

Contents of the examination for the admission restrictions applied to the Master's programmes 2016/17 at the University of Veterinary Medicine, Vienna in accordance with § 71d (4) and (6) in conjunction with § 71c (6) section 3 and § 143 (46) UG 2002 (UG - Law on University Studies), Federal Law Gazette I No. 131/2015.

**Master's programmes offered by the University of Veterinary Medicine, Vienna in the 2016/2017 academic year**

## **1. Interdisciplinary Master in Human-Animal Interactions**

### **a. Basic Biology**

Campbell N, Reece J. Biology. 2008. 8th edition. Boston, Mass.: Pearson Education Inc.

- i. Chapter 22 Descent with Modification: A Darwinian View of Life (25 pages 452–467)
- ii. Chapter 40: Basic Principles of Animal Form and Function (30 pages 852–874)
- iii. Chapter 50: Sensory and Motor Mechanisms (41 pages 1087–1119)
- iv. Chapter 53: Population Ecology (8 pages 53.1, 53.2 1174–1181)

### **b. Basic animal husbandry and animal protection**

Campbell N, Reece J. Biology. 2008. 8th edition. Boston, Mass.: Pearson Education Inc.

- i. Chapter 41: Nutrition (23 pages 875–897)
  - ii. Chapter 51: Animal Behavior (25 pages 1120–1144)
- The Ethology of Domestic Animals by Jensen, P. (2009, 2nd edition)
- iii. Chapter 1: The study of animal behavior and its applications

### **c. Basic human medicine and veterinary medicine**

Berkowitz A. 2007. Clinical Pathophysiology Made Ridiculously Simple. Miami, Fla.: MedMaster Inc.

- i. Pages 1-5, 14-21, 22-24, 35-40, 47-51, 64-70, 71-81, 88-93, 106-110, 118-128.
- Alberts B, Johnson A, Lewis J. 2008. Molecular Biology of the Cell. New York, NY: Garland Science.
- ii. Pages 88-123, 125-140, 197-201, 968, 978-979, 994-995

**d. Philosophy and ethics**

Armstrong S J, Botzler R (eds.) 2008. The Animal Ethics Reader. 2 nd edition. London/New York: Routledge.

- i. Pages 1–3: General Introduction – Animal Ethics: A Sketch of How it Developed and Where it is Now (by Susan Armstrong and Richard Botzler)
- ii. Pages 19–26: The Case for Animal Rights (by Tom Regan)
- iii. Pages 303–307: The Case for Animal Rights – Laboratory Studies (by Tom Regan)

Singer P. 2009. Animal Liberation: the definitive classic fo the animal movement. New York: Harper Collins.

- i. Pages 1–23: All Animals are Equal (by Peter Singer)

**2. Master's Programme in Biomedicine and Biotechnology**

Alberts B. 2015. Molecular Biology of the cell. Part I-IV, 6th revised edition, New York, NY: Garland Science, Part I-IV.