

Principle courses for PhD

Code & Name	Contents
<u>PHY 2030</u> Advanced technique in physiology	Electro physiology cell signaling and role in cellular, nervous system physiology voluntary and involuntary muscular molecular changes during muscle contraction Electrophoresis for hemoglobin, plasma proteins and immunoglobulin. Molecular changes during gas exchange, digestion and absorption of nutrients, urine formation and excretion.
<u>PHY 2031</u> Advanced technique in physiology	The role of molecular biology in hormone cycle, endocrine gland functions, male and female reproductive system and lactation - molecular biology in growth and energy.