UCAM UNIVERSIDAD CATÓLICA DE MURCIA

BACHELOR'S DEGREE IN
VETERINARY MEDICINE

MODE
On campus

CAMPUS
Murcia

LANGUAGE
Bilingual

SEATS
60

DURATION
5 Years

FACULTY
Medicine

Career opportunities

Veterinarians represent the key element of interconnection between animal welfare, human welfare and the environment, as applied to the One Welfare and One Health concept.

The future professional profile of a veterinarian covers the following fields:
- Veterinary medicine: diagnosis, prognosis, treatment and prevention of diseases in animals.
- Animal Production and Health, Hygiene, Safety and Food Technology.

- Management of zoos, wildlife, game, natural areas and animal facilities.
- R&D&I development and management in the public sector or in the chemical-pharmaceutical and agri-food industry.
- Analytical laboratories, health teaching and education.
- Public sector (Regional Ministries of Agriculture and Health, City Councils, State Administration or the Army, which has special veterinary corps: National Veterinary Corps, Corps of Certificated Veterinarians or the Higher Corps of Military Veterinarians), or private sector.

Student profile

Future veterinarians who start studying at the Universidad Católica de Murcia (UCAM) require not only the necessary knowledge, but also scientific interest, strong organisational skills and a special interest in animal medicine and health, animal production, food hygiene and technology, and public health (from a veterinary point of view with the corresponding impact on humans). Students must be vocational and have a special sensitivity towards the animal world and nature protection.

Knowledge and skills similar to those required in Baccalaureate in the following subjects are recommended: Chemistry, Physics, Mathematics and Biology.

In addition, students must have a definite vocation for health-related issues (biomedical sciences, socio-medical sciences, healthcare practice) and a scientific inclination, an interest in biomedical research and study.

Curriculum

FIRST YEAR

- (B) Embriology and Anatomy (12)
- (B) Physics and Chemistry (4.5)
- (B) Biostatistics (6)
- (B) Biology (6)
- (OB) Etnología y Manejo Animal (4.5)
- (OB) Theology I (3)
- (B) Biochemistry and Molecular Biology (6)
- (B) Histology (6)
- (B) Physiology I (6)
- (OB) Deontología, Medicina legal y Legislación Veterinaria (6)

SECOND YEAR

- (B) Physiology II (6)
- (OB) Genetics (4.5)
- (OB) Etología, Bienestar y Protección Animal (6)
- (OB) Parasitology (4.5)
- (B) Microbiology (9)
- (B) General Pathological Anatomy (4.5)
- (OB) Nosology and Physiopathology (4.5)
- (OB) Theology II (3)
- (OB) Agronomía (3)
- (OB) Propedéutica clínica (6)
- (B) Specialised Pathological Anatomy (6)
- (OPT) Fundamental Ethics* (3)
- (OPT) Humanities* (3)

Choose 3 ECTS in optional subjects. Therefore, you must choose between Fundamental Ethics and Humanities for the second semester of the second year.

THIRD YEAR

- (OB) Farmacia y Farmacología (6)
- (OB) Epidemiology, Zoonoses and Public Health (6)
- (OB) Parasitary Diseases (9)
- (OB) Infectious Diseases (9)
- (B) Social Doctrine of the Church (3)
- (OB) Patología médica I (6)
- (OB) Diagnóstico por Imagen (4.5)
- (OB) Anestesia Veterinaria (4.5)
- (OB) Reproducción y Obstetricia I (6)
- (OB) Toxicología (6)

FOURTH YEAR

- (OB) Patología Quirúrgica y Cirugía Generales y Especiales (10.5)
- (OB) Reproducción y Obstetricia II (6)
- (OB) Patología Médica II (6)
- (OB) Nutrición Animal (9)
- (OB) Food Technology (9)
- (OB) Producción Animal, Instalaciones e Higiene Veterinaria (9)
- (OB) Farmacoterapia (4.5)
- (OB) Hygiene, Food Inspection and Control I (6)

FIFTH YEAR

- (OB) Hygiene, Food Inspection and Control II (6)
- (OB) Clínica de Animales de Abasto (3)
- (OB) Economía y Gestión de Empresas Veterinarias (3)
- (OB) Cría y Salud Animal (6)
- (OB) Medicina Preventiva y Policía Sanitaria (6)
- (OB) Food Safety (3)
- (OPT) History of Veterinary (3)
- (OPT) Applied Anatomy and Bases of Veterinary Physiotherapy* (3)
- (OB) Prácticas tuteladas (24)
- (OB) Trabajo Fin de Grado (6)