

# **2013 – 2015 Catalog - NYIT College of Osteopathic Medicine**

## **Addendum #1**

### **Effective 2014 – 2015 Academic Year**

#### **Curriculum: Lecture-Discussion Based (LDB)**

##### **LDB 502**

##### **Hematological/Immunological System**

***Credits: 6.5***

This course includes basic science (cellular and molecular) principles, as applied and relevant to the physiology, pathophysiology, and clinical presentations of the Hematological/Immunological system.

##### **LDB 503**

##### **Integumentary System**

***Credits: 3.0***

This course includes basic science (cellular and molecular) principles, as applied and relevant to the physiology, pathophysiology, and clinical presentations of the Integumentary system.

##### **LDB 505**

##### **Musculoskeletal System**

***Credits: 4.0***

This course includes basic science (cellular and molecular) principles, as applied and relevant to the physiology, pathophysiology, and clinical presentations of the Musculoskeletal system.

##### **LDB 506**

##### **Nervous System and Behavior**

***Credits: 7.0***

This course includes basic science (cellular and molecular) principles, as applied and relevant to the physiology, pathophysiology, and clinical presentations of the Nervous system.

##### **LDB 507**

##### **Foundations of Osteopathic Medicine**

***Credits: 15***

The Foundations of Osteopathic Medicine course presents, reviews, and reinforces common and basic concepts of biomedical, structural and clinical sciences essential for understanding and practicing Osteopathic Medicine. The course is pedagogically organized into three intertwining threads: Cellular and Molecular Basis of Medicine covering essential basics in biochemistry, genetics, histology, microbiology, pathology, pharmacology, physiology, and neuroanatomy; Structural and Functional Basis of Medicine offering an overview of how Anatomy and Osteopathic Manipulative Medicine are an organic foundation of Osteopathic Medicine and how their study should be approached; and Practice of Medicine offering an analysis of the broad context in which medicine is practiced and initiating the training in clinical examination, communication and other skills.

##### **BLS 501**

##### **Basic Life Support Seminar**

***Credits: 0.0***

A nine-hour seminar, approved by the American Heart Association, in Basic Life Support, including one- two-man and infant cardiopulmonary resuscitation, and adult and infant choking victims, and laboratory work mannequins. An American Heart Association CPR card issued upon passing practical and written examination.

**CCC 500****Core Clinical Competencies Seminar I****Credits: 0.0**

This seminar will provide instruction and practice to develop those core competencies, namely data-gathering (history-taking, physical examination), doctor-patient interpersonal skills, and OMM/OMT through the Institute for Clinical Competence (ICC) patient simulation program. All students must successfully complete this course and pass the end of year Objective Structured Clinical Examination (OSCE) in order to be promoted to year two.

## **Curriculum: Doctor Patient Continuum (DPC)**

**DPC 502****Biopsychosocial Sciences I****Credits: 14.0**

Biopsychosocial Sciences I, the first of a series of courses, is designed to introduce osteopathic medical students to the biomedical, psychosocial, and clinical aspects of health and disease. Structured learning activities include the extensive use of small-group case-based learning, supplemented by lectures and laboratories in anatomy, and large- group faculty directed “problem sets” and resource hours.

**DPC 503****Clinical Sciences I****Credits: 6.0**

Clinical Sciences I, the first of a series of courses, provides training (lecture/laboratory) in the clinical skills of patient interviewing and history taking, psychosocial interaction, physical diagnosis, osteopathic manipulative medicine (OMM), and osteopathic principles and practice (OPP). Structured learning activities include clinical case scenarios represented by “paper patients” as well as simulated - and robotic-patients (Institute for Clinical Competency - ICC). Hands-on practice is an essential component of this course.

**DPC 504****Biopsychosocial Sciences II****Credits: 14.0**

Biopsychosocial Sciences II, the second of a series of courses, is designed to introduce osteopathic medical students to the biomedical, psychosocial, and clinical aspects of health and disease. Structured learning activities include the extensive use of small-group case-based learning, supplemented by laboratories in Neuroanatomy, KBIT (Knowledge- Based Inference Tool), a web-based program to help increase differential diagnosis capabilities, and large-group faculty directed “problem sets” and resource hours.

**DPC 505****Clinical Sciences II****Credits: 6.0**

Clinical Sciences II, the second of a series of courses, expands and enhances training (lecture/laboratory) in the clinical skills of patient interviewing and history taking, psychosocial interaction, physical diagnosis, osteopathic manipulative medicine (OMM), and osteopathic principles and practice (OPP). Structured learning activities include clinical case scenarios represented by “paper patients” as well as simulated and robotic patients (Institute for Clinical Competency - ICC) and actual patients (clinical practicum).

**BLS 501****Basic Life Support****Credits: 0.0**

A nine-hour seminar, approved by the American Heart Association, in Basic Life Support, including one- and two-man and infant cardiopulmonary resuscitation, adult and infant choking victims, and laboratory work mannequins. American Heart Association CPR card issued upon passing practical and written examination.

**SEM 603****Infection Control Seminar*****Credits: 0.0***

This seminar acquaints students with necessary precautions to be taken in dealing with blood-borne pathogens and other infectious material in hospital and clinic settings. It satisfies the NYS and OSHA mandates for student education prior to enrollment in clinical clerkships.

**SEM 605****Health Insurance Portability and Accountability Act Seminar (HIPAA)*****Credits: 0.0***

This seminar presents the essential elements of this legislation as it applies to the health providers and medical students in a clinical setting. It addresses both major components of HIPAA - insurance reform, and administrative simplification.

**CCC 500****Core Clinical Competencies Seminar I*****Credits: 0.0***

This seminar will provide instruction and practice to develop those core competencies, namely data-gathering (history-taking, physical examination), doctor-patient interpersonal skills, and OMM/OMT through the Institute for Clinical Competence (ICC) patient simulation program. All students must successfully complete this course and pass the end-of-year Objective Structured Clinical Examination (OSCE) in order to be promoted to year two.