

**Department of Veterinary Surgery**

**Master's Courses**

| <b>Lesson Code</b> | <b>Course Title</b>                                        | <b>Compulsory / Elective</b> | <b>TPC</b> | <b>ECTS</b> |
|--------------------|------------------------------------------------------------|------------------------------|------------|-------------|
| <b>VCH5001</b>     | Master's Professional Field Course                         | C                            | 600        | 6           |
| <b>VCH5010</b>     | Master's Seminar                                           | C                            | 020        | 6           |
| <b>VCH5020</b>     | Master's Thesis                                            | C                            | 010        | 24          |
| <b>VCH5030</b>     | Clinical Practice -I                                       | E                            | 082        | 8           |
| <b>VCH5040</b>     | Clinical Practice -II                                      | E                            | 082        | 8           |
| <b>VCH5050</b>     | Literature Hour                                            | E                            | 021        | 3           |
| <b>VCH5060</b>     | Pre-Anesthesia Analgesia, Sedation and Pre-anesthesia      | E                            | 101        | 2           |
| <b>VCH5070</b>     | Radiology of the Extremities in Domestic Animals           | E                            | 101        | 2           |
| <b>VCH5080</b>     | Fracture Healing                                           | E                            | 101        | 2           |
| <b>VCH5090</b>     | Information About Acepsy and Sterilization                 | E                            | 101        | 2           |
| <b>VCH5100</b>     | Antiseptics Used in Veterinary Practice                    | E                            | 101        | 2           |
| <b>VCH5110</b>     | Introduction to External Diseases                          | E                            | 202        | 4           |
| <b>VCH5120</b>     | Suture Materials and Techniques Used in Veterinary Surgery | E                            | 101        | 2           |
| <b>VCH5130</b>     | Wounds in Domestic Animals                                 | E                            | 101        | 2           |
| <b>VCH5140</b>     | Surgical Diseases of the Skin                              | E                            | 202        | 4           |
| <b>VCH5150</b>     | Tendo and Tendovagina Diseases in Equidae                  | E                            | 202        | 4           |
| <b>VCH5160</b>     | Muscle, Joint and Bone Diseases in Equidae                 | E                            | 202        | 4           |
| <b>VCH5170</b>     | Surgical Diseases of the Abdominal Wall                    | E                            | 101        | 2           |
| <b>VCH5180</b>     | Vascular and Nerve Diseases                                | E                            | 202        | 4           |
| <b>VCH5190</b>     | Veterinary Plastic Surgery                                 | E                            | 101        | 2           |
| <b>VCH5200</b>     | Postoperative Intraabdominal Complications                 | E                            | 101        | 2           |
| <b>VCH5210</b>     | Fluid-Electrolyte Balance in Animals                       | E                            | 202        | 4           |
| <b>VCH5220</b>     | Drugs Used in the Eye and Application Methods              | E                            | 122        | 3           |
| <b>VCH5230</b>     | Basic Information about Eye                                | E                            | 101        | 2           |
| <b>VCH5240</b>     | Extraocular Diseases in Small Domestic Animals             | E                            | 101        | 2           |
| <b>VCH5250</b>     | Eye Diseases in Small Domestic Animals                     | E                            | 101        | 2           |
| <b>VCH5260</b>     | Ophthalmology of Equidae                                   | E                            | 101        | 2           |
| <b>VCH5270</b>     | Ophthalmology of Domestic Ruminants                        | E                            | 101        | 2           |
| <b>VCH5280</b>     | Veterinary Neuro-Ophthalmology                             | E                            | 101        | 2           |
| <b>VCH5290</b>     | Ophthalmic Surgery in Small Animals                        | E                            | 101        | 2           |
| <b>VCH5300</b>     | Ophthalmology of Exotic Animals                            | E                            | 101        | 2           |
| <b>VCH5310</b>     | Ophthalmology of Laboratory Animals                        | E                            | 101        | 2           |
| <b>VCH5320</b>     | Laparoscopic Surgery                                       | E                            | 202        | 4           |
| <b>VCH5330</b>     | Diseases of the Oral Mucosa, Palate, Tongue and Tonsils    | E                            | 202        | 4           |
| <b>VCH5340</b>     | Diseases of the salivary glands and ducts                  | E                            | 202        | 4           |
| <b>VCH5350</b>     | Dental Disorders and Diseases                              | E                            | 101        | 2           |
| <b>VCH5360</b>     | Diseases of Auricle and Outer Ear                          | E                            | 202        | 4           |
| <b>VCH5370</b>     | Middle Ear Diseases                                        | E                            | 202        | 4           |
| <b>VCH5380</b>     | Inner Ear Diseases                                         | E                            | 202        | 4           |
| <b>VCH5390</b>     | Stomach and Intestinal Diseases in Domestic Animals        | E                            | 101        | 2           |
| <b>VCH5400</b>     | Urinary System Diseases                                    | E                            | 202        | 4           |
| <b>VCH5410</b>     | Male Genital Organ Diseases in Domestic Animals            | E                            | 101        | 2           |

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|----------------|----------------------------------------------------------------------------------------|---|-----|---|
| <b>VCH5420</b> | Rectum and Anus Diseases                                                               | E | 202 | 4 |
| <b>VCH5430</b> | Surgical Diseases of the Chest Region                                                  | E | 202 | 4 |
| <b>VCH5440</b> | Diseases of the Soft Tissues of the Head                                               | E | 202 | 4 |
| <b>VCH5450</b> | Diseases of Oesophagus, Larynx and Trachea                                             | E | 101 | 2 |
| <b>VCH5460</b> | Laparotomy Techniques in Cattle and Horses                                             | E | 202 | 4 |
| <b>VCH5470</b> | Laparotomy Techniques in Dogs and Cats                                                 | E | 202 | 4 |
| <b>VCH5480</b> | Laparotomy Techniques in Laboratory Animals                                            | E | 202 | 4 |
| <b>VCH5490</b> | Central Nervous System Traumatic Disorders                                             | E | 101 | 2 |
| <b>VCH5500</b> | Nose and Nasal Cavities Diseases                                                       | E | 101 | 2 |
| <b>VCH5510</b> | Clinical Uses of Non-Volatile General Anesthetics in Carnivores and Laboratory Animals | E | 122 | 3 |
| <b>VCH5520</b> | Clinical Uses of Non-Volatile General Anesthetics in Ruminants and Equines             | E | 122 | 3 |
| <b>VCH5530</b> | Clinical Uses of Inhalation Anesthetics in Carnivores and Laboratory Animals           | E | 122 | 3 |
| <b>VCH5540</b> | Clinical Uses of Inhalation Anesthetics in Ruminants and Equidae                       | E | 122 | 3 |
| <b>VCH5550</b> | Reanimation and Intensive Care                                                         | E | 101 | 2 |
| <b>VCH5560</b> | Complications Related to General Anesthesia                                            | E | 101 | 2 |
| <b>VCH5570</b> | Use of Local Anesthetics in Operations                                                 | E | 122 | 3 |
| <b>VCH5580</b> | Nerve Block Anesthesia in Horses                                                       | E | 101 | 2 |
| <b>VCH5590</b> | Clinical Use of Anticholinergic and Muscle Relaxants in Anesthesia                     | E | 101 | 2 |
| <b>VCH5600</b> | Clinical Use of Solid and Inhalation General Anesthetics in Pigs and Wild Animals      | E | 223 | 4 |
| <b>VCH5610</b> | Basic Information and Imaging Methods in Radiology                                     | E | 101 | 2 |
| <b>VCH5620</b> | Radiology of the Head and Neck Region in Domestic Animals                              | E | 202 | 4 |
| <b>VCH5630</b> | Radiology of the Respiratory System                                                    | E | 202 | 4 |
| <b>VCH5640</b> | Heart Radiology                                                                        | E | 202 | 4 |
| <b>VCH5650</b> | Radiography of the Digestive System                                                    | E | 202 | 4 |
| <b>VCH5660</b> | Radiography of the Urinary System                                                      | E | 202 | 4 |
| <b>VCH5670</b> | Radiology of the Central Nervous System                                                | E | 202 | 4 |
| <b>VCH5680</b> | Basic Principles in Ultrasonography                                                    | E | 101 | 2 |
| <b>VCH5690</b> | Ultrasonography of the Urinary System                                                  | E | 202 | 4 |
| <b>VCH5700</b> | Ultrasonography of the Liver, Spleen and Other Abdominal Organs                        | E | 202 | 4 |
| <b>VCH5710</b> | Ultrasonography of Tendon, Muscle and Joints                                           | E | 202 | 4 |
| <b>VCH5720</b> | Ultrasonography of the Reproductive Organs                                             | E | 202 | 4 |
| <b>VCH5730</b> | Arthroscopy and Endoscopy                                                              | E | 202 | 4 |
| <b>VCH5740</b> | Contrast Substance Use in Radiology                                                    | E | 101 | 2 |
| <b>VCH5750</b> | Radiation and Protection                                                               | E | 101 | 2 |
| <b>VCH5760</b> | Radiographic Positions                                                                 | E | 101 | 2 |
| <b>VCH5770</b> | Treatment Methods of Fractures                                                         | E | 202 | 4 |
| <b>VCH5780</b> | Intramedullary Osteosynthesis                                                          | E | 202 | 4 |
| <b>VCH5790</b> | Extremity and Pelvic Diseases                                                          | E | 202 | 4 |
| <b>VCH5800</b> | Knee Joint Cruciate Ligament Lesions in Dogs                                           | E | 202 | 4 |
| <b>VCH5810</b> | Hip Dysplasia in Dogs                                                                  | E | 202 | 4 |
| <b>VCH5820</b> | Osteochondritis Dissecans                                                              | E | 202 | 4 |
| <b>VCH5830</b> | Arthrodesis                                                                            | E | 101 | 2 |
| <b>VCH5840</b> | Arthroplasty                                                                           | E | 202 | 4 |
| <b>VCH5850</b> | Disc Diseases                                                                          | E | 101 | 2 |

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|----------------|---------------------------------------------------|---|-----|---|
| <b>VCH5860</b> | Surgical Approaches to the Bones of Cats and Dogs | E | 202 | 4 |
| <b>VCH5870</b> | Bone Grafts                                       | E | 202 | 4 |
| <b>VCH5880</b> | Horseshoe Technique and Orthopedic Horseshoes     | E | 202 | 4 |
| <b>VCH5890</b> | Diseases of Hoof Capsule and Corium in Cattle     | E | 202 | 4 |
| <b>VCH5900</b> | Common surgical operations in pigs                | E | 101 | 2 |
| <b>VCH5910</b> | Imaging methods in pigs                           | E | 101 | 2 |