



University of Perpetual Help Dr. Jose G. Tamayo Medical University

Sto. Niño, Biñan, Laguna



COLLEGE OF MEDICINE

FIRST YEAR

Subjects	Hours
Gross Anatomy	340
Physiology	272
Biochemistry	272
Histology	136
Neuro-Anatomy	102
Preventive Medicine & Community Health I	102
Psychiatry I	34
Principles of Medicine Practice I	34
Christian Physician I	17

1309 TOTAL HOURS

Course description

ANATOMY

Gross Anatomy

This course is designed to orient and acquaint the student with the distinguishing features of the different clinically relevant anatomic structures. It involves essentially a morphological study of the structures of the human body and are discussed in relation to their clinical importance.

The course of Surgical Anatomy is also integrated and designed to provide the students with a strong foundation in the basic relationship between Anatomy and Surgery.

The course **Embryology** covers a perspective of the evolution of different structures of the human body from the time of fertilization to the fully developed fetus. Genetics is integrated with embryology, so that the students are exposed to the normal development and the possible anomaly that may occur.

Anatomy

340 hours

- *Gross Anatomy* 306 hours
 - *Embryology* 34 hours
- Total: 340 hours*

PHYSIOLOGY

The course deals with the physiology and functions of the body and correlates the clinical manifestations with the underlying physiological changes that are influenced by the internal and external environmental changes in the body. *272 hours*

BIOCHEMISTRY

The course is a study of the chemical composition of the human body and the different chemical reactions that substances undergo. The student is made to understand the chemical mechanisms involved in the biosynthesis, utilization and degradation of the major constituents present in the living human body. It includes hormonal regulation of the metabolic processes and the biochemistry of specialized tissues and body fluids and also intermediary metabolism. *272 hours*

HISTOLOGY

The course is designed to provide the essential knowledge of the microscopic structures of the human body. The subject matter covers microscopy and cytology. A knowledge of the use of the microscope is an important prerequisite in the study of the cells. *136 hours*

NEURO-ANATOMY

This course encompasses the developmental and functional approaches to the morphological structure of the nervous system that is later correlated with the clinical cases in the fields of Neurology, Neuro-Radiology, Neuro-Pathology and Psychiatry. *136 hours*

PREVENTIVE MEDICINE AND COMMUNITY HEALTH I (Health and Normality)

This course deals with the concept of health and normality based on the socio-cultural, physical and biometric sense. It also orients the students on the health behaviour of the people in rural communities. *102 hours*

PSYCHIATRY I (Introduction to Psychiatry)

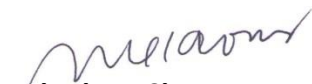
This is the study of influences, factors and processes that play a role in the development of personality. This includes the genetic, neuropsychological, endocrine and biopsychological factors such as socio-cultural, anthropological and religious matters which influence disease. The various methods of personality classifications and assessments are presented to the students. *34 hours*

PRINCIPLES OF MEDICAL PRACTICE I (History of Medicine and Medical Ethics)

This course deals with the fascinating and factual account of the various stages of the development of the medical profession and the cultural and religious influences that plays a role in discoveries of drugs, operative procedures and other related matters to medicine. It also seeks to introduce primary principles related to basic human values. It deals with ethical principles such as those concerning human sexual behaviour. *34 hours*

CHRISTIAN PHYSICIAN I (General Bioethics)

This course provides the students with an organic and systematic overview of the basic tenets of the Christian faith. *17 hours*



Winnie P. Siao, MD, MPH
Dean