

## Pharmacology and Veterinary Pharmaceutics

| <b>Course Code</b>                | <b>Course Name</b>  | <b>Credit Hours</b> | <b>Lectures</b> | <b>Practical</b> |
|-----------------------------------|---|---------------------|-----------------|------------------|
| <b>First Semester</b>             |   |                     |                 |                  |
| <b>PHA-4225</b>                   | <b>General and Systematic Pharmacology</b>                                  | <b>3</b>            | <b>2</b>        | <b>1</b>         |
| <b>PHA-4227</b>                   | <b>Veterinary Pharmaceutics and Manufacturing of Animal Health Products</b> | <b>3</b>            | <b>2</b>        | <b>1</b>         |
| <b>PHY-4075</b>                   | <b>General Physiology</b>   | <b>3</b>            | <b>2</b>        | <b>1</b>         |
| <b>TFM-4275</b>                   | <b>General Toxicology</b>   | <b>3</b>            | <b>2</b>        | <b>1</b>         |
|                                   | <b>Elective Course</b>  |                     |                 |                  |
| <b>Second Semester</b>            |   |                     |                 |                  |
| <b>PHA-4226</b>                   | <b>Clinical Pharmacology</b>  | <b>3</b>            | <b>2</b>        | <b>1</b>         |
| <b>PHA-4228</b>                   | <b>Veterinary Chemotherapy and Drug Toxicity</b>                            | <b>3</b>            | <b>2</b>        | <b>1</b>         |
| <b>BIC-4051</b>                   | <b>Metabolism</b>   | <b>2</b>            | <b>1</b>        | <b>1</b>         |
| <b>PHA-4230</b>                   | <b>Pharmacology: Drug residues</b>  | <b>2</b>            | <b>1</b>        | <b>1</b>         |
|                                   | <b>Elective Course</b>  |                     |                 |                  |
| <b>Available Elective Courses</b> |   |                     |                 |                  |
| <b>NCN-4133</b>                   | <b>Clinical Nutrition</b>   | <b>3</b>            | <b>2</b>        | <b>1</b>         |
| <b>PAR-4152</b>                   | <b>Helminthology</b>  | <b>3</b>            | <b>2</b>        | <b>1</b>         |
| <b>MIC-4200</b>                   | <b>Fundamental Bacteriology and Mycology</b>                                | <b>3</b>            | <b>2</b>        | <b>1</b>         |
| <b>PHA-4231</b>                   | <b>Marketing of Drug Products</b>   | <b>2</b>            | <b>1</b>        | <b>1</b>         |
| <b>VHM-4325</b>                   | <b>Behaviors and Management of Lab Animals</b>                              | <b>3</b>            | <b>2</b>        | <b>1</b>         |
| <b>SAR-4501</b>                   | <b>Anesthesiology</b>   | <b>2</b>            | <b>1</b>        | <b>1</b>         |
| <b>THR-4537</b>                   | <b>Diseases of Female Reproductive System</b>                               | <b>2</b>            | <b>1</b>        | <b>1</b>         |
| <b>THR-4538</b>                   | <b>Diseases of Male Reproductive System</b>                                 | <b>2</b>            | <b>1</b>        | <b>1</b>         |

**This Diploma qualifies for registration in Master's degree of:**

- 1- Veterinary Pharmacology.
- 2- Physiology.