



جامعة بنها  
كلية الطب البيطرى بمشتهر  
قسم الفسيولوجيا

**ثالثا: برنامج جودة ومراقبة الأغذية:**

**(1) الفصل الدراسى الأول:**

- 1- Neural control of the heart
- 2- Cardiac cycle
- 3- Erythropoiesis
- 4- Types and functions of leukocytes
- 5- Resting membrane potential

**(2) الفصل الدراسى الثانى:**

- 1- Ovarian hormones
- 2- Hormonal changes during estrous cycle
- 3- Autonomic receptors
- 4- Pituitary gland
- 5- Avian digestive system

**(3) فسيولوجى خاص:**

- 1- Growth and factors affecting it
- 2- Ear and mechanism of hearing
- 3- Physiology of taste
- 4- Physiology of smell
- 5- The retina of the eye
- 6- Stress and its causes

**(4) فسيولوجى تكميلى:**

- 1- Basal metabolic rate
- 2- Glomerular filtration rate
- 3- Neural and chemical control of respiration
- 4- Neural and hormonal regulation of GIT
- 5- Thermoregulation against heat and cold