

## Syllabus for Pre-Medical (B.S)

### FIRST TERM

- ▶ Calculus & Analytical
- ▶ Geometry
- ▶ Biochemistry
- ▶ Plant Morpho-Anatomy
- ▶ Comparative Vertebrate Anatomy
- ▶ General Psychology
- ▶ Parasitology
- ▶ Evolutionary Biology

### SECOND TERM

- ▶ Plant Physiology
- ▶ Fundamentals of Genetics
- ▶ Animal Physiology
- ▶ Entomology
  
- ▶ General Microbiology
- ▶ Philosophy of Man
- ▶ Developmental Biology

### Duration of Each Term - 4 Months

### THIRD TERM

- ▶ Ecology
- ▶ Education for Sustainable
- ▶ Development
- ▶ Research Methodology
- ▶ Systematic Biology
- ▶ Cell & Molecular Biology
- ▶ Comparative Religion
- ▶ Politics & Governance / Phil. Const

### FOURTH TERM

- ▶ Rizal's Life, Works & Writings
- ▶ Econ. /Taxation & Agrarian Reform
- ▶ Human Genetic
- ▶ Radiation Biology
- ▶ Histology & Micro-Technique
- ▶ Research in Bio.Sc. (Thesis Writing)
- ▶ Immunology

## Syllabus For 4 Year Medical Curriculums Leading to MD Degree

### Duration of Each Term – 6 Months

### FIRST YEAR

#### First Semester

- ▶ Gross Anatomy
- ▶ Histology
- ▶ Physiology
- ▶ Biochemistry
- ▶ Neuroscience 1
- ▶ Prim. Health Care

#### Second Semester

- ▶ Gross Anatomy
- ▶ Histology
- ▶ Physiology
- ▶ Biochemistry
- ▶ Neuroscience 1
- ▶ Biostatistics
- ▶ History of Medicine

### SECOND YEAR

#### First Semester

- ▶ Pharmacology
- ▶ Microbiology
- ▶ Gen Pathology
- ▶ Clin. Pathology
- ▶ Phys Diagnosis
- ▶ Neuroscience 2
- ▶ Epidemiology

#### Second Semester

- ▶ Pharmacology
- ▶ Parasitology
- ▶ Gen Pathology
- ▶ Clin. Pathology
- ▶ Phys Diagnosis
- ▶ Neuroscience 2
- ▶ Pediatrics
- ▶ Surgery

### THIRD YEAR

#### First Semester

- ▶ Pediatrics
- ▶ Ob-Gyne
- ▶ Surgery
- ▶ Medicine
- ▶ Legal Medicine
- ▶ EENT
- ▶ Neuroscience 3

#### Second Semester

- ▶ Pediatrics
- ▶ Ob-Gyne
- ▶ Surgery
- ▶ Medicine
- ▶ Com. Medicine
- ▶ Dermatology
- ▶ Radiology
- ▶ Eed. Ethics
- ▶ Rehab. Med
- ▶ Neuroscience 3

### FOURTH YEAR

#### First Semester

- |                          |         |
|--------------------------|---------|
| ▶ Clinical Skills Module | 4 weeks |
| ▶ Medicine               | 8 weeks |
| ▶ Surgery                | 8 weeks |
| ▶ Ob-Gynecology          | 8 weeks |
| ▶ Pediatrics             | 8 weeks |
| ▶ Comm. Med.             | 8 weeks |
| ▶ Ophthalmology + ENT    | 2 weeks |
| ▶ Dermatology            | 2 weeks |
| ▶ Psychiatry             | 4 weeks |

**Total:**

**52 weeks**



*University of Peshawar*

2008

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