



# BAREILLY INTERNATIONAL UNIVERSITY

Pilibhit Bypass Road, Bareilly - 243006 (U.P) India

Phone: 0581-2526051, 053, 153

Email: info@biu.edu.in Website : www.biu.edu.in

---

## **Course Work - Ph. D.**

### **Syllabus – Faculty of Medicine**

#### **Paper-II (100 Marks)**

#### **Anatomy (Code – 91136)**

**Credits : 04**

**Hrs. : 60**

### **UNIT - I**

#### **Cartilage**

- Definition
- Types
- Composition
- Distribution
- Microscopic structure

### **UNIT - II**

#### **Bones**

- Definition
- Types
- Microscopic structure
- Ossification
- Structure of Young long bone
- Blood supply of bone
- Epiphysis

### **UNIT - III**

#### **Muscles**

- Types of Muscles
- Distribution
- Microscopic & electron microscopic features

### **UNIT - IV**

#### **Nerves**

- Structure of Neurons
- Types of Neurons
- Structure of Nerve Fibers and its types
- Autonomic Nervous System

### **UNIT - V**

#### **Joints**

- Definition
- Classification of Joints
- Examples

### **UNIT - VI**

#### **Bones**

- Types of Blood Vessels
- Microscopic features of Blood Vessels
- Anastomosis
- Sinusoids