NEW YORK POST-GRADUATE MEDICAL SCHOOL

ANNOUNCEMENT OF COURSES 1948 - 1949

SECOND AVENUE AT 21ST STREET, NEW YORK 3, N. Y.
NEW YORK POST-GRADUATE MEDICAL SCHOOL

ANNOUNCEMENT OF COURSES 1948 - 1949

SECOND AVENUE AT 21ST STREET, NEW YORK 3, N. Y.
HOLIDAY SCHEDULE

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<tr>
<td>Labor Day</td>
<td>Monday, September 6, 1948</td>
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<tr>
<td>Columbus Day</td>
<td>Tuesday, October 12, 1948</td>
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<td>Election Day</td>
<td>Tuesday, November 2, 1948</td>
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<tr>
<td>Armistice Day</td>
<td>Thursday, November 11, 1948</td>
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<tr>
<td>Thanksgiving Day</td>
<td>Thursday, November 25, 1948</td>
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<tr>
<td>Christmas Recess</td>
<td>Wednesday, December 22, 1948 to Monday, January 3, 1949</td>
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<tr>
<td>Washington's Birthday</td>
<td>Tuesday, February 22, 1949</td>
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<tr>
<td>Good Friday</td>
<td>April 15, 1949</td>
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<tr>
<td>Memorial Day</td>
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### CALENDAR OF OPENING DATES OF COURSES

**1948-49**

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### OFFICERS OF ADMINISTRATION

ROBERT BOOGS, A.B., M.D., C.M., Acting Dean  
C. TRAVERS STEPPA, M.S., M.D., Acting Assistant to the Dean  
BETTY MIDDAN, Acting Registrar  
MARY S. NEWCOMB, Assistant Registrar  
SUZANNE BATTORPE, B.S., A.M., Acting Librarian  
CHARLES H. MEYER, B.S., Comptroller

### OFFICERS OF INSTRUCTION

E. WILLIAM ABRAMOWITZ, M.D., Clinical Professor of Dermatology and Syphilology  
IRVING ABIHAMSON, M.D., Instructor in Anesthesia (assigned to Traumatic Surgery)  
RUDOLF AEBLI, M.D., Executive Officer, Professor of Clinical Ophthalmology  
GEORGE ANIEL, M.D., Executive Officer, Professor of Clinical Orthopedic Surgery  
BENJAMIN I. ASHE, M.D., Associate Professor of Medicine  
LESLIE O. ASHTON, M.D., Associate Clinical Professor of Pediatrics  
GUSTAVE AUGFRIT, M.D., Associate Clinical Professor of Surgery  
RUDOLF L. BAER, M.D., Assistant Clinical Professor of Dermatology and Syphilology  
CAMERON V. BAILEY, M.D., C.M., Clinical Professor of Medicine  
DAVID B. BALLIN, M.D., Associate in Dermatology and Syphilology  
JOSEPH BALLINGER, M.D., Instructor in Medicine  
SAMUEL L. BERNAUB, M.D., Acting Executive Officer, Instructor in Radiology  
Z. T. BERKOWITZ, M.D., PH.D., Assistant Clinical Professor of Medicine  
HEBERT M. BERGANITI, M.D., Assistant Clinical Professor of Surgery  
BEATRICE BERGMAN, M.D., Assistant Clinical Professor of Pediatrics  
HANS H. BISSERSTEIN, M.D., Associate in Dermatology and Syphilology  
DAVID BLOOM, M.D., Associate in Dermatology and Syphilology  
GIROLAMO BONACOLTO, M.D., Associate Clinical Professor of Ophthalmology

### ALEXANDER BOROTA-BOEHM, M.D., Research Assistant in Dermatology and Syphilology  
PAUL K. BOYER, M.D., MED. SC.D., Instructor in Medicine  
HAROLD W. BROWN, M.D., Associate Clinical Professor of Ophthalmology  
MAURICE BRUGER, M.D., C.M., Associate Clinical Professor of Medicine  
J. SCOTT BUTTERWORTH, M.D., MED. SC.D., Associate in Medicine  
R. FRANKLIN CARTER, M.D., Clinical Professor of Surgery  
PHILIP S. CHAISI, M.D., Instructor in Pediatrics  
MAURICE R. CHASEV, M.D., Instructor in Medicine  
ALEXANDER J. S. CHILKO, M.D., Assistant Clinical Professor of Radiology  
ROBERT CHOBOT, M.D., Assistant Clinical Professor of Pediatrics  
HAROLD E. CLARK, M.D., Assistant Clinical Professor of Surgery  
VINCENT J. COVELLO, M.D., Instructor in Anesthesia  
JOHN DORSEY CRAIG, M.D., Assistant Clinical Professor of Pediatrics  
RAYMOND C. CREA, M.D., Associate in Otolaryngology  
JOHN D. CURRANCE, M.D., Assistant Clinical Professor of Medicine  
WALTER T. DANNREUSHER, M.D., Executive Officer, Professor of Clinical Gynecology  
LOUIS R. DAVIDSON, M.D., Associate Clinical Professor of Surgery  
JOHN STAGE DAVIS, J.R., M.D., Assistant Clinical Professor of Medicine  
EDWARD V. DENNEEN, M.D., Instructor in Surgery  
FRANCES C. DELOROAZGO, M.D., Instructor in Pediatrics  
ADOLPH G. DESANTIS, M.D., Executive Officer, Professor of Clinical Pediatrics  
SALVATORE DEPALMA, M.D., Assistant Clinical Professor of Gynecology  
DANIEL J. DOLAN, M.D., Assistant Clinical Professor of Pediatrics  
EMMETT A. DOOLEY, M.D., Associate Clinical Professor of Surgery  
ROBERT G. M. DUNOVANT, M.D., Instructor in Gynecology  
A. WILBUR DURYEE, M.D., Associate Clinical Professor of Medicine  
JUDAH EBER, M.D., MED. SC.D., Instructor in Neurology and Psychiatry  
JOSEPH Eidelberg, M.D., Associate Clinical Professor of Medicine  
RICHARD EMMETT, M.D., Instructor in Dermatology and Syphilology  
ISRAEL G. EVERTS, M.D., Associate in Medicine  
MAXWELL J. FEIN, M.D., Associate Clinical Professor of Pathology  
CHARLES O. FLEETZ, M.D., Instructor in Neurology and Psychiatry  
DAVID J. FLICKER, M.D., Assistant Clinical Professor of Neurology and Psychiatry
NEW YORK POST-GRADUATE MEDICAL SCHOOL

General Information

The New York Post-Graduate Medical School offers courses in several branches of medicine to physicians, and graduates of foreign medical schools. Veterans of the armed forces of the United States and its allies are given preference in limited classes.

The following types of courses are available:

A. Part-time postgraduate courses.
B. Full-time postgraduate courses.
C. Courses in the basic medical sciences.
D. Course of training for specialization in Dermatology and Syphilology (see page 41).

Many of the courses in the A and B groups are designed for the advanced training of the specialist. They are not designed to train a physician to become a specialist. The program of study for physicians in this category is necessarily flexible. While some of the courses have specific dates and fees, others may be taken in part or in whole, and at times may be arranged to suit the convenience of both instructors and students, with the fee determined by the length of the course. Those courses restricted to specialists are so indicated.

Other full-time and part-time courses in these two groups are offered to help the physician to keep abreast of current procedures in the diagnosis and treatment of disease. The full-time courses are designed mainly for out-of-town physicians. Many of the part-time courses are especially planned to enable physicians in Greater New York to study special subjects without giving up their practice. All of the courses have been made as practical as possible.

Postgraduate courses are available in Anatomy and Pathology. A student may arrange to take one or more of these subjects concurrently and may spend variable periods of time ranging from 8 weeks on a part-or full-time basis to 16 weeks part-time.

REQUIREMENTS FOR ADMISSION: Minimum requirements for admission to the courses described in this Announcement are:

1. Graduation from a medical college approved by the Council on Medical Education of the American Medical Association.
2. Completion of an internship of at least one year (or nine months of the accelerated wartime schedule) in a hospital approved by the Council on Medical Education of the American Medical Association or the New York Post-Graduate Medical School.
3. License to practice medicine.
Application for admission should be made as far in advance as possible, since most of the courses have a limited enrollment. Applications and inquiries concerning admission should be addressed to the Office of the Dean, New York Post-Graduate Medical School, 303 East 20th Street, New York 3, N. Y.

Enrollment in courses limited to specialists is restricted to those physicians who have adequate preliminary training and experience in the field of specialization.

TUITION FEES: Tuition fees are listed with the description of each course. All fees are payable on or before the opening date of the course. Checks should be made payable to New York Post-Graduate Medical School.

A deposit will usually be required in advance of the opening date of the course, to make a definite reservation in the class. This deposit will not be returned in case the applicant fails to attend; however, he may attend a later course, and the original deposit will be credited. No refund will be made to a student who fails to complete the course in which he has enrolled, but he may complete the course at a later date.

Discharged medical officers of the U. S. Army and Navy who plan to have their tuition fees paid by the Veterans Administration must apply in advance to the Veterans Administration for a Certificate of Eligibility and Entitlement under the "G. I. Bill of Rights." If this Certificate is submitted to the School at the time of enrollment, no tuition fee will be charged to the veteran. Otherwise he will be expected to pay his fee, subject to refund by the School when the Certificate is presented.

The New York Post-Graduate Medical School reserves the right to alter the schedule of fees without notice.

BOOKS AND SUPPLIES: In some of the courses, certain books and supplies are required; in others, they are merely recommended. However, only books and supplies required by the department head and approved by the School are paid for by the Veterans Administration.

SCHOLARSHIPS: The School has a scholarship fund from which grants are made, upon special application, to defray part of the tuition fees of physicians in practice in the United States who would otherwise be unable to meet the expense of postgraduate study. According to the wish of the donor of this fund, special consideration is given to applications from physicians practicing in Allegheny County, Pennsylvania.

HISTORY AND FACILITIES: The New York Post-Graduate Medical School and Hospital was incorporated in 1882, and chartered by the State in 1886 as "a school for the further instruction of persons already possessing the degree of doctor in medicine, and a hospital for the treatment of diseased and injured persons." The institution moved in 1894 to the present location on the corner of Second Avenue and Twenty-first Street. The hospital now has 906 beds on all services, and 9,166 patients were admitted in 1947. The Out-patient Department to which 226,310 patients' visits were made in 1947, provides a wealth of clinical material for study. The work of the clinical and research laboratories is closely related to the teaching program.

In 1907 the Reconstructive Hospital, at 100th Street and Central Park West, became a unit of the Post-Graduate. This unit now is an integral part of the Post-Graduate Hospital.

In 1931, the New York Post-Graduate Medical School became, by formal agreement, a teaching unit of Columbia University. This agreement was terminated by mutual consent of the two institutions on May 1, 1947.

The administration of the Stuyvesant Square Hospital was assumed by the Post-Graduate in 1934. The buildings on Second Avenue between Nineteenth and Twentieth Streets are operated as the New York Skin and Cancer Unit of the Post-Graduate. The combined skin clinics have approximately 120,000 out-patient visits per annum, with about 10,000 additional visits to the tumor clinic.

On March 14, 1948, a memorandum of intention was signed whereby the New York Post-Graduate Medical School and Hospital will shortly become an integral part of the New York University-Bellevue Medical Center. To facilitate the program in postgraduate medical education, there will be established within the structure of the Medical Center a postgraduate medical school which will assure the continuation of the purposes and programs of the present New York Post-Graduate Medical School.

A medical library of more than 18,000 volumes is maintained by the New York Post-Graduate Medical School for the use of student physicians and teaching staff. The leading medical journals of this country and many foreign journals are provided, as well as text and reference books.

There were 1,006 physicians enrolled in the School during the academic year 1947-48, who came from 43 states, the District of Columbia, the territory of the United States, and from 25 foreign countries.

The School also issues a separate announcement of courses in the Department of Dermatology and Syphilology (the only department offering a long course of training for specialization) which includes short courses for the specialist in dermatology.

The above mentioned announcement and detailed programs of any of the full-time courses will be sent upon request.
COURSES OF INSTRUCTION

A. PART-TIME COURSES

In referring to a course, give its number, e.g. A-110 Clinical Bacteriology and Serology, and name of instructor.

BACTERIOLOGY

A-110. CLINICAL BACTERIOLOGY AND SEROLOGY

A part-time course of one month's duration, Mondays through Saturdays, 9 a.m. to 12 m. February 1 through 28, 1949. It consists of lectures, demonstrations and exercises in laboratory procedures as aids in the diagnosis, treatment, and prevention of infectious diseases. Minimum class 5; maximum 6. Tuition $100.00.

GYNECOLOGY

A-201. GYNECOLOGY, DIAGNOSIS AND OFFICE TREATMENT

A part-time course of 10 sessions, Mondays, Wednesdays and Fridays from 10.00 a.m. to 12.00 m., November 29 through December 29, 1948. Given under the direction of Dr. Matthew DiGiorgi. Minimum class 2; maximum 6. Tuition $50.00.

A-202. GYNECOLOGY, DIAGNOSIS AND OFFICE TREATMENT

A part-time course of 10 sessions, Tuesdays, Thursdays and Saturdays from 10.00 a.m. to 12.00 m., November 30 through December 21, 1948. Given under the direction of Dr. R. G. M. Dunovant. Minimum class 2; maximum 6. Tuition $50.00.

A-203. GYNECOLOGY, DIAGNOSIS AND OFFICE TREATMENT

A part-time course of 15 sessions, Mondays, Wednesdays and Fridays from 2.00 p.m. to 4.00 p.m., September 27 through October 29, 1948. Given under the direction of Dr. Mortimer N. Hyams. Minimum class 4; maximum 6. Tuition $75.00.

This course will be repeated November 8 through December 10, 1948; January 3 through February 1, 1949; February 14 through March 28, 1949; April 4 through May 9, 1949 and May 16 through June 20, 1949.

This class is invited to attend Dr. Mackenzie's lecture on vaginal smears on Tuesdays from 12.00 m. to 1.00 p.m.

Given under the direction of Dr. Theodore Neustaedter. Maximum class 4. Tuition $150.00.

This course will be repeated January 4 through February 26, 1949; March 8 through April 30, 1949 and May 3 through June 25, 1949.

A-211. CYSTOSCOPY AND ENDOSCOPY

A part-time course of 5 weeks' duration, Mondays, Wednesdays and Fridays from 10.00 a.m. to 12.00 m., September 27 through October 29, 1948.

This course is mainly practical and includes the following subjects: review of anatomy of the urinary tract, technique of cystoscopy and endoscopy, use of water dilatation cystoscope, examination of bladder for various pathological conditions, ureteral catheterization and passage of bougie, irrigation of renal pelvis, pyelography and intravenous urography, examination and treatment of urethra with both air and water dilatation, fulguration of bladder growths, and indigocarmine and phenolsulphonphthalein tests.

Given under the direction of Dr. Samuel Schmerzheimer. Minimum class 2; maximum 6. Tuition $100.00.

This course will be repeated November 8 through December 10, 1948; January 3 through February 1, 1949; February 14 through March 28, 1949; April 4 through May 9, 1949 and May 16 through June 20, 1949.

A-222. CYSTOSCOPY AND ENDOCRINOLOGY

A part-time course of 8 weeks' duration, Tuesdays, Thursdays and Saturdays, 10.00 a.m. to 12.00 m., October 5 through November 27, 1948. This course consists of the relation of the endocrine glands and their hormones to physical development, menstrual disturbances, sterility, and menopausal disturbances; the clinical application of organotherapy. An adequate knowledge of biological chemistry, histopathology, and the physiology of the female pelvic organs is required for admission to this course, because laboratory procedures are correlated with the daily clinical work. Applicants will be admitted only after an interview with the instructor in charge. This class is invited to attend Dr. Mackenzie's lecture on vaginal smears on Tuesdays from 12.00 m. to 1.00 p.m.

Given under the direction of Dr. Theodore Neustaedter. Maximum class 4. Tuition $150.00.

This course will be repeated January 4 through February 26, 1949; March 8 through April 30, 1949 and May 3 through June 25, 1949.

A-223. VAGINAL CYTOLOGY (FOR SPECIALISTS)

A part-time course of 8 weeks' duration, Tuesdays, 12.00 m. to 1.00 p.m., and Thursdays, 9.00 a.m. to 12.00 m., October 5 through November 26, 1948. It consists of lectures and laboratory periods dealing with the technique of taking, preparing and examining vaginal smears. Subjects of study include the normal vaginal cells, changes observed during the menstrual cycle, the amenorrhea, pregnancy, the menopause and other pathological conditions, as well as the diagnosis of malignancy of the genital tract.
MEDICINE

A-301. ARTHRITIS AND ALLIED RHEUMATIC DISORDERS
A part-time course of 7 sessions (Tuesdays), 9:00 a.m. to 12:00 m., January 4 through February 25, 1949, consisting of a systematic survey of arthritis and rheumatic diseases. Special attention is given to current diagnostic procedures and advances in therapy.
Given under the direction of Dr. Edward F. Hartung. Minimum class 3. Tuition $45.00.

A-302. ALLERGY
A part-time course of 8 sessions (Fridays), from 2:00 p.m. to 3:30 p.m., January 7 through February 25, 1949. It consists of a discussion of the fundamentals of allergy together with a description of the diagnosis and treatment of its various clinical forms, combined with the demonstration of cases.
Given under the direction of Dr. W. C. Spain. Minimum class 5. Tuition $45.00.

A-303. CARDIOLOGY
A part-time course of 8 sessions (Mondays), from 2:00 p.m. to 5:00 p.m., January 3 through February 21, 1949. Patients with heart disease of differing etiology and various manifestations are demonstrated from the out-patient department and from the wards. The essential features of, and interpretations obtainable from specialized diagnostic equipment, such as electrocardiograph, electrostethograph, fluoroscope, roentgenogram, and that used for respiratory measurements, are demonstrated.
Given under the direction of Dr. Charles A. Poindexter. Minimum class 5; maximum 40. Tuition $45.00.

A-304. NORMAL AND PATHOLOGICAL PHYSIOLOGY: FUNCTIONAL AND CHEMICAL ASPECTS
A part-time course of 8 sessions (Wednesdays), from 9:00 a.m. to 11:00 a.m., January 5 through February 23, 1949. This is a lecture course presenting a rapid review of the normal and pathological physiology of those systems of particular importance in internal medicine. The clinical value, indications and interpretations of functional and chemical tests designed to reveal disturbed physiology are discussed. The course does not include actual demonstrations of chemical technique, but the importance of laboratory data in diagnosis is stressed.
Given under the direction of Dr. Maurice Bruger. Minimum class 5; maximum 50. Tuition $30.00.
A-306. CLINICAL HEMATOLOGY
A part-time course of 8 sessions (Wednesdays), from 2:00 p.m. to 4:00 p.m., January 5 through February 23, 1949. This course consists of a discussion of the techniques used in hematology with the interpretation of hematological laboratory data. The pathogenesis, symptomatology, and treatment of the anemias, polycythemia, disorders of the white cells, and the hemorrhagic diatheses are reviewed, including the use of folic acid, thymine, beta-chloroethylamines, and radioactive phosphorus. The use of blood and blood substitutes and the clinical importance of the Rh factor are presented. Given under the direction of Dr. George L. Kauer. Minimum class 5. Tuition $30.00.

A-307. PROBLEMS IN DIAGNOSIS
A part-time course of 8 sessions (Mondays), from 9:00 a.m. to 12:00 m., January 3 through February 21, 1949, consisting of case teaching with special emphasis on ailments seen in office and hospital practice. The important points in the history, the interpretation of physical findings, X-ray, and laboratory analyses are all included in the discussion of differential diagnosis. Given under the direction of Dr. Matthew Shapiro. Minimum class 5; maximum 20. Tuition $45.00.

A-308. ACUTE AND CHRONIC DISEASES OF THE CHEST
A part-time course of 8 sessions (Thursdays), from 9:00 a.m. to 12:00 m., January 6 through February 24, 1949, consisting of diagnosis and treatment, practical discussion and demonstration of acute and chronic pulmonary diseases, correlation of X-ray findings with clinical studies, and fluoroscopy. Given under the direction of Drs. David-Ulmar and Israel G. Epstein. Minimum class 5; maximum 20. Tuition $45.00.

A-309. ENDOCRINOLOGY
A part-time course of 8 sessions (Fridays), from 9:00 a.m. to 12:00 m., January 7 through February 25, 1949. A discussion of the interrelationship of the endocrine glands. Etiology, diagnosis, medical and surgical management of disturbances of the pancreas, thyroid, gonad, parathyroid, and pituitary glands. Given under the direction of Dr. Walter G. Lough. Minimum class 5. Tuition $45.00.

A-310. DISEASES OF THE LIVER AND BILIARY TRACT
A part-time course of 8 sessions (Wednesdays), from 11:00 a.m. to 1:00 p.m., January 5 through February 23, 1949, consisting of recent advances in the diagnosis and treatment of diseases of the liver and biliary tract; technique and interpretation of biliary drainage; pancreatic function tests; liver function tests; surgical indications. Given under the direction of Dr. J. Russell Twiss. Minimum class 5. Tuition $30.00.

A-311. GASTROENTEROLOGY
A part-time course of 8 sessions (Wednesdays), from 2:00 p.m. to 5:00 p.m., January 5 through February 23, 1949. This course consists of diagnosis and treatment of diseases of the esophagus, stomach and intestines, with particular attention to peptic ulcer and ulcerative colitis; sigmoidoscopic examinations and demonstrations; correlation of X-ray findings with clinical studies. Given under the direction of Dr. Clarence C. Fuller. Minimum class 5. Tuition $45.00.

A-312. NEPHRITIS AND HYPERTENSION
A part-time course of 8 sessions (Thursdays), from 2:00 p.m. to 5:00 p.m., January 6 through February 24, 1949. This course is a comprehensive and concise review of modern concepts of the pathology, clinical features and treatment of hypertensive vascular disease and the nephritides. Emphasis is placed upon correlation between pathological physiology and biochemical alterations and the practical clinical management of these conditions. Given under the direction of Dr. S. Edward King. Minimum class 5. Tuition $30.00.

A-313. PSYCHOLOGICAL ASPECTS OF INTERNAL MEDICINE
A part-time course of 8 sessions (Fridays), from 3:30 p.m. to 5:00 p.m., January 7 through February 25, 1949. The course consists of a survey of the so-called psychosomatic problem, beginning with an outline of fundamental principles, followed by a summary of experimental work in this field. Discussion of the physical and the psychological aspects of the “functional neuroses” including diagnosis and treatment; description of the methodology of the various schools of psychotherapy and their application to this group of diseases. Given under the direction of Dr. Mack Lipkin. Minimum class 5. Tuition $25.00.

A-315. PERIPHERAL VASCULAR DISEASES
A part-time course of 7 sessions (Tuesdays), from 2:00 p.m. to 4:00 p.m., January 4 through February 15, 1949. This course consists of the use and interpretation of methods of diagnosis and treatment of diseases of the vascular system, including thromboangiitis obliterans, Raynaud’s disease, and arteriosclerosis.
Given under the direction of Dr. A. Wilbur Duryee. Minimum class 5; maximum 30. Tuition $30.00.

OPHTHALMOLOGY

A-1417. OPHTHALMIC NEUROLOGY (FOR SPECIALISTS)
A part-time course of 5 days' duration from 2:00 p.m. to 5:00 p.m., November 1 through 5, 1948. This course consists of a detailed study with lectures, charts and models of the anatomy and physiology of the neural structure in ophthalmology including the vestibular system, the posterior longitudinal fasciculus, as well as the cross sections of the brain stem which are involved in the various neuro-ophthalmologic syndromes. Consideration of neurological syndromes with ophthalmic signs showing lesions of the spinal cord, brain stem and midbrain. Discussion of personality disorders associated with diseases of the eye, with case histories.

Given under the direction of Dr. Max Helfand. Minimum class 8; maximum 25. Tuition 50.00.

This course will be repeated February 28 through March 4, 1949.

A-1421. DIFFERENTIAL DIAGNOSIS WITH THE SLIT LAMP (FOR SPECIALISTS)
A part-time course, from 9:00 a.m. to 1:00 p.m., November 1 through 5, 1948, consisting of differential diagnosis of diseases of the anterior segment of the eyeball and of the different media of the eye.

The course includes a thorough demonstration of the principles of illumination by means of the slit lamp. The most important elementary lesions of the conjunctiva, cornea, iris, lens and vitreous are analyzed and illustrated by means of slides and presentation of cases. The differential diagnosis of pathological lesions of these structures is stressed so that proper classification can be made of the diseases of the anterior segment of the eyeball.

Given under the direction of Dr. Girolamo Bonaccolto. Minimum class 4; maximum 12. Tuition $75.00.

This course will be repeated February 28 through March 4, 1949.

ORTHOPEDICS

A-522. FUNCTIONAL ANATOMY IN RELATION TO ORTHOPEDICS
A part-time course of 2 weeks' duration, Mondays through Fridays, 2:00 p.m. to 5:00 p.m., September 13 through 24, 1948. This course consists of dissections of the upper and lower extremities and the spine, as well as discussion of related lesions illustrated by lantern slides. It is in no sense an operative course, but is a detailed study of functional anatomy.

Given under the direction of Dr. H. Leslie Wenger. Minimum class 6; maximum 15. Tuition $75.00.

This course will be repeated January 17 through 28, 1949.

OTOLARYNGOLOGY

A-600. DIAGNOSTIC PROCEDURES IN OTOLARYNGOLOGY
Section A—A part-time course of 12 sessions, Mondays, Wednesdays, and Fridays from 2:00 p.m. to 4:00 p.m., October through May.
Section B—A part-time course of 12 sessions, Tuesdays and Thursdays, from 2:00 p.m. to 4:00 p.m., October through May.
Section C—A part-time course of 12 sessions, Mondays, Wednesdays, and Fridays from 10:00 a.m. to 12:00 m., October through May.

Physicians may enter the class whenever there is a vacancy, and take the course in one or more sections. This is essentially a clinical course, dealing chiefly with methods of diagnosis and the recognition of the commoner otolaryngological diseases, supplemented by short lectures on instrumentation, physiology and elementary anatomy. Physicians attending the course should bring their own examining instruments. Maximum class, 6 in each section. Tuition $40.00 each section.

PATHOLOGY

See Course No. C-124 GYNECOLOGICAL PATHOLOGY, described on page 40, and Course No. C-155 SURGICAL PATHOLOGY, also described on page 40.

B. FULL-TIME COURSES

In referring to a course, give its number, e.g. B-1210 Seminar in Dermatological Histopathology (for Specialists) and name of instructor.

DERMATOLOGY AND SYPHILOLOGY

B-1210. SEMINAR IN DERMATOLOGICAL HISTOPATHOLOGY (FOR SPECIALISTS)
A full-time course of five days' duration, from May 9 through 13, 1949, consisting of a series of lectures, illustrated by selected microscopic slides, reviewing normal histology of the skin and the essential histopathology of most of the diseases of the skin. The lectures are supplemented by study at the microscope and by discussion.
Given under the direction of Drs. Max Jessner and Charles F. Sims. Minimum class 8; maximum 20. Tuition $75.00.

B-1219. SEMINAR IN PRACTICAL DERMATOLOGY AND SYphilology

A full-time course of 5 days' duration from September 13 through 17, 1948, consisting of illustrated lectures and clinical demonstrations. Lecture subjects include the following: allergy and mycology in relation to skin diseases; physical therapy in dermatology (exclusive of X rays and radium); industrial skin diseases; eczema group of skin diseases; acne vulgaris; psoriasis and lichen planus; keloids, warts and birthmarks; the erythema group of skin diseases; the pyoderma; the abcesses; drug eruptions; precancerous dermatoses; cutaneous malignancies; syphilis-diagnosis and differential diagnosis; treatment and symptomatology of primary, secondary and tertiary syphilis; congenital syphilis; and serological diagnosis of syphilis.

Given under the direction of Dr. Marion B. Sulzberger. Minimum class 8; maximum 20. Tuition $55.00.

B-1230. SYMPOSIUM ON DERMATOLOGY AND SYphilology (FOR SPECIALISTS)

A full-time course of 5 days' duration from May 23 through 27, 1949. This course consists of a survey and evaluation of recent advances in dermatology and syphilology, including such subjects as ultraviolet radiation, the new drugs, drug eruptions, new methods of treatment of common skin diseases, new causes for industrial dermatoses; the present conception of eczema, of dangerous nevi, of the diagnosis and management of syphilis, of the lymphoblastomas; and the psychosomatic aspect of dermatology. A presentation of the results of recent research, especially in allergy, in the physics of physical therapy, in cutaneous malignancy, and in biochemistry. A series of illustrated lectures on rare conditions. Demonstrations of patients and of new techniques and methods.

Given under the direction of Dr. Marion B. Sulzberger. Minimum class 8; maximum 20. Tuition $100.00.

B-1232. DERMATOLOGY AND SYphilology FOR PEDIATRICIANS (FOR SPECIALISTS)

A full-time course of 5 days' duration from September 27 through October 1, 1948. It consists of clinic sessions held from 11-12 a.m. and 2-3 p.m., at which infants, children and young adolescents with a variety of skin diseases are demonstrated, with discussion of etiology, diagnosis, and treatment. Lectures from 9:10 a.m., 11 a.m.-12 m. and 3:5 p.m.

Given under the direction of Dr. Marion B. Sulzberger. Minimum class 8; maximum 20. Tuition $75.00.

GYNECOLOGY

B-300. SEMINAR IN GYNECOLOGY

A full-time course of 2 months' duration from October 4 through November 27, 1948. Clinical lectures (illustrated with lantern slides, anatomical specimens, and moving pictures), operative and non-operative clinics, and ward rounds provide systematic instruction in gynecological pathology, diagnosis and office treatment, cystoscopy and endoscopy, vaginal and endometrial cytology, and gynecological endocrinology.

Given under the direction of Dr. Walter T. Dannreuther. Minimum class 8; maximum 6. Tuition $300.00.

This course will be repeated January 3 through February 26, 1949, March 7 through April 30, 1949 and May 2 through June 25, 1949.

MEDICINE

B-300. SEMINAR IN INTERNAL MEDICINE

A full-time 8 weeks' course from January 3 through February 25, 1949, consisting of a survey of the field of internal medicine by means of lectures and case demonstrations in the various medical specialties. The program is composed of all the part-time courses listed on pages 21, 22 and 23 and also includes a weekly staff conference.

Given under the direction of Dr. Walter G. Lough. Minimum class 5; maximum 20. Tuition $300.00.

B-330. ARTHRITIS AND ALLIED RHEUMATIC DISORDERS

A full-time course of 5 days' duration from October 25 through 29, 1948, consisting of a systematic survey of arthritis and rheumatic diseases including classification, differential diagnosis, pathology, bacteriology, and treatment of rheumatoid and gonorrheal arthritis, osteoarthritis, gout, fibrositis, acute rheumatic fever, and related conditions. Emphasis is placed on specific therapy when known, constitutional therapy, physical therapy, corrective exercises, the prevention and treat-
ment of deformities, and the use of local and regional analgesia. Special attention is given to recent advances in diagnosis and treatment.

Given under the direction of Dr. Edward F. Hartung. Minimum class 5. Tuition $55.00.

This course will be repeated March 7 through 11, 1949.

B-331. ALLERGY

A full-time course of 3 weeks' duration from November 4 through 24, 1948, consisting of morning sessions devoted to laboratory instruction in the preparation and standardization of protein extracts, while afternoon sessions in the large out-patient clinic deal with the diagnosis and treatment of asthma, hay fever, and other allergic diseases, the technique of skin tests and hyposensitization, and the role of focal infections in allergy.

Given under the direction of Dr. W. C. Spain. Minimum class 6; maximum 12. Tuition $200.00.

This course will be repeated March 7 through 25, 1949.

B-333. ACUTE AND CHRONIC PULMONARY DISEASES

A full-time course of 5 days' duration from May 2 through 6, 1949, consisting of diagnosis and treatment; practical discussion and demonstration of acute and chronic pulmonary diseases; correlation of X-ray findings with clinical studies; fluoroscopy. Lectures and bedside teaching.

Given under the direction of Drs. David Ulmar and Israel G. Epstein. Maximum class 15. Tuition $55.00.

This course will be repeated March 14 through 18, 1949.

B-337. DIABETES MELLITUS, NEPHRITIS AND HYPERTENSION

A full-time course of 5 days' duration from December 13 through 17, 1948, consisting of the practical application of present knowledge concerning diabetes mellitus, hypertension and nephritis. The value and interpretation of laboratory data are discussed. Symptomatology, diagnosis and treatment are stressed throughout the course.

Given under the direction of Drs. Benjamin J. Ashe and S. Edward King. Minimum class 5. Tuition $55.00.

This course will be repeated March 14 through 18, 1949.

B-339. CARDIOLOGY

A full-time course of 5 days' duration from November 8 through 12, 1948. This course is designed to cover the field of clinical cardiology. Emphasis is placed on the auscultatory findings in cases of heart disease, and current methods of diagnosis and therapy are stressed. (See also Course No. 349, on page 30).

Given under the direction of Dr. Charles A. Poindexter. Minimum class 5; maximum 40. Tuition $55.00.

B-340. PERIPHERAL VASCULAR DISEASES

A full-time course of 5 days' duration from October 18 through 22, 1948 consisting of differential diagnosis; the use and interpretation of diagnostic methods including the oscillometer, nerve blocks, hot-water immersion tests and surface temperature studies, arteriography; the medical and surgical treatment of diseases of the peripheral vascular system including thromboangiitis obliterans, Raynaud's disease, scleroderma, and arteriosclerotic venous and lymphatic pathology; surgical aspects of vascular diseases; and demonstration of apparatus. Case studies are stressed throughout the course.

Given under the direction of Dr. A. Wilbur Durwee. Minimum class 5; maximum 30. Tuition $55.00.

This course will be repeated March 21 through 25, 1949.

B-341. SYMPOSIUM ON INTERNAL MEDICINE

A full-time course of 10 days' duration from June 13 through 24, 1949. Registrations will be accepted for the entire 10 days or for either the first or second 5-day session.

This course offers the internist and general practitioner a concise review of present-day therapy in the field of internal medicine. Indications and contra-indications in the use of the newer drugs are discussed. Presentations include the following topics: cardiovascular disease, antibiotics, hematology, arthritis, hypertension, nutrition, diabetes, renal disease, gastroenterology, and endocrinology. Lectures are given in intravenous procaine therapy, intravenous histamine and nicotinic acid in multiple sclerosis, the present status of radioactive isotopes in the treatment of malignant disease, fluid balance in health and disease, and the newer anti-histamine drugs in allergic diseases.

Given under the direction of Dr. Walter G. Lough. Minimum class 10. Tuition for 5 days $55.00; 10 days $100.00.

B-342. NORMAL AND PATHOLOGICAL PHYSIOLOGY: FUNCTIONAL AND CHEMICAL ASPECTS

A full-time course of 10 days' duration from October 4 through 15, 1948. This is a lecture course presented as a review of normal and pathological physiology of those systems of particular importance in internal medicine. Discussions include fat, protein and carbohydrate metabolism, respiratory physiology, hemopoietic system, the vitamins, bile physiology, the functional testing of the stomach, pancreas and liver, the endocrine glands, phosphatase metabolism, cerebrospinal fluid chemistry, mineral metabolism, cardiac physiology, blood volume, water balance, and acid-base metabolism. The clinical value, indications and interpretation of functional and chemical tests designed to reveal disturbed physiology are discussed. This course does not include actual
demonstrations of chemical technique, but the importance of laboratory data in diagnosis is stressed.

Given under the direction of Dr. Maurice Bruger. Minimum class 10. Tuition $100.00.

This course will be repeated March 28 through April 8, 1949.

B-343. GASTROENTEROLOGY
A full-time course of 10 days' duration from November 9 through December 10, 1948, consisting of diseases of the esophagus, stomach, intestines and rectum studied with special reference to diagnosis and treatment. Consideration is given also to disorders of the glands associated with the alimentary canal (liver and biliary tract and pancreas). The importance of X-ray findings and of chemical and bacteriological studies in diagnosis is indicated. Gastroscopy, sigmoidoscopy, and duodenal drainage are demonstrated and their significance discussed. In addition, the newer methods of treatment are presented with special reference to pathological physiology of the gastrointestinal tract.

Given under the direction of Dr. Clarence C. Fuller. Minimum class 10; maximum 40. Tuition $100.00.

This course will be repeated May 28 through June 9, 1949.

B-345. ELECTROCARDIOGRAPHY
A full-time course of 5 days' duration from November 15 through 19, 1948. This course is designed for the general practitioner who is primarily interested in cardiology. Particular attention is given to the fundamentals of electrocardiography as well as a review of electrocardiographic findings in the various forms of heart disease.

Given under the direction of Dr. Charles A. Poindexter. Minimum class 10. Tuition $55.00.

This course will be repeated February 28 through March 4, 1949.

B-349. CARDIOLOGY
A full-time course of 4 weeks' duration from May 3 through 27, 1949. This is a comprehensive course, summarizing basic knowledge and recent advances in the field of cardiology, including electrocardiography, fluoroscopy and functional testing. A review of all the common cardiac diseases, as well as many of the less frequent diseases of the cardiovascular system, with case presentations and time allotted for clinical observation. A summary of the present concepts of therapy in the various types of cardiac lesion, including the complications usually arising in acute and chronic cardiovascular diseases. (See also Course No. 339 on page 28).

Given under the direction of Dr. Charles A. Poindexter. Maximum class 40. Tuition $175.00.

NEUROLOGY AND PSYCHIATRY

B-715. NEUROLOGICAL AND PSYCHIATRIC DIAGNOSIS AND TREATMENT IN GENERAL PRACTICE
A full-time course of 2 weeks' duration from December 6 through 18, 1948. This is an intensive course in clinical neurology and psychopathology in which acute and chronic diseases of the central and peripheral nervous systems in adult patients are studied at the bedside and in the clinic. Emphasis is on diagnosis (including electroencephalographic studies) and on such phases of therapy as can be carried out in general practice. Cases of neurological disorders and borderline psychoneurotic and mental illnesses as well as psychosomatic problems are demonstrated in the mental hygiene clinic at the Post-Graduate Hospital.

Minimum class 6; maximum 10. Tuition $100.00.

This course will be repeated May 9 through 21, 1949.

B-720. NEUROLOGY AND PSYCHIATRY FOR PEDIATRICIANS (FOR SPECIALISTS)
A full-time course of 2 weeks' duration from October 11 through 23, 1948. This course offers to pediatricians an intensive study of nervous and mental diseases in infants and children. Subjects included are the diagnosis and analysis of mental ability, the examination of development in relation to neurology and psychiatry, and the etiology, symptomatology and therapy of common behavior problems. Neuroses, prepsychotic and psychotic states are discussed as well as the organic diseases, brain tumors, epilepsy, neuropsychic and ophthalmic neurology, and neurological aspects of birth injuries. Emphasis throughout the course is upon diagnostic problems encountered in pediatric practice. Patients are demonstrated in the clinics at the Post-Graduate Hospital.

Minimum class 5; maximum 12. Tuition $100.00.

This course will be repeated March 28 through April 9, 1949.

OPHTHALMOLOGY

B-1413. MOTOR ANOMALIES OF THE EYE (Part I) (FOR SPECIALISTS)
A full-time course of 6 days' duration from October 18 through 23, 1948. The course is made as practical as possible and the relation of the muscle balance to refraction always considered in the prescribing of glasses. Anatomy of the ocular muscles, nerve supply, action of individual muscles, anomalies of associated movements, anomalies of convergence, of divergence and of sursumvergence. Case demonstrations follow the lectures.
Given under the direction of Dr. Harold W. Brown. Minimum class 10; maximum 25. Tuition $100.00.
This course will be repeated March 7 through 12, 1949.

B-1414. MOTOR ANOMALIES OF THE EYE (Part II) (FOR SPECIALISTS)
A full-time course of 5 days' duration from October 25 through 29, 1948. This is a continuation of Course No. 1413, with drills in making tests and examination of patients for diagnosis. The question of treatment, both operative and non-operative, and the use and limitations of each are considered. Open only to those who have taken Course No. 1413.
Given under the direction of Dr. Harold W. Brown. Minimum class 8; maximum 24. Tuition 75.00.
This course will be repeated March 14 through 18, 1949.

B-1419. SURGERY OF THE EYE (FOR SPECIALISTS)
A full-time course of 6 days' duration from November 8 through 13, 1948, consisting of lectures on cataract surgery, ocular muscle surgery, ptosis surgery, surgical treatment of retinal detachment, corneal transplantation, and plastic surgery of the eye. Practical work on technique of eye operations on the cadaver. Operative clinics at the Post-Graduate Hospital, Lenox Hill Hospital and Bellevue Hospital. A lecture on eye injuries followed by case demonstrations at the U. S. Marine Hospital on Staten Island.
Given under the direction of Dr. Rudolf Aebli. Minimum class 6; maximum 11. Tuition $100.00.
This course will be repeated March 21 through 26, 1949.

ORTHOPEDIC SURGERY
B-500. SEMINAR IN ORTHOPEDIC SURGERY (FOR SPECIALISTS)
A full-time course of 10 days' duration from January 3 through 14, 1949. This is an intensive review of orthopedic conditions from the surgeon's viewpoint. Pre-operative, operative, and post-operative clinics; surgical anatomy; bone, joint and tendon surgery; non-union, mal-union; radiology; physiotherapy; prevention of deformities; pathology; laboratory aids to diagnosis; biochemical aspects of bone metabolism and of wound healing; pediatric care in orthopedics; plaster technique and braces. The conditions which are stressed include scoliosis, poliomyelitis, osteomyelitis, bone tumors, congenital deformities, Pott's disease, arthritis and foot conditions.
Given under the direction of Dr. George Anapol. Minimum class 6; maximum 20. Tuition $125.00.

B-520. ORTHOPEDICS IN GENERAL PRACTICE
A full-time course of 6 days' duration from November 29 through December 4, 1948. This is an intensive course, including the following subjects: congenital deformities, weak and flattening feet, anterior tarsalalgia, knock knees, bow legs, scoliosis, bone tuberculosis, bone and joint lues, poliomyelitis, osteo-arthritis, backache, mal-united and un-united fractures, laboratory aids to diagnosis, and biochemical aspects of bone metabolism and of wound healing. The use of the X ray in orthopedic diagnosis is discussed. Clinics are held with illustrative cases.
Given under the direction of Dr. George Anapol. Minimum class 6; maximum 20. Tuition $75.00.
This course will be repeated May 16 through 21, 1949.

OTOLARYNGOLOGY
B-620. SYMPOSIUM ON OTOLARYNGOLOGY (FOR SPECIALISTS)
A full-time course of 2 weeks' duration from December 6 through 18, 1948. This course is designed for the otolaryngologist who wishes to be brought up to date in his specialty.
One half of the time is given to the demonstration of regional anatomy on the cadaver, and the demonstration and performance of operations on the ear, sinuses and larynx. The balance of the course is devoted to didactic and clinical lectures and demonstrations on the more important phases of otolaryngology. Members of the staff in surgery, neurosurgery, ophthalmology, allergy, pediatrics, radiology, and dermatology contribute in discussions of those aspects of their respective specialties that are of importance to the otolaryngologist in diagnosis and treatment.
Minimum class 8; maximum 10. Tuition $150.00.
This course will be repeated April 25 through May 7, 1949.

PEDIATRICS
B-410. CLINICAL PEDIATRICS
A full-time course of 4 weeks' duration from October 11 through November 6, 1948. This is a review of clinical pediatrics including ward rounds, clinical conferences and case demonstrations in special clinics dealing with cardiology, allergy, endocrinology, chest diseases, and speech defects. Clinical lectures on neurological, orthopedic, urological, surgical, and otolaryngological conditions are given by specialists in these fields. Recent developments, such as electroencephalography, chemotherapy, and Rh factors, are discussed. The practical application of these developments is stressed from the viewpoint of the general practitioner as well as the pediatrician.
methods of handling these conditions.

The course also consists of case presentations illustrating the various forms of allergy in children and diagnosis and treatment of these conditions is presented in detail.

Given under the direction of Dr. Adolph G. DeSanctis. Maximum class 16. Tuition $150.00.

This course will be repeated January 3 through 29, 1949, March 7 through April 2, 1949 and May 2 through 28, 1949.

B-415. PRACTICAL CLINICAL PEDIATRICS

A full-time course of 4 weeks' duration from November 8 through December 4, 1948. This course is open only to those who have enrolled also for Course No. 410-Clinical Pediatrics. The student takes part in the daily activities on the babies' wards. He is assigned to examine patients on admission to the hospital, to perform therapeutic and diagnostic procedures as indicated, and has the opportunity to follow the progress of the patient. He is present at daily ward rounds and at staff conferences.

In addition, the opportunity is offered to take an active part in the children's out-patient department, in special clinics such as allergy, cardiology, epilepsy, and child guidance.

Given under the direction of Dr. Adolph G. DeSanctis. Maximum class 8; maximum 40. Tuition $60.00.

This course will be repeated January 31 through February 26, 1949; April 4 through 30, 1949 and May 1 through June 30, 1949.

B-415. REVIEW OF CLINICAL PEDIATRICS

A full-time course of 6 days' duration from November 29 through December 4, 1948, consisting of a review of the most practical problems encountered in pediatric practice. Clinical lectures, conferences, ward rounds and case demonstrations are given by specialists in the various phases of pediatrics. Special emphasis is placed upon infant feeding, preventive pediatrics, chemotherapy, cardiology, and care of the premature infant.

Given under the direction of Dr. Adolph G. DeSanctis. Minimum class 8; maximum 40. Tuition $60.00.

This course will be repeated February 14 through 19, 1949; April 18 through 23, 1949 and June 13 through 18, 1949.

B-424. CARDIOLOGY FOR PEDIATRICIANS (FOR SPECIALISTS)

A full-time course of 5 days' duration from December 6 through 10, 1948. This course offers an intensive review of the most recent advances in pediatric cardiology including rheumatic fever, rheumatic heart disease and congenital heart disease.

The various diagnostic procedures are included, such as electrocardiography, fluoroscopy, cardiac visualization and venous catheterization.

An attempt is made to present the most practical and most modern means of treating the various cardiac problems as they arise.

Given under the direction of Dr. Robert Chobot. Minimum class 8; maximum 30. Tuition $75.00.

B-501. REVIEW OF GENERAL SURGERY, FOR SURGEONS (FOR SPECIALISTS)

A full-time course of 4 weeks' duration from October 25 through November 20, 1948.

The course provides advanced instruction in general surgery by means of demonstrations and lectures on the various operating procedures and a review of applied surgical anatomy on the cadaver. Special measures employed in the pre-operative preparation and post-operative care of patients are emphasized in clinical demonstrations and lectures by specialists from the medical, surgical and laboratory staffs. Differential diagnosis is discussed and demonstrated in special clinics—such as thyroid, stomach, colon and rectum, liver and bile ducts, thorax, heart and vascular systems, breast, and tumors of the head and neck. The indications for the use of antibiotics are discussed. Round-table conferences are held during the last week of the course.

Given under the direction of Dr. J. William Hinton. Minimum class 12; maximum 20. Tuition $300.00.

Applications must be accompanied by a list of all surgical operations performed in the past six months, with the following information concerning each: hospital record number, nature of operation, deaths, complications, and end results.

This course will be repeated April 4 through 30, 1949.

B-503. THE BASIC PROBLEMS IN CANCER THERAPY, FOR SURGEONS (FOR SPECIALISTS)

A full-time course of 12 days' duration from January 31 through Feb-

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ruary 12, 1949, on the basic problems of cancer therapy. Early diagnosis and modern methods of surgical therapy are discussed in didactic lectures and case demonstrations. The operative technique of block lymph node dissections, and radical surgery for cancer of the head, neck, thorax, breast, abdomen and extremities is stressed in cadaver demonstrations.

Given under the direction of Dr. J. William Hinton. Minimum class 10; maximum 20. Tuition $200.00.

Applications must be accompanied by a list of all surgical operations performed in the past six months, with the following information concerning each: hospital record number, nature of operation, deaths, complications, and end results.

B-924. RECENT ADVANCES IN SURGERY
A full-time course of 10 days' duration from September 20 through 30, 1948, consisting of didactic lectures and demonstrations that cover the recent advances in general surgery.

Particular emphasis will be placed on recent advances in thyroid surgery, surgery of the chest, surgery pertaining to the vascular system including portal hypertension and cirrhosis, surgery of the stomach and the status of vagotomy in the surgical management of ulcer patients, diseases of the gall bladder and biliary tract with emphasis on the technique of cholangiography and reconstructive operations on the common duct, and surgical diseases of the pancreas with the different operative procedures now employed.

The physiology of the small intestine with regional enteritis and neoplasms, ulcerative colitis and tumors of the large intestine. Diseases of the autonomic nervous system with particular emphasis on surgical indications in hypertension will also be reviewed.

Given under the direction of Dr. J. William Hinton. Tuition $175.00. This course will be repeated March 7 through 17, 1949.

B-942. ANESTHESIA (FOR SPECIALISTS)
A full-time course of 2 weeks' duration beginning on any Monday when there is a vacancy. Not given during July and August. This course consists of theoretical and practical instruction in all methods of modern inhalation anesthesia, and discussion of the popular regional anesthesia techniques and of spinal anesthesia. Pre-anesthetic examination and post-operative follow-up in the wards. Demonstrations and experience in the operating rooms, utilizing the various techniques and agents.

Given under the direction of Dr. Raphael W. Robertazzi. Maximum class 1. Tuition $125.00. A third week of instruction will be given for an additional fee of $65.00.

TRAUMATIC SURGERY
B-550. DIAGNOSIS AND TREATMENT OF TRAUMA
A full-time course of 6 days' duration from December 6 through 11, 1948. This is an intensive course of lectures and demonstrations on the care and treatment of the injured. Stress is placed upon the treatment of ambulatory fractures, first aid, sprains and strains, burns, the commoner soft-structure damages and infections of both soft tissue and bone. Case demonstrations and ward rounds are held at the Post-Graduate Hospital.

Given under the direction of Dr. Henry H. Ritter. Minimum class 6; maximum 20. Tuition $60.00. This course will be repeated May 9 through 14, 1949.

B-556. BASIC COURSE IN TRAUMATIC SURGERY (FOR SPECIALISTS)
A full-time course of 6 weeks' duration from May 16 through June 24, 1949. This is an intensive review of the bacteriology of wound infections, biochemical and blood changes in trauma, vascular complications of injuries to the extremities, anesthesia, wounds, burns, macroscopic and microscopic pathology, principles and practice of skin grafting, early ambulation in fractures, and splints and apparatus. There is an intensive review of anatomy and surgical anatomy. The physiology of soft tissues and bone repair are discussed in detail. The complications and newer concepts of the treatment of trauma are discussed. Hospital rounds.

Given under the direction of Dr. Henry H. Ritter. Minimum class 10; maximum 20. Tuition $300.00.

B-558. SURGERY OF THE HAND (FOR SPECIALISTS)
A full-time course of 6 days' duration from September 27 through October 2, 1948. This course includes anatomical demonstrations of the hand and lower forearm followed by a complete dissection of the hand and forearm by the students. A series of lectures and demonstrations are given, dealing with cutaneous infections, peripheral vascular diseases, nerve lesions, burns, wounds, tendon injuries, infections, localization and removal of foreign bodies, fractures and dislocations, and the repair of peripheral nerves and blood vessels. A considerable part of the course is devoted to applied surgical anatomy of the hand, including the repair of tendons, incisions for infections, open reduction of fractures and dislocations, web fingers, tumors, and Dupuytren's contractures.

Given under the direction of Dr. Henry H. Ritter. Minimum class 8; maximum 20. Tuition $75.00.
B-560. SEMINAR IN TRAUMATIC SURGERY (FOR SPECIALISTS)
A full-time course of 2 weeks' duration from November 15 through
27, 1948, consisting of a review of current methods of diagnosis and
treatment of fractures, wounds, and other injuries, with detailed dis-
cussion of the care of damaged soft structures, including visceral trauma.
Lectures, operative and non-operative clinics, and ward rounds. Dis-
cussion of surgical anatomy and demonstrations of operations on the
cadaver. Ward rounds at the Post-Graduate Hospital.
Given under the direction of Dr. Henry H. Ritter. Minimum class 6;
maximum 20. Tuition $125.00.
This course will be repeated March 7 through 19, 1949.

UROLOGY
B-1010. ADVANCED COURSE IN UROLOGY FOR SPECIALISTS
A full-time course of 2 months' duration from October 4 through
November 27, 1948.
All surgical operative procedures are reviewed on the cadaver and in
operative clinics, with ward rounds for instruction in pre-operative and
post-operative care. Advanced instruction in cystoscopic and urethro-
sopic diagnosis and treatment and in urography is given in the out-
patient department. Correlated subjects such as anesthesia, cardiovascu-
lar problems, biochemistry, hematology and blood transfusion, diseases
of metabolism, bacteriology, pathology, and endocrinology, as well as
pediatric urology and neurogenic urology are presented by specialists
in the respective fields.
Minimum class 4; maximum 8. Tuition $300.00.
This course will be repeated January 3 through February 26, 1949.

C. BASIC SCIENCE COURSES
In referring to a course, give its number, e.g. C-1601 Anatomy of the
Head and Neck, and indicate duration (a) (b) (c).

ANATOMY
C-1601. ANATOMY OF THE HEAD AND NECK
A course designed for physicians or surgeons especially interested in
the anatomy of the head and neck, or in ophthalmology, otolaryngology
and others interested in thoracic surgery. Considerable time is
devoted to study of the fascial planes and their continuities. The surgical
anatomy of the thyroid gland, the parathyroid glands, the recurrent
laryngeal nerve, the carotid sinus mechanism, etc. is intensively studied.

The lymphatic system is carefully analyzed from the standpoint of
organ or tissue drainage. The sinuses and eye and ear are included in
the dissections and anatomical studies. Lectures and required reading.

a. 12 weeks, 5 days a week, 4 hours daily $150.00
b. 16 weeks, 5 days a week, 4 hours daily $200.00
c. 8 weeks, 5 days a week, 6 hours daily $225.00

C-1602. ANATOMY OF THE THORAX AND ITS VISCERA
A combined dissection and lecture course on the anatomy of the
thorax. The mediastinal spaces are studied and the relation of the
thoracic fascia and its continuities in the neck and abdomen are traced.
The anatomy of the lung is studied in detail especially from the stand-
point of segmental resection. The azygos system, the thoracic lymph
duct, and the autonomic nervous systems are dissected in detail. Lectures
and required reading.
12 weeks, 5 days a week, 4 hours daily $150.00

C-1603. ANATOMY OF THE ABDOMEN
A dissection course of the entire abdomen and pelvis. Variational
anatomy is particularly stressed. All organs are studied from the surgeon's
viewpoint. A laboratory notebook is kept. The retroperitoneum is ana-
yzed in detail. The genito-urinary system is also dissected. The anatomy
of hernia is studied from the standpoint of the transversalis fascia and
the nerve fixation structures such as Cooper's ligament. The interior of
the pelvis is dissected.
The course includes, in addition to dissection, lectures, demonstra-
tions and required reading.

a. 12 weeks, 5 days a week, 4 hours daily $150.00
b. 16 weeks, 5 days a week, 4 hours daily $200.00
c. 8 weeks, 5 days a week, 6 hours daily $225.00

C-1604. (A) ANATOMY OF THE FEMALE PELVIS
A lecture and dissection course of the female pelvis. Considerable
time is devoted to the study of the pelvic visceral fascia. The urogenital
and oral triangles are carefully studied, the pelvic ureters and the pelvic
autonomic nervous system are dissected in detail. Lectures and required
reading.
12 weeks, 5 days a week, 4 hours daily $150.00

(B) ANATOMY OF THE MALE PELVIS
A lecture and dissection course of the male pelvis. The dissection is
devoted to the special study of the male pelvic fascia, its relations par-
ticularly from the standpoint of perineal reflections as it involves the
allus, rectum, bladder and prostate. Dissections, lectures, demonstrations and required reading.

12 weeks, 5 days a week, 4 hours daily $150.00

C-1605. ANATOMY OF THE MUSCULOSKELETAL SYSTEM
A dissection course of the musculoskeletal system suitable for orthopedic surgeons, general surgeons and radiologists. Included are the muscles of the back and anatomy of the spine. The spinal cord is exposed. The tendon systems of the hand and its spaces are studied. Surgical approaches are carefully considered. Lectures and required reading.

a. 12 weeks, 5 days a week, 4 hours daily $150.00
b. 16 weeks, 5 days a week, 4 hours daily $200.00

C-1606. GENERAL ANATOMY
A demonstration course restricted to those training for a surgical specialty, in surgical anatomy in which special dissections are utilized for study and accompanied by lectures in applied anatomy. A laboratory note book is required. The entire general anatomy is covered from the standpoint of clinical application. Maximum class 40.

8 weeks, 5 days a week, 3 hours daily, (Mornings) $150.00.

C-124. GYNECOLOGICAL PATHOLOGY (FOR SPECIALISTS)
A part-time course of 16 weeks’ duration from 11.00 a.m. to 1.00 p.m., Wednesdays, September 22, 1948 through January 5, 1949. This course consists of a systematic review of the pathology of the more common gynecological conditions, presented by lectures, demonstrations, and microscopic study. The correlation of clinical and pathological features is emphasized. (Course No. 155 is a prerequisite for this course.) Given under the direction of Dr. Maxwell J. Fein. Minimum class 3; maximum 16. Tuition $100.00.

This course will be repeated from 3.00 p.m. to 5.00 p.m., Tuesdays and Thursdays, January 4 through March 1, 1949.

C-155. SURGICAL PATHOLOGY (FOR SPECIALISTS)
A part-time course of 15 weeks' duration from 3.00 p.m. to 5.00 p.m., Tuesdays and Thursdays, September 14 through December 23, 1948. This course is designed for surgeons and for pathologists. It consists of the study of important pathological conditions, with particular reference to those of interest in general surgery. Instruction is by lectures, demonstrations and the study of gross and microscopic preparations. Material from the operating rooms of the hospital is available for demonstration of gross specimens, and prepared slides illustrate microscopic changes. The pathological changes are correlated with clinical findings whenever possible.

Given under the direction of Dr. Maxwell J. Fein. Maximum class 16.

Tuition $200.00.

This course will be repeated March 1 through June 9, 1949.

D. TRAINING FOR SPECIALIZATION IN DERMATOLOGY AND SYphilology
Training is provided for the physician who, after graduation from an approved medical school and an approved internship, desires to prepare himself adequately for the practice of dermatology and syphilology as a specialty. The program conforms to the requirements of the Advisory Board for Medical Specialties, the Council on Medical Education and Hospitals of the American Medical Association, and the American Board of Dermatology and Syphilology, which have established the standards upon which certification in this specialty is based.

This training occupies full time for three calendar years, except for an annual vacation of one month. The tuition fee is $800.00 payable the first year. There is no charge for tuition for the second or the third year. The student attends the lecture courses and spends one quarter of his time for from three to twelve months in each of the various sections of the department. In the second and third year, he is given responsibility in the various departmental sections and in the clinical laboratories. He may be given at least one research problem involving study of basic sciences. Throughout the three years he attends the evening staff conferences, and the monthly evening meetings of the Section on Dermatology of the New York Academy of Medicine.

The regular opening date for this course is the first of October. Teaching is continuous throughout every day of the year, except Saturday afternoons, Sundays and holidays.

The School admits a maximum of twenty-two physicians to the three-year course each October. The class for this course beginning October 1, 1948, was filled before publication of this announcement. Applications for the class beginning October 1, 1949 will be considered after July 1, 1948.

This course of training is described fully in the Announcement of the Department of Dermatology and Syphilology.

ALL APPLICATIONS AND INQUIRIES SHOULD BE ADDRESSED TO OFFICE OF THE DEAN
303 East 20th Street
New York 3, New York