ass. Dr.Agim Rexhepi |
| 1 | E | Elective subject | 1 | 1 | 2 | |
| Total | | | | | 29 | |

Semester IX

| Nr | O/E | Proposed study program | | | | |
|----|-----|------------------------------------|------------|---|------|---------------------------------|
| | | Subject | Hours/Week | | ECTS | Teacher's Name |
| | | | L | P | | |
| 1 | O | Internal diseases III | 2 | 2 | 5 | Prof. Ass. Dr.Avni Robaj |
| 2 | O | Obstetrics and Reproduction III | 2 | 3 | 5 | Prof. Ass. Dr Behlul Behluli |

| | | | | | | |
|-------|---|--|---|---|----|-------------------------------|
| 3 | O | Veterinary Ophthalmology | 1 | 1 | 2 | Prof. Ass. Dr.Avni Robaj |
| 4 | O | Meat Hygiene and Technology | 3 | 2 | 6 | Prof.Asc. Dr. Afrim Hamidi |
| 5 | O | Milk Hygiene and Technology | 2 | 1 | 4 | Prof. Ass. Dr.Xhavit Ramadani |
| 6 | O | Epidemiology and infectious diseases I | 3 | 2 | 6 | Prof. Ass. Dr.Izedin Goga |
| 7 | E | Elective subject | 1 | 1 | 2 | |
| Total | | | | | 30 | |

Semester X

| Nr | O/E | Proposed study program | | | | |
|------------------------|-----|---|------------|---|---------|-----------------------------|
| | | Subject | Hours/Week | | ECTS | Teacher's Name |
| | | | L | P | | |
| 1 | O | Food hygiene and microbiology | 2 | 2 | 5 | Prof.Asc. Dr. Afrim Hamidi |
| 2 | O | Poultry Diseases | 2 | 1 | 4 | Prof.Asc. Dr. Afrim Hamidi |
| 3 | O | Veterinary legislation | 2 | 1 | 4 | Prof.Dr.Kurtesh Sherifi |
| 4 | O | Epidemiology and infectious diseases II | 2 | 2 | 5 | Prof.Dr.Kurtesh Sherifi |
| 5 | O | Forensic veterinary medicine | 2 | 1 | 4 | Prof. Ass. Dr.Bardhyl Noci |
| 6 | | Diseases of fish | 2 | 0 | 2 | Prof.Asc. Dr.Agim Rexhepi |
| 7 | O | Diseases of Bees | 2 | 0 | 2 | Prof. Ass. Dr.Fadil Musa |
| 8 | O | Veterinary economics, management and ethics | 2 | 0 | 2 | Prof. Asoc. Dr.Arben Musliu |
| 9 | E | Elective subject | 2 | 0 | 2 | |
| Total | | | | | 30 | |
| Diploma Thesis defence | | | | | 10 ECTS | |

$$300 + 10 = 310 \text{ ECTS}$$

After completion of all examinations, extramural practice (which have to be defended before the committee (instructions given on the guidelines for preparation of practical diary) the student can register for the final exam or alternativley the thesis defence. Prior to registration for the final exam or thesis defence the student has to pass the practical exam and part of the exam are demonstration of cases of extramural practice in front of a commission of 3 members and the student gets the evaluation **defenced** or **not defenced**. The final exam or alternatively the thesis defence takes place in front of a commission which is consisted of 3 members and mentor is not

part of the defence committee. The commission for the evaluation of diary of extramural practice as well as the commission to evaluate the student for the final exam or the thesis defence are set by the department. By passing the final exam or alternatively the defence of thesis, the student takes 10 ECTS and obtains the title Doctor of Veterinary Medicine.

Elective subjects for the First and Second year:

| | Subject | Hours | ECTS | Oblig./ Elect. | Teacher's name |
|---|--|-------|------|-------------------|------------------------------------|
| 1 | Behaviour albiology | 1/1 | 2 | E | Bardhyl Noci, Prof. Ass. Dr. |
| 2 | History of Veterinary Medicine | 1/0 | 2 | E | Dr. Driton Sylejmani, Prof. Asc |
| 3 | Selected chapters of Human Anatomy | 1/1 | 2 | E | Dr Fatgzim Latifi, Prof. Ass. |
| 4 | Selected chapters of veterinary nuclear medicine | 1/1 | 2 | E | Dr Syle Tahirsylaj, Prof. Ass. |
| 5 | General Mycology | 1/1 | 2 | E | Dr Driton Sylejmani, Prof. Ass. |
| 6 | Cell and molecular biology | 1/1 | 2 | E | Dr Bajram Berisha, Prof. Dr. |
| 7 | Medical terminology | 1/1 | 2 | E | Dr Fatgzim Latifi, Prof. Ass. |

Elective subjects for the Third and Fourth year (3, 4)

| | Subject | Hours | ECTS | Oblig. /Elect. | Teacher's name |
|---|-------------------------------------|-------|------|-------------------|---------------------|
| 1 | Animal welfare | 1/1 | 2 | E | Dr. Driton Caushi |
| 2 | Breeding of dogs and cats | 1/1 | 2 | E | Dr Bardhyl Noci, |
| 3 | Physiological Basisof Cardiology | 1/1 | 2 | E | Dr Driton Caushi, |
| 4 | Breeding of horses | 1/1 | 2 | E | Dr Hajrip Mehmeti, |
| 5 | Pharmacoterapuetics | 1/1 | 2 | E | Dr Adem Rama, Prof |
| 6 | Clinical Endocrinology | 1/1 | 2 | E | DrMentor Alishani |
| 7 | Diseases of wild animals | 1/1 | 1 | Z | Dr Kurtesh Sherifi, |

| | | | | | |
|----|--|-----|---|---|-------------------|
| 8 | Techniques in animal reproduction | 1/1 | 1 | Z | Dr Behlul Behluli |
| 9 | Operative techniques: manual practices in cadavers | 1/1 | 1 | E | Dr Avni Robaj |
| 10 | The diagnosis of infectious diseases | 1/1 | 1 | E | Dr Izedin Goga |
| 11 | Pet Animal Cardiology | 1/1 | 1 | E | Dr Bardhyl Noci |
| 12 | Horse at the corner off arrierssurvey | 1/1 | 1 | E | Dr Avni Robaj |
| 13 | Stem cells: from biology to therapeutic applications | 1/1 | 1 | E | Dr Bajram Berishi |
| 14 | Clinical Pathology | 1/1 | 1 | E | Dr Agim Rexhepi, |
| 15 | Special operating procedures in soft tissue surgery | 1/1 | 2 | E | Dr Avni Robaj |

Elective subjects for the fifth year (5)

| | Subject | Hours | ECT S | Oblig./ Elect. | Teacher's name |
|---|--|-------|-------|----------------|--------------------------|
| 1 | Arthropod vectors: Veterinary Public Health | 2/0 | 3 | E | Dr Kurtesh Sherifi |
| 2 | Medicine of reptiles | 2/0 | 3 | E | Dr Bardhyl Noci |
| 3 | Nutrition and dietary of pet animals | 2/0 | 3 | E | |
| 4 | Pathogenesis of viral infections: molecular basis | 2/0 | 3 | E | Dr Izedin Goga |
| 5 | The basics of scientific writing | 2/0 | 3 | E | Dr Afrim Hamidi, |
| 6 | Special Topics and demonstrations in small animals | 2/0 | 3 | E | Dr Avni Robaj Prof. Ass. |
| 7 | Hygiene of aquaculture: intensive production of fish | 2/0 | 3 | E | Dr Agim Rexhepi |

| | | | | | |
|---|----------------------------|-----|---|---|----------------|
| 8 | Dermatology of dog and cat | 2/0 | 3 | E | Dr Imer Haziri |
|---|----------------------------|-----|---|---|----------------|

3. Duration of studies: 5 Years (10 semesters) 300 ECTS

4. Employment opportunities and professional qualification

Number of students to be enrolled in the proposed program

The Department of Veterinary Medicine aims to maintain the quality of studies in order to achieve the standards of knowledge and competencies which give students access to employment as well as continuation in PhD programs. The Department of Veterinary Medicine aims to admit 70 students to the program. All students who have completed high school will have the opportunity to undergo the competition procedures for selection in the veterinary medicine program.

Students who complete their studies in the veterinary medicine study program will receive a diploma for the DMV level (level 7 of qualifications) and can be employed in:

- Ministry of Agriculture, Forestry and Rural Development
- Veterinary and Food Agency
- Private sector food processing industry
- Vocational high schools
- Municipal Assemblies
- Municipal and Republican Inspectorates,
- Customs,
- Self-employed with the creation of small and medium enterprises in the field of processing agricultural products.
- Animal shelters
- Slaughterhouse
- Meat processing plants
- Milk processing plants