



University of Oum El Bouaghi

Master's degree in Veterinary Science

Biology and Physiology of Animal Reproduction

Program Description:

The Master's degree in Biology and Physiology of Animal Reproduction allows students to acquire scientific knowledge and applied skills in the field of biology in general and in the reproductive physiology of humans and animals in particular. The knowledge gained allows graduate students access to the world of work in available jobs, whether in the laboratories of the health sector or the field of education and even forensic science laboratories. The graduated student can also establish start-ups stemming from innovative ideas that address health or environmental problems, in addition to the possibility of continuing studies and training in doctoral programs in the disciplines of biological sciences and animal physiology.

Modules studied in the first year :

First semester/

- * Molecular Biology
- * Fundamental Toxicology
- * Immunology
- * PW special Histology
- * Computer sc.
- * Pathogen agents
- * Communication

Second Semester/

- * Physiology of Reproduction
- * Molecular and cellular aspect of development

- * Enzymology
- * Plant extraction techniques
- * Microtechniques
- * Pathogen agents
- * Legislation

Modules studied in the second year :

Third Semester/

- * Physiopathology of Reproduction
- * Endocrinology of Reproduction
- * Toxicology and Pharmacology of Reproduction
- * Animal husbandry techniques
- * Article analysis
- * Bioclimatology
- * Entrepreneurship

Fourth Semester

- * Graduation thesis realization