

Pathologists' Assistant Department Course Descriptions

First Year – Summer Quarter

MCBA 501 Clinical Anatomy, Lecture/Laboratory, 10qh

Structure of the entire human body is studied through formal lectures and cadaver-based laboratories. Emphasis is placed on the clinical applications of anatomy.

HAPA 560 Clinical Correlations I, Lecture, 3qh

This is the first part of a four quarter sequence designed to provide a bridge between the didactic coursework of the first-year curriculum and its application to the practice of Surgical and Autopsy Pathology by Pathologists' Assistants in the clinical setting. This course is taken in conjunction with the corresponding Clinical Correlations Laboratory Sequence.

HAPA 560A Clinical Correlations I Lab, Laboratory, 2qh

This is the first part of a full-year laboratory sequence designed to provide a practical, hands-on experience to the didactic portion of the corresponding Clinical Correlations lecture sequence.

HAPA 535 Medical Terminology, Lecture, 1qh

This course instructs the student in an advanced level of medical terminology pertinent to the practice of pathologists' assistants.

HAPA 550 Seminar I, Lecture/Discussion, 1qh

This course is designed as an introduction to the profession. Students will become familiar with the history and traditions of the Pathologists' Assistant Profession, and will learn about the work of Pathologists' Assistants as they function in various health care settings. This is complemented by a focused review of contemporary medical ethics.

First Year- Fall Quarter

MPAT 600A General and Systemic Pathology, Lecture/Laboratory, 6qh

The biologic bases and mechanisms of disease, including inflammation and repair, and cell injury by infectious, immunologic, vascular, genetic, physical, chemical, and neoplastic mechanisms followed by a beginning survey of disease with emphasis on clinical pathologic correlations. This is the medical school pathology sequence and is three quarters in length.

PBBS 503A Structure and Function, Lecture/Laboratory, 7qh

This is a two quarter course sequence, which will present the principles of medical histology and physiology through formal lecture and laboratory experiences. Normal organ systems will be examined at the ultrastructural, microscopic and whole-organ levels.

HAPA 561 Clinical Correlations II, Lecture, 3qh

This is the second part of a four quarter sequence designed to provide a bridge between the didactic coursework of the first-year curriculum and its application to the practice of Surgical and Autopsy Pathology by Pathologists' Assistants in the clinical setting. This course is taken in conjunction with the corresponding Clinical Correlations Laboratory Sequence.

HAPA 561A Clinical Correlations II Lab, Laboratory, 1qh

This is the first part of a full-year laboratory sequence designed to provide a practical, hands-on experience to the didactic portion of the corresponding Clinical Correlations lecture sequence.

HMTD 500 Interprofessional Healthcare Teams, Lecture/Discussion, 1qh

HMTD 500 is the first component, extending through the fall winter and spring quarters, of the Interprofessional First Year Experience for all incoming students at Rosalind Franklin University. The course is an experiential learning opportunity for students to interact in interprofessional health care teams focusing on the collaborative approach to patient centered care, with emphasis on team interaction, communication, service learning, evidence based practice and quality improvement. Interprofessional teams of students develop and participate in significant community based service learning projects. These projects focus on Prevention Education. There is also an opportunity for a small cohort of interprofessional students to collaborate in a patient centered clinical experience.

HAPA 551 Seminar II, Lecture/Discussion, 1qh

This is the first quarter of a two-quarter seminar on research design and methodology. The seminar is designed to provide students with an opportunity to engage in an in-depth exploration of a topic of their group's choosing, related to either pathologists' assistant education and professionalization or pathologists' assistant clinical practice. The goal of the seminar is to survey and critique current literature related to the chosen topic, and design and execute a study which will add to the current body of research about pathologists' assistants. The work will culminate in the production of a poster to be shown next year at the All School Research Symposium in the spring and at the AAPA annual meeting in the Fall.

First Year – Winter Quarter**MPAT 600B Systemic Pathology, Lecture/Laboratory, 6qh**

The biologic bases and mechanisms of disease, including inflammation and repair, and cell injury by infectious, immunologic, vascular, genetic, physical, chemical, and neoplastic mechanisms followed by a beginning survey of disease with emphasis on clinical pathologic correlations. This is the medical school pathology sequence and is three quarters in length.

PBBS 503A Structure and Function, Lecture/Laboratory, 4qh

This is a two quarter course sequence, which will present the principles of medical histology and physiology through formal lecture and laboratory experiences. Normal organ systems will be examined at the ultra structural, microscopic and whole-organ levels.

HAPA 562 Clinical Correlations III, Lecture, 5qh

This is the third part of a four quarter sequence designed to provide a bridge between the didactic coursework of the first-year curriculum and its application to the practice of Surgical and Autopsy Pathology by Pathologists' Assistants in the clinical setting. This course is taken in conjunction with the corresponding Clinical Correlations Laboratory Sequence.

HAPA 562A Clinical Correlations III Lab, Laboratory, 2qh

This is the third part of a full-year laboratory sequence designed to provide a practical, hands-on experience to the didactic portion of the corresponding Clinical Correlations lecture sequence.

HMTD 501 Culture in Health Care, Lecture/Discussion, 1qh

This one quarter hour (1QH) pass/fail interprofessional, interactive course is intended to help the healthcare professional student provide effective patient-centered healthcare through small group discussion and problem solving. Topics include: cultural heritage and history, diversity, health and illness, health traditions, healing traditions, familial health traditions, and personal awareness.

HAPA 552 Seminar III, Lecture/Discussion, 1qh

This is the second quarter of a two-quarter seminar on research design and methodology. The seminar is designed to provide students with an opportunity to engage in an in-depth exploration of a topic of their group's choosing, related to either pathologists' assistant education and professionalization or pathologists'

assistant clinical practice. The goal of the seminar is to survey and critique current literature related to the chosen topic, and design and execute a study which will add to the current body of research about pathologists' assistants. The work will culminate in the production of a poster to be shown next year at the All School Research Symposium in the spring and at the AAPA annual meeting in the Fall.

First Year – Spring Quarter

MPAT 600C Systemic Pathology, Lecture/Laboratory, 7qh

The biologic bases and mechanisms of disease, including inflammation and repair, and cell injury by infectious, immunologic, vascular, genetic, physical, chemical, and neoplastic mechanisms followed by a beginning survey of disease with emphasis on clinical pathologic correlations. This is the medical school pathology sequence and is three quarters in length.

HAPA 561 Clinical Correlations III, Lecture, 5qh

This is the third part of a four quarter sequence designed to provide a bridge between the didactic coursework of the first-year curriculum and its application to the practice of Surgical and Autopsy Pathology by Pathologists' Assistants in the clinical setting. This course is taken in conjunction with the corresponding Clinical Correlations Laboratory Sequence.

HAPA 561A Clinical Correlations III Lab, Laboratory, 2qh

This is the third part of a full-year laboratory sequence designed to provide a practical, hands-on experience to the didactic portion of the corresponding Clinical Correlations lecture sequence.

HAPA 540 Autopsy Pathology, Lecture, 2qh

This course provides an introduction to autopsy pathology and includes instruction in forensic, perinatal and pediatric pathology. There is a laboratory component to this class that includes practicing autopsy techniques on cadavers. The capstone project includes a PowerPoint group presentation of the cadaver evisceration and pertinent medical findings.

HAPA 540a Autopsy Pathology Lab, Laboratory, 2qh

This is the corresponding laboratory to complement the Autopsy Pathology lecture-based course, and provides the student with hands-on experience practicing autopsy techniques on cadavers.

PBBS 504 Neuroscience, Lecture/Laboratory, 4qh

Neuroscience is a comprehensive series of lectures on the structure, neurophysiology, function, and neurological disorders of the human nervous system. The lectures are complemented by visual aids, laboratory demonstrations and clinical applications.

HMTD 551 Leadership in the Healthcare Environment, Lecture/Discussion, 3qh

This interprofessional course is designed to introduce the student to the concept of leadership within the healthcare environment. Leadership skills learned as part of previous service activities, sports, or academic study will be applied to the healthcare setting using case studies and small group discussion. The course begins with an overview of leadership styles, and then continues with more specific topics such as building teams, evaluating other, managing finances, managing risk, marketing of healthcare and healthcare policy.

HAPA 553 Seminar IV, Lecture/Discussion, 1qh

This seminar is designed to examine medicine from the perspective of the humanities – specifically the disciplines of the history of medicine, medical anthropology and medical sociology. Perspectives from other disciplines such as literary criticism, film criticism, etc... may also be used.

Second Year – Summer Quarter**HAPA 630 Anatomic Pathology Clerkship I, 12 qh**

This is a ten-month practical course sequence which forms the curriculum for the second year. Students will rotate through various clinical sites and departments and perform the duties of the Pathologists' Assistant under the guidance of a preceptor. Emphasis will be placed on developing the student's skills of gross tissue description, dissection and frozen section preparation in surgical pathology. In autopsy pathology, emphasis will be placed on autopsy technique, including evisceration and block dissection.

Second Year – Fall Quarter**HAPA 631 Anatomic Pathology Clerkship II, 12 qh**

Continuation of HAPA 630.

Second Year – Winter Quarter**HAPA 632 Anatomic Pathology Clerkship III, 12 qh**

Continuation of HAPA 631.

Second Year – Spring Quarter**HAPA 633 Anatomic Pathology Clerkship IV, 12 qh**

Continuation of HAPA 632.