



August 17, 2015

Please note the updated credit hours for the 2015/16 WVSOM college catalog.

First-Year Curriculum

The PPC curriculum is based on the most common ways that patients present to a physician. These presentations provide the framework for the curricular structure. The Year 1 curriculum begins with a foundation course to provide basic mechanisms needed to understand the subsequent patient presentations and treatments. The year continues with relatively uncomplicated presentations organized by organ systems. Early clinical experiences are emphasized from the first week of instruction through the Clinical Skills, Osteopathic Principles and Practice and Early Clinical Exposure courses. Also, in the first year, all students receive instruction important to WVSOM's mission of training primary care physicians for rural medical practice, including a focus on the special health care needs in West Virginia.

607 Foundations of Osteopathic Medicine (6.0 credit hours):

The course is designed to introduce basic topics in clinical sciences, biochemistry, cell biology, physiology, pharmacology, microbiology, immunology, epidemiology, anatomy and pathology. Mastery of these topics will be needed to allow student success in the patient presentation courses to follow.

616 Skin/Musculoskeletal (7.75 credit hours):

The course is designed to provide the basic clinical science and biomedical science foundations needed for the diagnosis and treatment of diseases and injuries of the skin and musculoskeletal system, using the context of common patient presentations.

624 Neuro/Blood and Lymph (8.75 credit hours):

The course is designed to provide the basic clinical science and biomedical science foundations needed for the diagnosis and treatment of diseases and injury of the central nervous and blood and lymphoid systems, using the context of common patient presentations.

626 Endocrine/Reproductive (6.5 credit hours):

The course is designed to provide the basic clinical science and biomedical science foundations needed for the diagnosis and treatment of diseases and injury of the endocrine and reproductive systems, using the context of common patient presentations.

630 Cardiovascular/Respiratory (8 credit hours):

The course is designed to provide the basic clinical science and biomedical science foundations needed for the diagnosis and treatment of diseases and injury of the cardiovascular and respiratory systems, using the context of common patient presentations.

652 Renal/Gastrointestinal (7 credit hours):

The course is designed to provide the basic clinical science and biomedical science foundations needed for the diagnosis and treatment of diseases and injury of the renal and gastrointestinal systems, using the context of common patient presentations.

696 Early Clinical Encounters (.25 credit hours):

Physician shadowing experiences at the Robert C. Byrd Clinic.

698 Clinical Skills I Lab (1.25 credit hours):

Students receive instruction in physical diagnosis and evaluation skills such as auscultation, use of diagnostic equipment and physician-patient communication in a laboratory setting as preparation for early clinical contact. These labs include experience with standardized patients and human patient simulators.

699 Osteopathic Principles and Practice I (2 credit hours):

This course provides an introduction to the principles of osteopathy, emphasizing diagnostic palpation methods and multiple corrective procedures for structural abnormalities. Integration of osteopathic principles and practice with organ systems is maintained throughout the course of instruction. This hands-on course provides the foundation for practice of osteopathic manipulative treatment.



August 17, 2015

Please note the updated credit hours for the 2015/16 WVSOM college catalog.

Second-Year Curriculum

Year 2 of the Patient Presentation Curriculum continues the presentation of basic clinical science and biomedical science foundations needed for the diagnosis and treatment of disease. Second year presentations will become progressively more complex and incorporate previous presentations to form a spiral curriculum that reinforces and builds on previous learning. Students will continue to develop their clinical and osteopathic skills in lab courses.

711 Osteopathic Medicine I (9.5 credit hours):

Studies of the basic clinical and biomedical foundations of osteopathic medicine centered around patient presentations involving cardiovascular, musculoskeletal and reproductive medicine.

712 Medical Professionalism (1 credit hour):

This course will expose the student to professional responsibilities of a physician. The student will participate in activities related to compassionate care, the safety of patients, and commitment to ethical issues in research and patient care.

722 Osteopathic Medicine 2 (6.75 credit hours):

Studies of the basic clinical and biomedical foundations of osteopathic medicine centered around patient presentations involving renal and nervous system medicine.

731 Osteopathic Principles and Practice II Lab (1.75 credit hours):

Training in osteopathic principles and practice continues during the year. The osteopathic concepts of the integrity of the body, the interrelationships of structure and function and osteopathic manipulative treatment in health and/disease pervade the curriculum. One of the highlights of the second year is a student-driven, free clinic for osteopathic structural diagnosis and osteopathic manipulative treatment under the supervision of clinical faculty that provides the student with hands-on experience with actual patients.

743 Osteopathic Medicine 3 (6.5 credit hours):

Studies of the basic clinical and biomedical foundations of osteopathic medicine centered around patient presentations involving respiratory, cardiovascular and gastrointestinal medicine.

754 Osteopathic Medicine 4 (5.25 credit hours):

Studies of the basic clinical and biomedical foundations of osteopathic medicine centered around patient presentations involving psychiatry, blood and blood forming organs, immune system and musculoskeletal problems.

765 Osteopathic Medicine 5 (6.5 credit hours):

Studies of the basic clinical and biomedical foundations of osteopathic medicine centered around patient presentations involving genitourinary medicine, chronic pain and substance abuse, and skin problems.

795 Clinical Skills II Lab (3.75 credit hours):

Clinical preparation is emphasized throughout the curriculum in the second year of instruction in the lab-based course. Clinical instruction and practice are provided via lab and clinical experiences in the Robert C. Byrd Clinic and other medical facilities in the region including clinics, private physician offices, nursing homes, physical therapy, ambulance services and other allied health services. Clinical experiences include labs with standardized patients and with human patient simulators. Additional training in ACLS, proctology, casting/splinting, suturing, death and dying, domestic violence, and other medical procedures are included.