

1952-53 CATALOGUE

VANDERBILT UNIVERSITY

School of Medicine

Containing the register of students
for the 1951-52 session, general information, courses
of study, and appointments for the 1952-53 session,
corrected to August 1, 1952, Nashville, Tennessee.

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CALENDAR

JULY 1, 1952—JUNE 30, 1953

JULY							AUGUST							SEPTEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
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20	21	22	23	24	25	26	17	18	19	20	21	22	23	21	22	23	24	25	26	27	
27	28	29	30	31			24	25	26	27	28	29	30	28	29	30					
							31														
OCTOBER							NOVEMBER							DECEMBER							
			1	2	3	4							1		1	2	3	4	5	6	
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12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20	
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27	
26	27	28	29	30	31		23	24	25	26	27	28	29	28	29	30	31				
							30														
JANUARY							FEBRUARY							MARCH							
				1	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7	
4	5	6	7	8	9	10	8	9	10	11	12	13	14	8	9	10	11	12	13	14	
11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21	
18	19	20	21	22	23	24	22	23	24	25	26	27	28	22	23	24	25	26	27	28	
25	26	27	28	29	30	31								29	30	31					
APRIL							MAY							JUNE							
			1	2	3	4							1	2		1	2	3	4	5	6
5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13	
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26	27	28	29	30			24	25	26	27	28	29	30	28	29	30					
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CALENDAR OF SCHOOL ACTIVITIES

1952-1953

- June 23, Monday*.....Registration for summer quarter for third and fourth years.
- June 24, Tuesday*.....Instruction begins.
- July 4, Friday*.....A holiday.
- Sept. 5, Friday*.....Summer quarter ends.
- Sept. 6, Saturday*.....Fall vacation begins.
- Sept. 22 and 23, Monday and Tuesday*...Registration for the 1952-1953 session. Assembly of all students at 11 A.M., Tuesday.
- Sept. 24, Wednesday*....Instruction begins.
- Nov. 27, Thursday*.....A holiday. Thanksgiving Day.
- Dec. 6, Saturday*.....Fall quarter ends.
- Dec. 8, Monday*.....Winter quarter begins.
- Dec. 20, Saturday*.....Christmas vacation begins at 12:30, P.M.
- Jan. 5, Monday*.....Instruction resumed.
- Jan. 27, Tuesday*.....First semester (First Year) ends.
- Jan. 28, Wednesday*....Second semester (First Year) begins.
- March 7, Saturday*.....Winter quarter ends.
- March 9, Monday*.....Spring quarter begins.
- May 6, Wednesday*.....A holiday. Founder's Day.
- May 22, Friday*.....Spring quarter ends.
- May 23, Saturday*.....Examinations begin.
- June 6, Saturday*.....Alumni Day.
- June 7, Sunday*.....Commencement Day. Graduation Exercises at 5:30 P.M.
- June 22, Monday*.....Registration for summer quarter for third and fourth years.
- June 23, Tuesday*.....Instruction begins.
- July 4, Saturday*.....A holiday.
- Sept. 4, Friday*.....Summer quarter ends.
- Sept. 5, Saturday*.....Fall vacation begins.

VANDERBILT UNIVERSITY

SCHOOLS AND DEGREES

Vanderbilt University comprises a College of Arts and Science and the following schools:

Graduate School
School of Law
School of Medicine
School of Nursing
School of Engineering
School of Religion

Information concerning each school may be secured from the Dean of the School.

DEGREES

The degrees granted are as follows:

IN THE GRADUATE SCHOOL

Master of Arts, M.A. Doctor of Philosophy, Ph.D.
Master of Science, M.S.

IN THE COLLEGE OF ARTS AND SCIENCE

Bachelor of Arts, B.A.

IN THE PROFESSIONAL SCHOOLS

Bachelor of Engineering, B.E. Bachelor of Divinity, B.D.
Civil Engineer, C.E. Bachelor of Laws, LL.B.
Mechanical Engineer, M.E. Doctor of Medicine, M.D.
Chemical Engineer, Ch.E. B.S. in Nursing
Electrical Engineer, E.E. M.S. in Audiology and Speech

No honorary degrees are conferred.

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LI. OF TENNESSEE
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MARKET

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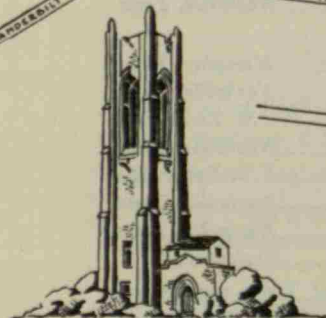
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MEMORIAL
STADIUM

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BASIN

TENNIS COURTS



THE TOWER
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THE VANDERBILT
UNIVERSITY
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GEORGE K. CARPENTER	EUGENE M. REGEN
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S. BENJAMIN FOWLER

ASSISTANT VISITING SURGEONS

J. JEFFERSON ASHBY	JOHN R. GLOVER
DON L. EYLER	J. WILLIAM HILLMAN
	SAMUEL BRADLEY PREVO

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 CHARLES E. HAINES, JR.

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 HORACE C. GAYDEN JOHN M. TUDOR

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CULLY COBB WILLIAM F. MEACHAM

ASSISTANT VISITING SURGEON

C. C. McCLURE, JR.

Ophthalmology

VISITING SURGEONS

HENRY CARROLL SMITH ROBERT SULLIVAN
 KATE SAVAGE ZERFOSS

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FOWLER HOLLABAUGH

ASSISTANT VISITING SURGEONS

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 PHILIP L. LYLE RALPH RICE

Otolaryngology

VISITING SURGEON

MARVIN McTYEIRE CULLOM

ASSOCIATE VISITING SURGEON

GUY M. MANESS

ASSISTANT VISITING SURGEONS

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 J. THOMAS BRYAN GEORGE E. HORSLEY
 LEE FARRAR CAYCE WILLIAM G. KENNON, JR.
 WILLIAM T. DANIEL WILLIAM WESLEY WILKERSON, JR.

Dental Surgery

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OREN A. OLIVER

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FRED H. HALL

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JAMES B. BAYLOR

EDWARD H. MARTIN

E. THOMAS CARNEY

MAX V. SIGAL

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JULY 1, 1952—JUNE 30, 1953

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GILLES LEPAGE

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ROYCE E. DAWSON

JOSEPH C. BAILEY

ARTHUR LEE HUMPHRIES, JR.

DUVON C. CORBITT, JR.

W. EDWARD LANSCHÉ

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VISITING RADIOLOGIST

C. C. McCLURE

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HERBERT C. FRANCIS

GRANVILLE W. HUDSON

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MINYARD D. INGRAM, JR.

JOSEPH IVIE
BEN R. MAYES

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G. TOM PROCTOR

ASSISTANT RESIDENT RADIOLOGIST

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OWEN H. WILSON, *Senior Pediatrician*

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JAMES C. OVERALL

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LUTHER A. BEAZLEY
LINDSAY K. BISHOP
HARRY M. ESTES
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SOL L. LOWENSTEIN

*HOWARD H. NICHOLS
HERMAN ROSENBLUM
DAN S. SANDERS, JR.
ETHEL WALKER
THOMAS S. WEAVER
ERLE E. WILKINSON

THOMAS B. ZERFOSS, JR.

Resident Staff

JULY 1, 1952—JUNE 30, 1953

RESIDENT PEDIATRICIAN

CHARLES L. WARNER

*On leave of absence for military duty.

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NORMAN M. CASSELL

RAY L. DUBUISSON
ROY W. LAUGHMILLER, JR.

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MARSHALL PITTS

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ROBERT S. STEMPEL, JR.
WILLIAM B. WADLINGTON

OBSTETRICS AND GYNECOLOGY

JOHN C. BURCH, *Acting Obstetrician and Gynecologist-in-Chief*
*LUCIUS EDWARD BURCH, *Senior Obstetrician and Gynecologist*

Obstetrics

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G. SYDNEY McCLELLAN
WILLARD O. TIRRILL, JR.

CLAIBORNE WILLIAMS

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JOHN SMITH CAYCE

RAPHAEL S. DUKE
EDWIN LEA WILLIAMS

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SAM C. COWAN, JR.
JAMES D. ELLIS
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HOMER M. PACE
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ARTHUR SUTHERLAND
ALLEN E. VAN NESS
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PAUL L. WARNER

Gynecology

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WILLIAM C. DIXON

G. SYDNEY McCLELLAN
CLAIBORNE WILLIAMS

*Emeritus.

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RAPHAEL S. DUKE	HARLIN TUCKER
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SAM C. COWAN, JR.	ROY W. PARKER
HAMILTON GAYDEN	DOUGLAS SEWARD
ROLAND LAMB	WILLIAM D. SUMPTER, JR.
HORACE T. LAVELY, JR.	ARTHUR SUTHERLAND
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Resident Staff

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ROBERT L. CHALFANT

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KENNETH H. MCGILL	CHARLES D. STEPHENSON

PSYCHIATRY

FRANK H. LUTON, *Psychiatrist-in-Chief*

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	WILLIAM F. ORR

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ERIC BELL, JR.	G. TIVIS GRAVES
	FRANK W. STEVENS

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VIRGINIA KIRK

*On leave of absence.

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ALBERT R. LAWSON

ASSISTANT RESIDENT PSYCHIATRISTS

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RICHARD H. SUNDERMANN

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ASSISTANT PATHOLOGIST

JOHN L. SHAPIRO

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RESIDENT PATHOLOGIST

WILLIAM J. CHEATHAM

ASSISTANT RESIDENT PATHOLOGISTS

JOHN S. DUNN

JEFFERSON C. PENNINGTON, JR.

MARCUS J. ZBAR

INTERNS

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THOMAS C. DELVAUX, JR.

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HARRY T. MOORE, JR.

LAWRENCE G. SCHULL

Resident Staff

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RESIDENT ANESTHESIOLOGIST

JOANNE LOVELL LINN

ASSISTANT RESIDENT ANESTHESIOLOGIST

SAMUEL R. TURNER

STAFF OF THE OUTPATIENT SERVICE VANDERBILT UNIVERSITY HOSPITAL

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RUDOLPH H. KAMPMEIER, *Chief of Clinic*

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THOMAS F. FRIST	W. DAVID STRAYHORN
HOLLIS E. JOHNSON	CLARENCE S. THOMAS
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GEORGE R. MENEELY	JOHN B. YOUMANS

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O. A. COUCH, JR.	HARRISON J. SHULL
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LAURENCE A. GROSSMAN	HUGH STEVENS
MILTON GROSSMAN	EDWARD L. TARPLEY
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ROBERT CARL HARTMANN	BEVERLY T. TOWERY
AUBREY B. HARWELL	CLARENCE C. WOODCOCK, JR.
IRA T. JOHNSON	JOHN LANIER WYATT

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CARL C. GARDNER, JR.	HAROLD R. SANDSTEAD

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	BERTRAM E. SPROFKIN

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SMILEY BLANTON JOHN G. HOWARD
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General Surgery

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BENJAMIN F. BYRD, JR. OSCAR NOEL
ROLLIN A. DANIEL, JR. LOUIS ROSENFELD
BEVERLY DOUGLAS DAUGH W. SMITH
JAMES A. KIRTLEY, JR. CHARLES C. TRABUE
BERNARD M. WEINSTEIN

*On leave of absence.

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ROBERT L. DOZIER, JR.	JERE W. LOWE
SAM Y. GARRETT	J. ANDREW MAYER
CARL N. GESSLER	DOUGLAS H. RIDDELL
LYNWOOD HERRINGTON, JR.	THOMAS BOWMAN ZERFOSS

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DAVID R. PICKENS, JR.	KIRKLAND W. TODD

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JOHN R. GLOVER	SAMUEL BRADLEY PREVO

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WILLIAM F. MEACHAM

ASSOCIATE VISITING SURGEON

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Urological Surgery

EDWARD HAMILTON BARKSDALE, *Chief of Clinic*

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HORACE C. GAYDEN	JOHN M. TUDOR

Ophthalmology

HENRY CARROLL SMITH, *Chief of Clinic*

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FOWLER HOLLABAUGH	KATE SAVAGE ZERFOSS
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PHILIP L. LYLEN. B. MORRIS
RALPH RICE

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MARVIN McTYEIRE CULLOM, *Chief Consultant*
GUY M. MANESS, *Chief of Clinic*

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J. THOMAS BRYAN
LEE FARRAR CAYCEWILLIAM T. DANIEL
HERBERT DUNCAN
GEORGE E. HORSLEY
WILLIAM G. KENNON, JR.

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ROBERT B. BOGLE, *Chief of Clinic*

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MAX V. SIGAL

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FELICE PETRUCELLI

ELMORE HILL

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AMOS CHRISTIE, *Pediatrician-in-Chief*

VISITING PEDIATRICIANS

JOHN M. LEE
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WILLIAM O. VAUGHAN

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LINDSAY K. BISHOP
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PHILIP C. ELLIOTT
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LEONARD J. KOENIGSOL L. LOWENSTEIN
*HOWARD H. NICHOLS
HERMAN ROSENBLUM
DAN S. SANDERS, JR.
JOE M. STRAYHORN
ETHEL WALKER
THOMAS S. WEAVER
ERLE E. WILKINSON

THOMAS B. ZERFOSS, JR.

*On leave of absence for military duty.

ASSISTANT VISITING PEDIATRICIANS

MILDRED STAHLMAN

CALVIN W. WOODRUFF

OBSTETRICS AND GYNECOLOGY

JOHN C. BURCH, *Acting Obstetrician and Gynecologist-in-Chief**LUCIUS EDWARD BURCH, *Senior Obstetrician and Gynecologist*

Obstetrics

D. SCOTT BAYER, *Chief of Obstetrical Clinic*

VISITING OBSTETRICIANS

*W. BUSH ANDERSON

MILTON S. LEWIS

SAM C. COWAN

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CLAIBORNE WILLIAMS

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HOMER M. PACE

PAUL L. WARNER

ROY W. PARKER

EDWIN LEA WILLIAMS

Gynecology

CLAIBORNE WILLIAMS, *Chief of Gynecological Clinic*

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THOMAS F. WARDER

CARL S. McMURRAY

EDWIN LEA WILLIAMS

*Emeritus.

GENERAL INFORMATION

HISTORY

Vanderbilt University first granted the degree of Doctor of Medicine in 1875. In 1895 a complete reorganization of the Medical School was undertaken, and the University erected a building on the corner of Elm Street and Fifth Avenue, South, which was considered at that time an adequate and modern medical school plant. The grounds and facilities of the Medical School were greatly extended in 1911 by the purchase of the campus and buildings of the George Peabody College for Teachers, this purchase having been made possible through the generous contribution of Mr. W. K. Vanderbilt for this purpose.

In May, 1913, Mr. Andrew Carnegie contributed \$200,000 to the University to be used for the erection and equipment of a building for the laboratories of the Medical School, and later gave \$800,000 as endowment of the School. The funds for the laboratory building were not used for building purposes at the time of the gift, but have been expended in erecting the part of the new Medical School plant which is designated as the Carnegie Building.

In 1915 Mr. William Litterer, capitalist of Nashville, donated to the University the former medical building of the University of Nashville. This building contained a large assembly hall, class rooms and laboratories of bacteriology and anatomy, and added much to the facilities of the School. This gift is commemorated in the new buildings by a tablet which designates the space devoted to bacteriology as The Litterer Laboratory.

In view of the past record of the School and in view of the favorable location of Nashville as an educational and medical center, Vanderbilt University was selected by the General Education Board of New York as offering an excellent opportunity for the development of medical education, especially in the Southern States. Accordingly in 1919 this Board appropriated the sum of \$4,000,000 to enable the University to effect a complete reorganization of its School of Medicine in accordance with the most exacting demands of modern medical education. The medical faculty entered into this project with a spirit of eager cooperation.

At this time the directors of the Galloway Memorial Hospital deeded to the University its unfinished hospital building located adjacent to the School of Medicine, which represented an expenditure of about \$250,000. Plans were then drawn for completing this hos-

pital building and for making it part of a larger plant for the School of Medicine.

In June, 1921, after careful study, the program for the new medical plant was modified by the action of the Board of Trust, as it became evident that much was to be gained by uniting the School of Medicine with the rest of the University. It was decided, therefore, to construct an entirely new plant on the main campus of the University, and to abandon the developments on the South Campus. This proposition had been considered many times in past years, but had always been abandoned because of lack of means. At this time, however, the advisability of the move was generally recognized, and it became possible by the active cooperation of the Carnegie Corporation and the General Education Board. By the action of this latter body the University authorities were permitted to use what was needed of the initial appropriation of \$4,000,000 for the erection of a medical school and hospital on the West Campus. The General Education Board and the Carnegie Corporation then united, each giving half of \$3,000,000 to provide additional endowment for the School of Medicine for its operation in the new plant.

The new plant, consisting of a hospital, laboratories for all departments, a school of nursing and power plant, was erected and equipped at a cost of approximately \$3,500,000. The new plant was put into operation in September, 1925. There remains of the original Carnegie gifts and the appropriations by the General Education Board and the Carnegie Corporation a sum of \$5,000,000 for endowment of the School of Medicine and of the Vanderbilt University Hospital. During the period of reorganization of the School, other needs not fully provided for became apparent which were met by further appropriations running over a period of years by the General Education Board and the Carnegie Corporation.

When the new plant was nearing completion an appropriation of \$100,000 was made to the University by the Rockefeller Foundation, to be used over a period of five years for the purpose of furthering the development of nursing education. This sum places the Vanderbilt University School of Nursing on a sound educational basis, comparable to that of the School of Medicine, with which it is closely coordinated.

In the spring of 1929, the General Education Board made a donation of \$2,000,000 for additional endowment of the School of Medicine, thus replacing with permanent endowment a series of annual grants to the individual departments of the institution. This was increased on July 1, 1929, by further donations of \$1,500,000 for endowment of the School of Medicine, and of \$4,000,000 for endowment

of the Vanderbilt University Hospital. The result of these additional appropriations is a permanent endowment brought about through the capitalization of a series of annual income grants. On July 1, 1935, the secretary of the General Education Board notified university authorities that an additional grant of \$2,500,000 had been made for the Vanderbilt University Hospital and Medical School, \$1,000,000 of which was used in the construction of an addition to the Hospital and School of Medicine building and \$1,500,000 for additional endowment.

BUILDINGS

The building of the School of Medicine is located in the southeast corner of the University Campus. It is constructed in the collegiate Gothic Style, the structure being of concrete with brick and limestone walls. The total length of the building from north to south is 458 feet and from east to west 505 feet. The floor area is approximately 350,000 square feet. The building is in reality a series of buildings brought together so that they are all under one roof. The laboratories of the various departments of the School of Medicine are grouped about two courts, which are open on the north side, toward the main part of the campus. The entrance to the Medical School is in the center of the east court. The building on the east side of this court is designated as the Carnegie Building, and contains the laboratories of biochemistry, pharmacology and physiology, one floor being devoted to each of these subjects. The building on the west side of the court contains the laboratories of gross and microscopic anatomy, of pathology, and of bacteriology. In the building forming the south side of the court are the administrative offices of the school, large student laboratories, the Department of Surgery, the laboratory of surgical pathology and the surgical operating rooms of the hospital.

Around the west court are other laboratories of the Medical School. In the building forming the south side of this court are the offices and laboratories of the Department of Obstetrics and Gynecology, and the Department of Pediatrics; on the fourth floor are the delivery rooms of the hospital. The building on the west side of this court is occupied by the Department of Preventive Medicine and Public Health and the office of the Dean of the School of Medicine.

Around two other open courts, similar in size and proportions to the Medical School courts, but opening toward the south, are the hospital wards and an extensive outpatient department. The building on the west side of the first court, containing the surgical portion of the Hospital, is designated as the Galloway Building, and commemo-

rates the donations made to the Galloway Memorial Hospital which have contributed toward the erection of the new medical plant.

The building forming the north side of the second court is occupied by the Outpatient Service for Obstetrics and Gynecology; the X-Ray Department and a large open porch. The building on the west side of this court contains the entrance to the private pavilions, an isolation unit for Pediatrics and the newborn nursery which includes facilities for the care of premature babies.

The large central unit which forms the west front of the building, is seven stories in height and contains the teaching beds for Gynecology, Pediatrics, Obstetrics, and three private pavilions for general services. On the seventh floor are house staff quarters.

The two wings connecting the buildings of the north and the south courts contain laboratories, lecture rooms and the library, and form the connecting links between the Hospital and the Medical School. Laboratories in these buildings are arranged especially for the use of the clinical departments of the School. Another building extending toward the east from the main structure and facing on the Hillsboro Road contains the entrance to the Hospital and its administrative offices, the Department of Psychiatry, the main cafeteria and kitchens, and on the top floor two wards, one for psychiatric patients and the other a private pavilion for general services. The Hospital contains 404 beds, which include 52 bassinets.

The entire plant is so arranged that there is free communication between the various departments of the School and the Hospital, and the library, with its spacious reading room, is in the center of the building. The Medical School is arranged to accommodate two hundred students.

The building for the School of Nursing is in conformity with the building of the Medical School. It is directly north of the Medical School building, facing Hillsboro Road.

The power house is located on the west side of the campus, facing Twenty-fourth Avenue. It serves the Medical School and the Hospital with steam and electricity, being connected with them by a large tunnel. It also supplies the other University buildings with like services. In addition to the boiler plant and electrical equipment, the power house contains the hospital laundry.

ALUMNI MEMORIAL HALL

The Alumni Memorial Hall was erected during 1924 and 1925 through contributions by the alumni and their friends as a monument to the Vanderbilt men who fell in the World War. It is a hand-

some building in the collegiate Gothic Style designed chiefly as a center of the social life of the University. It contains a memorial hall, lounging, reading and recreation rooms, a small auditorium and offices for various student activities. The offices of the Alumni Association are in this building. There is also a club room for the members of the faculty.

FACILITIES OF INSTRUCTION

The buildings of the School of Medicine contain all the necessary departments, facilities and equipment for conducting a modern hospital and for the teaching of all subjects contained in the medical curriculum. The laboratory and clinical facilities are closely coordinated, with the purpose that there shall be a ready flow of ideas between the laboratories of the medical sciences and the wards and outpatient service. Teaching laboratories, especially designed for their respective uses, are provided for gross and microscopic anatomy, biochemistry, physiology, bacteriology, pathology, pharmacology, preventive medicine, and for the clinical departments.

There are also a number of lecture rooms equipped with projection apparatus and other modern accessories for teaching, as well as an amphitheater for clinical demonstrations which can accommodate practically the entire student body. Besides meeting the needs fully for the usual type of medical instruction, each department is provided with accommodations for advanced students and research workers.

The Hospital consists of thirteen units of from 18 to 30 beds. These units are designed for the following uses: one unit for male medical cases, one for female medical cases; one for male surgical cases, one for female surgical cases; one unit for gynecology; one unit for obstetrics; one unit for pediatrics, with subsidiary unit for isolation; one unit for general psychiatric cases; four units for private general cases, and one unit for male and female Negro patients. The entire Hospital is staffed by members of the faculty of the School of Medicine.

Adjoining the wards of the Hospital there are laboratories equipped for the more generally used diagnostic laboratory procedures in which students perform the various tests and examinations which the cases assigned to them may require. Each ward laboratory is provided with lockers for the microscopes and other instruments the students are required to own.

The Outpatient Service occupies the entire first floor of the southern portion of the building. It is especially designed for teaching and

contains a series of examining, treatment and teaching rooms for general medicine and surgery, pediatrics, neurology, dermatology, psychiatry, dentistry, orthopedic surgery, ophthalmology, otolaryngology, obstetrics, gynecology, and urology. A waiting room adjoins each department, and several small clinical laboratories are placed in convenient locations.

The Department of Radiology, equipped for fluoroscopic examinations, the making of radiograms, X-ray treatment, and for demonstration and study of radiograms is conveniently located with respect to the Outpatient Service and Hospital beds.

The surgical operating rooms are placed over the central portion of the Medical School court, facing north. There are six air-conditioned operating rooms, one of which is especially designed for urological surgery, and three delivery rooms with the necessary complement of preparation and labor rooms. These facilities are located on the same floor and in immediate proximity to the main Obstetrical ward. A room for students is provided on the operating rooms floor.

Besides the clinical facilities offered by the wards and outpatient service of the University Hospital, the School of Medicine has clinical privileges at the Nashville General Hospital which has three hundred and fifty ward beds and is operated by Vanderbilt University as agent of the Board of Hospital Commissioners of the City of Nashville. Vanderbilt University School of Medicine through a Dean's Committee cooperates with Thayer General, a seven hundred bed Veteran's Hospital, and its postgraduate training program, and has available its facilities for undergraduate teaching. Teaching privileges have also been accorded to the School by the Central State Hospital for the Insane.

MEDICAL LIBRARY

EILEEN R. CUNNINGHAM, *Librarian and Professor of Medical Library Science*

ELEANOR G. STEINKE, *Assistant Librarian*

EULA PAULINE MARTIN, *Assistant*

BERNICE B. SALLY, *Secretary*

The Library of the Vanderbilt School of Medicine was founded in 1906 and was located in the Medical School Building on the South Campus. A year later the Nashville Academy of Medicine made a gift to the Vanderbilt Medical School of the private library of Dr. Richard Douglas, consisting of 2,500 volumes. This nucleus was

augmented from time to time by generous gifts from various local physicians.

In 1924-25 the Library was moved to its present location in the Hospital building and it has been the recipient of various grants from the Rockefeller Foundation which made rapid development possible. The collection now contains most of the material needed for research in any of the Medical Sciences. It contains complete files of the majority of the important journals, both in English and foreign languages, and new titles are being constantly added. Numerous well selected monographs and basic textbooks are available as well as many important reference works and bibliographic indexes.

The Library contained on May 1, 1952, 55,717 volumes and received 878 current periodicals and serial publications including all of the annual and statistical reports put out by the various state departments of health as well as all of the federal documents relating to health.

A collection of books and journals illustrating the history and development of the literature of medicine, especially that of the United States, is being built up. This collection is being constantly increased, and contains, in addition to books, objects illustrating the history of medicine. The funds for acquiring this collection have come largely through the generous gifts of persons interested in the Library. Donations of letters, photographs, books and money are invaluable for the purpose of extending this collection.

Important reference tools and journals in the pure sciences are available on the campus in close proximity to the Medical School through the facilities of the Joint University Libraries, which contained a total of 611,385 volumes as of May 1, 1952.

Well trained librarians are on hand to render aid in the reading room and a feature of the service is the instruction in the use of the Library given medical students of the first-year class. Early in the first trimester these students are given a brief orientation period on the arrangement and use of the Library. Later in the year they are given round-table instruction, in small groups, on the use of the material available, both English and foreign. They are shown how to consult reference works and indexes, how to prepare bibliographies and how to write scientific papers. This course is timed to coincide with the preparation of papers which are based on periodical literature and which the students must prepare in connection with their work in certain major subjects. Assignments are given during this Library training which require practical use of the materials available.

The Library has facilities for the use of microfilm and maintains an Inter-Library loan service both with local and out of town libraries.

The reading room is open during the academic year from 8:15 A.M. to 6:00 P.M. and 7:00 to 10:00 P.M. Monday through Friday; from 8:15 A.M. to 4:30 P.M. on Saturday, and 2:00 to 5:00 P.M. on Sunday.

REQUIREMENTS FOR ADMISSION

The School of Medicine selects its students from those who fulfill one of the following conditions:

1. Graduates of a college or university of recognized standing.
2. Seniors in absentia of a college or university of recognized standing who will be granted the Bachelor's degree by their colleges after having completed successfully one year of the work in the School of Medicine. A properly accredited statement to this effect from the colleges shall accompany all applications for admission as seniors in absentia. A form is furnished for this purpose.
3. Students of foreign universities of recognized standing who have completed at least the equivalent of three years of collegiate education may be admitted to the School of Medicine at the discretion of the Committee on Admissions.

As admission to the School of Medicine is competitive, students will be selected on the basis of the quality of their college work and the general fitness of the applicant for the study of medicine.

Every candidate must present evidence of having satisfactorily completed during his college course the following minimum requirements, in which a semester hour is the credit value of sixteen weeks' work consisting of one hour of lecture or recitation or at least two hours of laboratory work:

1. *Biology*.—One full course of eight semester hours, of which four must consist of laboratory work. The course may be general biology, zoology, or zoology and botany, but not more than half may be botany.

2. *Chemistry*.—A minimum total of twelve semester hours are required. Eight of these must be in general inorganic chemistry and must include four semester hours of laboratory work. There must also be presented four semester hours credit for organic chemistry covering both aliphatic and aromatic compounds and including two hours of laboratory work.

3. *Physics*.—Eight semester hours are required, of which at least two shall be laboratory work. It is desirable that emphasis be placed on quantitative laboratory work.

4. *English and Composition*.—Six semester hours.

No credit can be given in medical school for courses taken in academic school even though they duplicate the content of courses in the medical school curriculum. Because of this fact, students are urged not to take such courses but to devote their time to work which will strengthen their foundation in basic science and mathematics and their cultural background.

The number of students admitted to the first year class of the School of Medicine is limited to fifty-two.

Women are admitted on equal terms with men.

Each applicant is required to furnish the names of three persons as references, two of them preferably from among his science teachers, when filing his application. A small unmounted photograph is also required at this time, and the Medical College Admission Test of the Association of American Medical Colleges should be taken during the year previous to application for admission to the School of Medicine.

MEDICAL COLLEGE ADMISSION TEST

This test is given under the auspices of the Association of American Medical Colleges, and is required of applicants to Vanderbilt. It is given annually at most universities and colleges and information concerning it is posted before the date of examination. Since the examination score is used by medical schools in the selection of applicants, students should take the test at the latest in the fall before the year in which they wish to enter medical school.

GRADUATE RECORD EXAMINATIONS

It is recommended that students applying for admission take the Graduate Record Examinations at the latest date possible to allow inclusion and consideration of the results with their application for admission to Medical School.

The scholastic record, together with the recommendations and the score made on these examinations, will be used by the Committee on Admissions in considering applications for admission to the School of Medicine.

Applications for admission may be filed about one year in advance of date of entrance at which time the Committee on Admissions

begins its consideration of applicants. The applications are passed upon by the Committee on Admissions, and a final decision of acceptance or rejection may be reached at any time. Successful applicants are required to make a deposit of \$50 within a specified time after notification of their acceptance. This deposit is credited toward the payment of the first tuition, and in the event the student does not matriculate, it is not returnable.

Application forms may be obtained by applying to the Registrar, School of Medicine, Vanderbilt University, Nashville 5, Tennessee. A check or P. O. money order for \$5.00, payable to the School of Medicine, Vanderbilt University, must accompany each application when it is submitted. This is not refundable.

REGISTRATION

All students are required to register and to pay the fees for the first trimester at the opening of the session and the remainder in equal installments at the beginning of the second and third trimesters.

Any student who has failed to pay tuition and other fees ten days after they are due will be excluded from classes.

All students who fail to register on the days designated will be charged a fee of \$3 for late registration.

THE MEDICAL-SCIENTIFIC COURSES OF THE COLLEGE OF ARTS AND SCIENCE

In order to meet fully the requirements for entrance to Medicine, but at the same time to retain the cultural value of academic work and yet effect a saving of a year, the College offers the Medical-Scientific Course covering three years. Students who have satisfactorily completed the above course and whose applications for admission to the School of Medicine have been officially accepted will be given thirty-six term hours' credit toward the Bachelor's degree, upon the completion of the first-year course in medicine.

Students desiring information in regard to this course should write to the Dean, College of Arts and Science, Vanderbilt University.

ADMISSION TO ADVANCED STANDING

Students may be admitted to advanced standing when vacancies occur under the following conditions. Applications for advanced standing should be filed according to the procedure described for admission to the first year class, acceptable applicants being required to make the same deposit of \$50. Applicants must furnish acceptable

evidence of having completed the conditions of admission and of having satisfactorily completed in an accredited medical school all the work required of students of the class they desire to enter. They must also present a certificate of honorable dismissal from the medical school or schools they have attended.

EXAMINATIONS AND PROMOTIONS

Successful completion of the various courses of the medical curriculum and the scholastic standing are determined by the character of the students' daily work and the results of examinations. Examinations may be written, oral or practical and they may be held either at the completion of each course or at the end of the academic year. The quality of the work of each student is considered, usually at the end of each trimester, by a committee composed of the instructors responsible for his more important courses.

Students who fail in two major courses at any time during their medical course year or fail a reexamination in a major course may be required to withdraw from the school. Students who have had no reported failures may be required to withdraw from the school if their work has been of a generally unsatisfactory quality. Students may be given credit for a subject by reexamination, but failures remain on their records, and may be counted as a cause for requesting withdrawal, provided another failure in a major course occurs.

Major Courses are as follows:

First Year.—Gross Anatomy, Histology, Biochemistry and Physiology.

Second Year.—Bacteriology, Pathology, Pharmacology, Physical Diagnosis, Clinical Pathology, and Parasitic Diseases.

Third Year.—Medicine, Surgery, Surgical Pathology, Pediatrics and Obstetrics.

Fourth Year.—Medicine, Surgery, Preventive Medicine and Public Health, Pediatrics, Gynecology and Psychiatry.

No grades regarding their relative scholastic standing are given to students. Students will be notified whenever the Committee on Promotion considers their work of poor quality, thus serving notice of the necessity for greater effort in order to carry the work of the School.

Any student who indicates by his work or his conduct that he is unfit for the practice of medicine may at the discretion of the Executive Faculty be requested to withdraw from the school at any time.

Any student who fails to pass a course will ordinarily be required to remove the failure before being permitted to enter the courses of the next academic year.

BASIC SCIENCE EXAMINATIONS

About twenty states now require examinations on the basic science subjects (anatomy, bacteriology, chemistry, pathology and physiology) as a preliminary to medical licensing examinations. Since the various states are not uniform in their requirements, a considerable impediment to movement of physicians from state to state by reciprocity is created. Each student is urged to take the basic science examinations as soon as he is qualified to do so unless he is sure that he will confine his practice to a state not requiring such examinations.

ELECTIVE WORK

Students are urged to take elective work including research problems. Such opportunities will be readily available in all departments and will be made by special arrangement.

REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years and be of good moral character. They must have spent at least four years of study as matriculated medical students, the last two of which must have been in this School. They must have satisfactorily completed all the required courses of the medical curriculum, have passed all prescribed examinations, and be free of indebtedness to the University. At the end of the fourth year every student who has fulfilled these requirements will be recommended for the degree of Doctor of Medicine.

FEES AND EXPENSES

Application Fee (To accompany Application Form).....	\$ 5.00
Tuition Fee for the Academic Year.....	800.00
This fee is payable in equal installments, at the beginning of each term.	
An arrearage in tuition for any session must be paid before admission to the succeeding session.	
Contingent Fee.....	10.00
This fee covers breakage of apparatus and damage to buildings, and will be returned, less the charges, at the close of each academic year.	
Diploma Fee, charged to Graduating Students, payable during the third trimester.....	5.00
Rental fee for cap, gown and hood, charged to graduating students, payable during the third trimester.....	7.45

First-year medical students, who are also senior in absentia students at Vanderbilt University, are required by the College of Arts and Science of Vanderbilt to pay a \$30 senior in absentia fee.

Students who register for the regular courses in this Medical School must pay the full tuition each year. There will be no exception to this requirement.

Graduate students who enroll in regular courses in the medical curriculum for credit toward an academic degree will, if they later become candidates for the Doctor of Medicine degree, be required to pay the full tuition as indicated above.

The average annual expenses of a student in the School of Medicine, exclusive of clothes and incidentals but including living accommodations (q.v.), are estimated as amounting to approximately \$1,200 to \$1,400.

MICROSCOPES, BOOKS, APPARATUS, ETC.

Each student is required to possess a standard, four objective microscope, equipped with a substage light. In order to aid the first-year students in purchasing a microscope, the School of Medicine will advance three-quarters of the purchase price, to be repaid in three equal installments, payable during their second, third and fourth years.

The necessary or desirable books cost about \$50 a year. All purchases made at the Vanderbilt Book Store are on a cash basis.

All students are required to provide themselves with hemocytometers, hemoglobinometers and ophthalmoscopes before beginning of the second trimester of the second year.

Students are required also to provide and to wear clean white laboratory coats.

No rebate of tuition fees can be obtained for absence, except in cases of illness certified by a physician.

Students who withdraw from the University for any reason or who are dismissed or requested to withdraw by the faculty after the beginning of a term, may not claim and are not entitled to any return or repayment of tuition, fees, room rent or any other regular charges or assessments, and the University will not be liable for the return or refund of same.

LIVING ACCOMMODATIONS

The residence halls at Vanderbilt are an integral part of the educational facilities of the University. The University believes that by providing the best possible living accommodations and adequate supervision, each student will have the opportunity to grow and develop his potentialities as an individual and as a citizen of his community. The residence hall is a center for dynamic education, for group participation, and for individual adjustment to university life. Every effort is made to create an atmosphere of respect for others and of pride in surroundings, to foster stable standards of conduct, and to provide for harmonious group life.

Students are not received for less time than one term, and the charge for one week in the same as for the whole term.¹ Students who withdraw from the University for any reason or who are dismissed or requested to withdraw by the faculty after the beginning of a term, may not claim and are not entitled to any return or repayment of room rent or any other regular charges or assessments, and the University will not be liable for the return or refund of same.

¹Rental charges are made by the term, which is one third of the regular school year. Any student in the Medical School not returning at the end of the first semester will be entitled to a pro rata refund on rental charges made for the second term.

ROOMS FOR MEN

A room may be reserved by application to the office of the Dean of Students. A room reservation deposit of \$15.00 is customarily required at the time of reservation. This reservation may be cancelled and deposit recovered only if written application is received one month prior to the opening of the term for which reservation is made.

Rooms may be occupied on the day before the opening of the session and through the last day of the term. Plain furniture is provided by the University. The occupant is responsible for the condition of furniture and room and is charged with all damage.

Single and double rooms are available to students in the graduate and professional schools in Wesley Hall, at 415 25th Avenue, South, and at 2317 West End. Residents furnish their own sheets, pillow cases, blankets, and towels. All rent is payable in advance by the term at the office of the Bursar.

Wesley Hall—This hall is located adjacent to the east side of the campus. Both single and double rooms are available in this building. The rates for single rooms are \$50.00 and \$55.50 per person per term; rates for double rooms range from \$47.50 to \$65.00 per person per term.

415 25th Avenue, South—This residence is located about two blocks west of the School of Medicine and provides both single and double rooms. The rental rate is \$50.00 to \$60.00 per person per term.

West End—This residence, located on the southwest corner of the campus, is available for the housing of medical students. Both single and double rooms are available. The rental rate is \$50.00 per person per term.

ROOMS FOR FAMILIES

A limited number of efficiency apartments are available for married students who are veterans. Applications may be made in the office of the Dean of Students. Assignments are made on a priority basis by the term. It is understood when assignments are made that an assignee is eligible for occupancy only while enrolled as a student, and that the apartment will be vacated within one week after the occupant ceases to be a student. All residents are requested and expected to give thirty (30) days notice of intention to vacate. The University reserves the right to require occupants to vacate the apartment at any time and for any reason, a reasonable notice having been given.

Garland Apartments—Located at 2123 Garland Avenue near the south entrance to the campus, this group of buildings has two types of apartments, the basic and the expanded. The former includes a combination living-sleeping room, a dining-kitchen alcove, a shower bath, and a closet. The expanded unit has an additional bedroom. Fuel for unit heating, cooking, and hot water, electricity for lighting, and the use of furniture are included in the rental prices of \$40.00 and \$50.00 per month, payable in advance.

Highland Apartments—The temporary family housing provided in cooperation with the Federal Public Housing Authority is located on Twenty-fifth Avenue, South, at Highland Avenue near the campus. Apartments with one bedroom rent for \$32.00 per month, those with two bedrooms for \$36.00 per month, payable in advance. The use of furniture, as well as fuel for unit heating, cooking, and hot water, is included in the rental price. The occupant makes his own arrangements with the Nashville Electric Service for electricity for lighting.

In so far as possible students will be assigned to the rooms and apartments that are under University management. A list of rooms and apartments located in the vicinity of the University is maintained in the office of the Dean of Students for those who cannot be accommodated in University housing.

UNIVERSITY DINING FACILITIES

Men students are advised to have their meals in the University Dining Room, located in Kissam Hall, where board is available either by the meal or by the term at reasonable rates. Students are advised to engage board by the term. This may be done at the Bursar's office.

A cafeteria is maintained by the University Hospital and is available to medical students. It is conveniently located in the Hospital building.

A light lunch and canteen service is maintained in the Student Center cafe in Alumni Memorial Hall, as well as at the University Bookstore.

MEDICAL FRATERNITIES

There are two medical fraternities with chapters at Vanderbilt, Alpha Kappa Kappa and Phi Chi. A large number of the men enjoy the advantages of living together in these fraternity houses. They meet the same standards of inspection that are required of the University's housing arrangements. Room and board in these houses is around \$40 per month.

HONORS AND ORGANIZATIONS

Founder's Medal—This medal is awarded to the student in the graduating class of each School of the University who has attained the highest average standing in scholarship throughout the four consecutive years of study.

American Academy of Dental Medicine Award.—Established to further the correlation of dentistry and medicine and awarded to the fourth-year student showing the highest degree of interest and proficiency in dental medicine.

The Beauchamp Scholarship—This scholarship, founded by Mrs. John A. Beauchamp in memory of her husband who was for many years Superintendent of the Central State Hospital for the Insane at Nashville, is awarded to the student showing greatest progress in neurology and psychiatry and who is otherwise worthy and deserving.

The Ike J. Kuhn Scholarship, provided by a bequest from the will of Mr. Ike J. Kuhn, is awarded in the School of Medicine to a worthy boy or girl born and reared in any of the states commonly known as the "Southern States." The recipient is selected by the Dean of the School of Medicine and the Registrar of Vanderbilt University.

THE G. CANBY ROBINSON AWARD (LASKER FOUNDATION)

Mrs. Albert D. Lasker of the Albert and Mary Lasker Foundation provides a prize of \$250.00 designated The G. Canby Robinson Award (Lasker Foundation) for the best clinical history recorded by a third-year student. It has been agreed that these histories will be restricted to internal medicine and psychiatry and that the award will be announced by the Chancellor at the commencement exercises.

PFIZER SCHOLARSHIP FUND FOR MEDICAL STUDENTS

This fund was established in 1952 by the Charles Pfizer and Company, Inc. It consists of \$1,000 to be made available on the recommendation of the Dean as either loans or scholarships to no more than three medical students. The Company plans to renew this fund each year.

THE LESLIE WARNER MEMORIAL FUND FOR THE STUDY AND TREATMENT OF CANCER

This fund was established in 1932 in memory of Leslie Warner of Nashville, Tennessee. It consists of \$7,200, of which \$3,600 was contributed by the nieces and nephews of Mrs. Leslie Warner.

THE RACHAEL CARPENTER MEMORIAL FUND

This fund was established in 1933 by a gift of \$5,000 from Mrs. Mary Boyd Carpenter of Nashville. The income derived from this fund is to be used for education in the field of tuberculosis.

THE JACK FIES MEMORIAL FUND

The sum of \$5,000 was given to Vanderbilt University by Mrs. Hazel H. Hirsch as a memorial to her son, Jack Fies, the income from which is to be used to support research in the important field of neurological surgery. It is hoped that subsequent donations may be made by those who may be interested in creating a larger fund for this phase of research.

THE JOHN B. HOWE FUNDS FOR RESEARCH

In January, 1946, the members of the family of the late John B. Howe established two funds in the University to be known as the John B. Howe Fund for Research in Neurosurgery and the John B. Howe Fund for Research in Medicine. The expenditures from the funds for neurosurgery and medicine are administered through the Department of Surgery and the Department of Medicine.

THE BORDEN UNDERGRADUATE RESEARCH AWARD IN MEDICINE

Established in 1945 by the Borden Company Foundation, Inc., this award provides annually \$500 for each of ten calendar years to the person in the graduating class of the School of Medicine who during any year while enrolled in the School has carried out the most meritorious undergraduate research in the medical field. All persons in the graduating class are eligible. The award shall be presented at the time of graduation of the recipient. Originality and thoroughness of research shall be of primary consideration. Candidates for the award should apply for consideration to the Dean of the School of Medicine.

DR. COBB PILCHER—WILLIAM HENRY HOWE FELLOWSHIP
IN NEUROSURGERY

In December 1945, the William Henry Howe Fellowship in Neurosurgery was established in the School of Medicine of Vanderbilt University. This Fellowship was made available to the University by the late Dr. Pilcher and has been continued by the generosity of his family and friends.

ALPHA OMEGA ALPHA

A chapter of this Medical Honor Society was established by charter in the School of Medicine in 1923. Not more than one-fifth of the students of the senior class are eligible for membership and only one half of the number of eligible students may be selected to membership during the last half of their third year. This Society has for its purpose the development of high standards of personal conduct and scholarship, and the encouragement of the spirit of medical research. Students are elected into membership on the basis of their scholarship, character and originality.

The Society invites a scientist of prominence each year to deliver a lecture before the students, faculty, and local members of the medical profession. The first lecture was given during the school year 1926-1927 and the lectures for each year are as follows:

- 1926-1927 Dr. W. A. Evans, Professor of Sanitary Science, Northwestern University School of Medicine
- 1927-1928 No lecturer
- 1928-1929 Dr. William W. Root, Founder and Secretary of Alpha Omega Alpha
- 1929-1930 Dr. Joseph C. Bloodgood, Associate Professor of Surgery, Johns Hopkins University School of Medicine
- 1930-1931 Dr. George R. Minot, Professor of Medicine, Harvard University School of Medicine
- 1931-1932 No lecturer
- 1932-1933 Dr. W. B. Cannon, Professor of Physiology, Harvard University School of Medicine
- 1933-1934 Dr. Sam Harvey, Professor of Surgery, Yale University School of Medicine
- 1934-1935 Dr. Louis Hammon, Associate Professor of Medicine, Johns Hopkins University School of Medicine
- 1935-1936 Dr. David Barr, Professor of Medicine, Washington University School of Medicine
- 1936-1937 Dr. Walter C. Alvarez, Professor of Medicine, The Mayo Foundation, University of Minnesota
- 1937-1938 Dr. Edwards A. Park, Professor of Pediatrics, Johns Hopkins University School of Medicine
- 1938-1939 Dr. W. H. Howell, Director Emeritus, Johns Hopkins University School of Hygiene
- 1939-1940 Dr. E. K. Marshall, Jr., Professor of Pharmacology and Experimental Therapeutics, Johns Hopkins University School of Medicine

- 1940-1941 Dr. Henrik Dam, Biological Institute, University of Copenhagen, Denmark
- 1941-1942 Dr. Fuller Albright, Associate Professor of Medicine, Harvard University School of Medicine
- 1942-1943 Dr. J. H. Means, Jackson Professor of Clinical Medicine, Harvard University School of Medicine
- 1943-1944 There were two lectures during this period:
Dr. Warren H. Cole, Professor of Surgery, University of Illinois College of Medicine, and Dr. Walter C. Alvarez, Professor of Medicine, University of Minnesota, and head of Division of Medicine, Mayo Clinic
- 1944-1945 Dr. William Dock, Professor of Medicine, Long Island Medical College, Brooklyn, New York
- 1945-1946 Dr. Daniel C. Elkin, Professor of Surgery, Emory University School of Medicine
- 1946-1947 Dr. Leslie B. Arey, Rea Professor of Anatomy, Northwestern University Medical School
- 1947-1948 Dr. C. Sidney Burwell, Research Professor of Clinical Medicine and Dean of Harvard Medical School
- 1948-1949 Dr. Arnold R. Rich, Professor of Pathology, Johns Hopkins University Medical School
- 1949-1950 Dr. L. H. Newburgh, Professor of Clinical Investigation, Department of Medicine, University of Michigan Medical School
- 1950-1951 Dr. Franz Alexander, Director of the Chicago Institute for Psychoanalysis
- 1951-1952 Dr. Edwin P. Lehman, Professor of Surgery, University of Virginia Department of Medicine

THE ABRAHAM FLEXNER LECTURESHIP

Announcement was made in the fall of 1927 that Mr. Bernard Flexner of New York City had given fifty thousand dollars to Vanderbilt University for the purpose of establishing the Abraham Flexner Lectureship in the School of Medicine. This Lectureship is awarded every two years to a scientist of outstanding attainments, who shall spend as much as two months in residence in association either with a department of a fundamental science or of a clinical branch. This Lectureship may also be given to one who has specialized in some science fundamental in the study of medicine.

The first series of lectures was given in the autumn of 1928, by Dr. Heinrich Poll, Director of the Institute of Anatomy of the University of Hamburg, Germany.

The second series of lectures was given in the spring of 1931, by Sir William B. Hardy, Director of the Low Temperature Research Station at Cambridge University, England.

The third series of lectures was given in the winter of 1933 by Dr. Francis R. Fraser, Director of the Medical Unit and Professor of Medicine at the St. Bartholomew Hospital and Medical School, London, England.

The fourth series of lectures was given in the spring of 1935 by Dr. Erik Gunnar Nystrom, Professor of Surgery at the University of Uppsala, Sweden.

The fifth series of lectures was given in the spring of 1937 by Dr. Thorvald Madsen, Director of the State Serum Institute of Denmark.

The sixth series of lectures was given in the spring of 1939 by Dr. Albert Szent-Gyorgyi, Professor of Medical Chemistry and Director of the Institute for Medical Chemistry in the Royal Hungarian Franz Joseph's University, Szeged, Hungary.

The Abraham Flexner Lectures were not given during the session 1940-1941 because of war conditions.

The seventh series of lectures was given in the spring of 1942 by Dr. Donald D. Van Slyke, member of the Rockefeller Institute and Dr. Warfield T. Longcope, Professor of Medicine, Johns Hopkins School of Medicine.

The eighth series of lectures was given in the spring of 1945. These lectures in physiology were given as follows:

April 6, 1945 by Dr. H. J. Curtis, Assistant Professor of Physiology, Columbia University.

April 16, 1945 by Dr. Oliver H. Lowery of the William Hallock Laboratory, New York.

April 20, 1945 by Dr. Robert F. Pitts, Associate Professor of Physiology, Cornell University Medical College.

April 30, 1945 by Dr. H. A. Blair, Associate Professor of Physiology, University of Rochester School of Medicine and Dentistry.

The ninth series of lectures was given in the spring of 1947 by Sir Edward Mellanby, Secretary of the British Research Council and Chairman, International Technical Commission on Nutrition.

The tenth series of lectures was given in the spring of 1949 by Dr. Arvid Wallgren, Professor of Pediatrics, Royal Caroline Medical Institute, Stockholm, Sweden.

The eleventh series of lectures was given in the fall of 1951 by Dr. Hans Ludwig Kottmeier, Chief of Gynecological Section at the Radiumhemmet, Stockholm, Sweden.

THE HAGGARD MEMORIAL LECTURE

The Haggard Memorial Lecture was established in 1940 by the Nashville chapter of the Alpha Kappa Kappa Medical Fraternity in honor of Dr. William D. Haggard who was a distinguished member of the Fraternity. This lecture is given under the auspices of the faculty of the School of Medicine. Each year a lecturer of prominence is selected, and the lecture is open to the medical students, faculty, and local members of the medical profession. The lecturers have been:

- 1940-1941 Dr. Mont R. Reid, Professor of Surgery, University of Cincinnati
- 1941-1942 Dr. Alton Ochsner, Professor of Surgery, Tulane University School of Medicine
- 1942-1943 Dr. Ernest Sachs, Professor of Clinical Neurological Surgery, Washington University School of Medicine
- 1943-1944 Dr. Tinsley R. Harrison, Professor of Medicine, Bowman Gray School of Medicine, Wake Forest College
Dr. Alfred Blalock, Professor of Surgery, Johns Hopkins University
- 1944-1945 Dr. Rustin McIntosh, Professor of Pediatrics, Columbia University College of Physicians and Surgeons
- 1945-1946 Dr. William J. Dieckmann, Professor of Obstetrics and Gynecology, University of Chicago
- 1946-1947 Dr. Cecil Watson, Professor of Medicine, University of Minnesota
- 1947-1948 No lecturer
- 1948-1949 Dr. John B. Youmans, Dean of School of Medicine, University of Illinois
- 1949-1950 Dr. Osler A. Abbott, Chief of Thoracic Surgery, Emory University School of Medicine
- 1950-1951 Dr. Waldo E. Nelson, Professor of Pediatrics, Temple University
- 1951-1952 Dr. Carl Moyer, Professor of Surgery, Washington University

GLENN A. MILLIKAN MEMORIAL LECTURE

This lectureship was established in 1947 by the members of the then second-year class. It has subsequently received support by means of a capital fund by Dr. Glenn Millikan's father and mother, Dr. Robert A. Millikan and Mrs. Greta B. Millikan, and friends. Contributions will continue to be made to the fund by members of the founding class and other students.

The lectureship is maintained to provide annually or at stated periods a distinguished lecturer in physiology.

The first Glenn A. Millikan Memorial Lecture was given in 1948 by Dr. Homer W. Smith of New York University. The second lecture (1949) was given by Dr. Detlev W. Bronk of Johns Hopkins University. The third lecture (1950) was given by Dr. Wallace O. Fenn, Professor of Physiology, University of Rochester. The fourth lecture (1951) was given by Dr. Jay Tepperman, Department of Pharmacology, Syracuse University. The fifth lecture (1952) was given by Dr. Tinsley R. Harrison, Professor of Medicine, The Medical College of Alabama.

THE COBB PILCHER MEMORIAL LECTURE

In 1950 the Pi Chapter of the Phi Chi Medical Fraternity established the Cobb Pilcher Memorial Lecture to honor the memory of Dr. Pilcher, formerly Associate Professor of Surgery, distinguished neurosurgeon and a member of the fraternity. The first Cobb Pilcher Memorial Lecture was given in 1950 by Dr. Percival Bailey of the University of Illinois, College of Medicine. The second lecture was given in 1951 by Dr. Gustaf E. Lindskog, Professor of Surgery, Yale Medical School. The third lecture was given in 1952 by Dr. Marshall Bruer, Chairman, Medical Division, Oak Ridge Institute of Nuclear Studies.

THE VANDERBILT MEDICAL SOCIETY

The Medical Society holds regular monthly meetings throughout the academic year, on the first Friday of each month at 8 P.M. in the Medical School amphitheater. At these meetings papers are presented by the teaching staff, representing the research that is being carried on in the various departments. Patients presenting interesting and unusual conditions are also demonstrated. These meetings are open to students of the School and to the medical profession of the community.

The officers of the Vanderbilt Medical Society for 1951-1952 are Dr. Rollin A. Daniel, Jr., President, and Dr. Milton T. Bush, Secretary.

HONOR SYSTEM

All examination work in this University is conducted under the Honor System.

For the successful operation of the Honor System the cooperation of every student is essential. It is the duty of each student to show

his appreciation of the trust reposed in him under this system, not alone by his own conduct, but by insisting on the absolute honesty of others in his class. For the purpose of investigating cases of violation of this system, there exists a Student Honor Committee.

STUDENT HEALTH SERVICE

All members of the first-year class and all students transferring from other institutions are required to undergo a thorough physical examination within two weeks after the date of admission. This examination is made by the staff of the University Student Health Service. Records of these examinations are kept, and students are advised concerning their physical condition and general health. Facilities of the Student Health Service are available to any student who feels in anyway indisposed. Thomas B. Zerfoss, M.D., is physician to the students.

The facilities of the gymnasium in Wesley Hall, which include swimming, handball, basketball, tennis, physical exercises, etc., are available to medical students. A fee of \$5 a trimester is charged by the University, \$3.25 to be paid by the student and the balance by the School of Medicine.

GENERAL PLAN OF INSTRUCTION

The first academic year is divided into two semesters of sixteen weeks each. The second year is divided into three trimesters of eleven weeks each and the third and fourth years into four quarters of eleven weeks each. During the third and fourth years the students are responsible for recording the thorough study of patients assigned to them. Since the Hospital operates on a twelve month basis it is appropriate for the students in their clinical years to make full use of the educational opportunities of the Hospital. For this reason the schedule is arranged to allow the students a total of eight weeks vacation during each year.

Individual work on the part of the students is encouraged throughout the four years and definite allotments of time are available each year for that work.

Although there is no sharp demarcation in the curriculum between the laboratory and the clinical courses, the first year and the greater part of the second year are taken up in the study of the medical sciences—*anatomy, biological chemistry, physiology, bacteriology, pathology and pharmacology.*

The introduction of students to the thorough and complete study of individual patients receives particular emphasis during the third trimester of the second year and first quarter of the third year. During the third trimester of the second year all of the clinical departments cooperate in giving the students an introduction to history taking, physical examinations, and laboratory study of patients through a series of lectures, demonstrations, and individual practice on the part of the student. During the first quarter of the third year the students receive instruction and practice as clinical clerks through the study of a small number of patients on the hospital wards.

During the second, third and fourth quarters of the third year the students continue as clinical clerks and are assigned in small groups to the various services in the Hospital where they become junior members of the team studying problems and progress of patients.

During all four quarters of the fourth year the students are assigned to individual ambulatory patients. They follow the patients in whatever special clinics they attend and see them by appointment whenever they return to the Hospital. In this way the students follow the progress of a number of patients for a period of many months.

Various aspects of the prevention of disease and disability are emphasized throughout the entire medical curriculum. This is accomplished largely through the attitude of the whole faculty. In addition there are courses in preventive medicine and public health in the fourth year.

An approach in medicine is stressed which recognizes the human aspects of illness and the patient as a person and a member of a family unit. Emphasis is placed on developing within students an attitude toward patients which includes understanding the emotional and environmental forces which affect health and are often significant in the prevention, diagnosis and treatment of illness. To this end each student, during his first year, is assigned a family in the Out-patient Service which he follows throughout his four years. This provides for direct observation of the family in its own environment and of the effect of illness on the family. The student visits his family once a month and receives individual consultation from a medical instructor and a social worker. Significant factors in different family situations are shared in class and seminar discussions when students present their cases. Students are given an understanding of the dynamics of the physician-patient relationship and of the responsibilities inherent in this interpersonal relationship.

Also during the fourth year the senior members of the faculty and certain guest lecturers give a series of lectures on the social responsibility of a physician.

COURSES OFFERED TO CANDIDATES FOR GRADUATE DEGREES

Candidates registered for Graduate Instruction in the University for the degree of Master of Science or of Doctor of Philosophy may pursue work in the Medical Sciences given in the Medical School, either in regular courses or in special elective courses, provided such students are accepted by the heads of departments concerned. Graduate work in the Medical Sciences is regulated by the faculty of the Graduate School of the University. Candidates for graduate degrees should apply to the Dean of the Graduate School.

Candidates for the degree of Master of Science in Audiology and Speech may pursue work in these fields in the Institute of Hearing. Graduate work in this division is regulated by the faculty of the School of Medicine. Candidates for graduate degrees should apply to the Medical School.

COURSES OF INSTRUCTION

Courses that are numbered 420 or above may be taken under conditions stated on page 67 as meeting part of the requirements for a graduate degree. Numbering coincides with that in the Graduate School bulletin.

ANATOMY

SAM L. CLARK, *Professor of Anatomy and Head of the Department*

JAMES W. WARD, *Associate Professor of Anatomy*

MARY E. GRAY, *Assistant Professor of Anatomy*

VIRGIL S. LEQUIRE, *Assistant Professor of Anatomy*

NATHANIEL SEHORN SHOFNER, *Assistant Professor of Anatomy*

DON L. EYLER, *Instructor in Anatomy*

L. H. MONTGOMERY, *Research Assistant in Anatomy.*

Courses of instruction are provided in histology, neurology and gross human anatomy, and opportunities are offered for advanced work and investigation in these sciences.

Physicians and properly qualified students, not candidates for the medical degree, may be admitted to any of the courses by special arrangements with the instructors and may undertake advanced work and original research.

421. GROSS ANATOMY.—This course is devoted to a systematic dissection of the human body. The instruction is largely individual and the work of the student is made as independent as possible. Twenty-seven hours a week during the first semester of the first year. Dr. Ward and Staff.

422. HISTOLOGY.—This course is devoted to giving the student a familiarity with the normal structure of the principal tissues and organs of the body. Fresh tissues are used wherever possible for the demonstration of normal cellular function, and students are taught the use of stains in analyzing the characteristics of particular cells. Twelve hours a week during the first trimester of the first year. Dr. Clark, Dr. Gray, and Dr. LeQUIRE.

423. NEUROLOGY.—The histological aspect of the nervous system, including the structure of nerve cells, fibers and endings, the histology and pathways of the spinal cord, the structure and connections of cerebrospinal and autonomic nerves and ganglia, and the histology of the organs of special sense. Twelve hours a week for five weeks at the end of the first semester of the first year. Dr. Clark, Dr. Gray and Dr. LeQUIRE.

524. *ADVANCED NEUROLOGY*.—Using the work of the first year as a basis, an intensive study of the relations, structure and function of the various parts of the central nervous system is made with the aid of gross specimens and dissections, serial sections of brain stems and experimental demonstrations and seminars. The lectures are a guide to the laboratory work and present the type of evidence on which the present conceptions of the nervous system are based. Eight hours a week during the second trimester of the second year. Dr. Ward, Dr. Clark, and Dr. Gray.

527. *Experimental Methods in Neurology*.—Conferences and research upon special phases of the structure and function of the nervous system. This course is designed to meet the needs of students desiring special training in neurology. Hours and credit by arrangement. Dr. Clark and Dr. Ward.

528. *Experimental Methods in Hematology*.—Research and conferences in the application of the newer methods in the study of blood. Experimental work concerning the origin and function of the different blood cells and their interrelationships. Hours and credit by arrangement. Dr. Gray.

550. *Research*.—Facilities for research will be provided to adequately prepared students who show special aptitude or who are candidates for advanced degrees. Hours and credit by arrangement. Dr. Clark and Staff.

BIOCHEMISTRY

WILLIAM J. DARBY, *Professor of Biochemistry and Head of the Department, and Director of Division of Nutrition*

CHARLES SUMMERS ROBINSON, *Professor Emeritus of Biochemistry*

J. M. JOHLIN, *Associate Professor Emeritus of Biochemistry*

ANN STONE MINOT, *Associate Professor of Biochemistry (Director of the Clinical Chemical Laboratory)*

FRANK R. BLOOD, *Associate Professor of Biochemistry*

JOHN G. CONIGLIO, *Assistant Professor of Biochemistry*

WALTER S. McNUTT, *Assistant Professor of Biochemistry*

OSCAR TOUSTER, *Assistant Professor of Biochemistry*

*NORMAN S. OLSEN, *Assistant Professor of Biochemistry*

*GUILFORD G. RUDOLPH, *Assistant Professor of Biochemistry*

*Serve part time in the Department.

DOROTHY JEAN BUCHANAN, *Instructor in Biochemistry*

KENNETH F. ITSCHNER, *Instructor in Biochemistry*

WILLIAM N. PEARSON, *Instructor in Biochemistry*

*DORIS H. CLOUET, *Instructor in Biochemistry*

*JANET L. STONE, *Instructor in Biochemistry*

*ROBERT G. TUCKER, *Instructor in Biochemistry*

EILEEN BRODOVSKY, *Assistant in Biochemistry*

CHARLES L. DODGEN, *Assistant in Biochemistry*

WILLARD FAULKNER, *Assistant in Biochemistry*

MARY ELLEN FERGUSON, *Assistant in Biochemistry*

ROBERT H. McCLUER, *Assistant in Biochemistry*

421. *BIOCHEMISTRY*.—This is a lecture course which includes a review of physical and organic chemistry as applied to the study of body processes. The chemical aspects of digestion, metabolism, respiration, etc., are discussed.

422. *LABORATORY WORK IN BIOCHEMISTRY*.—This course is designed to accompany course 421. Together they satisfy the requirements for the medical course. 16 hours a week for 16 weeks during second semester of the first year. Dr. Darby and Staff.

429. *Clinical Biochemistry*.—This course considers the application of biochemical principles to the diagnosis of disease and the treatment of patients. Open to third and fourth year students as an elective. Dr. Minot.

523. *Special Problems and Experimental Techniques*.—Open to a limited number of properly qualified students. Admission to course, hours and credit by arrangement. Staff. Among the fields of interest available are: (a) The use of radioactive tracers in metabolism, Dr. Coniglio; (b) The metabolism of nucleosides and nucleotides, Dr. McNutt; (c) The synthesis and metabolism of carbohydrates and amino acids, Dr. Touster.

525. *Micro Physiologic Techniques in Biochemistry*.—A course designed to give experience in the application of micro techniques of mammalian physiology to biochemistry. Lectures and laboratory. Prerequisites: a laboratory course in biochemistry; hours and credit by arrangement. Alternate fall terms. Dr. Blood.

526. *Bio-Organic Chemistry*.—Lectures and discussion on the isolation, structural chemistry, and synthesis of biochemically important substances and on the relation of structure to biological activity.

*Serve part time in the Department.

Prerequisite: Chemistry 422 or permission of the instructor. 3 lectures one term (3). To be offered on alternate years with 531. Fall, Dr. Touster.

527. *Seminar in Biochemical Literature*.—Admission to course by arrangement. Monday at 4:00 p.m., fall, winter and spring terms. (1) Staff.

528. *Fundamentals of Human Nutrition*.—This course presents the biochemical and physiologic basis of nutrition with especial emphasis upon the human. Lectures and assigned readings. Two lectures per week during the third term. M. F., 11:00 a.m. Dr. Darby and Staff of the Division of Nutrition.

530. *Advanced Pathological Chemistry*.—Lectures and Seminar on Recent Developments in Biochemistry in Relation to Medicine. Open by arrangement to third and fourth-year students as elective work. Dr. Minot.

531. *Fundamentals of Biochemistry*.—A basic course for students in the biological sciences. Prerequisite: Chemistry 421 or equivalent. 3 lectures and one three-hour laboratory period (4). To be offered on alternate years with 526. Dr. Touster.

532. *Methods of Analysis of Vitamins*.—A laboratory course designed to present examples of methods of vitamin assays. Laboratory, discussions, and assigned readings. This course may profitably be taken in conjunction with 528. Admission by arrangement. Credit, 1-3 hours. Alternate spring terms. Dr. Darby and Staff of the Division of Nutrition.

550. *Research Work in Biochemistry*.—Admission to course, hours and credit by arrangement. Staff.

PHYSIOLOGY

CHARLES R. PARK, *Professor of Physiology and Head of the Department*

CHARLES E. KING, *Professor of Physiology*

H. C. MENG, *Assistant Professor of Physiology*

ROBERT L. POST, *Instructor in Physiology*

521. *PHYSIOLOGY*.—This course consists of lectures, conferences and laboratory work designed to cover the essentials in Physiology for first-year medical students. It, or its equivalent, is also required of all graduate students majoring in Physiology. Tuesday, Thursday and Saturday morning during the second semester (12). Dr. Park and Staff.

522. *Physiological Techniques and Preparation*.—Hours and credit by arrangement. Dr. Park and Staff.

523. *Advanced Physiology*.—This course deals with special topics in Physiology and consists of laboratory work and conferences. Open to students who have had course 521 or its equivalent. Offered during the fall trimester. Credit and hours by arrangement. Dr. Park and Staff.

550. *Research*.—Facilities for research can be provided for a limited number of adequately prepared students. Hours and credit by arrangement. Dr. Park and Staff.

PATHOLOGY

ERNEST W. GOODPASTURE, *Professor of Pathology and Head of the Department*

JOHN L. SHAPIRO, *Assistant Professor of Pathology*

WILLIAM A. DEMONBREUN, *Associate Professor of Clinical Pathology*

STEWART AUERBACH, *Associate Professor of Clinical Pathology*

DAVID K. GOTWALD, *Assistant Professor of Clinical Pathology*

FRANK C. WOMACK, *Instructor in Pathology*

JOHN B. THOMISON, *Instructor in Pathology*

WILLIAM J. CHEATHAM, *Instructor in Pathology*

JOHN S. DUNN, *Assistant in Pathology*

JEFFERSON C. PENNINGTON, JR., *Assistant in Pathology*

MARCUS J. ZBAR, *Assistant in Pathology*

521. GENERAL AND SPECIAL PATHOLOGY.—Various phases of general and special pathology are presented by lectures, demonstrations, discussions and laboratory work. Both the gross and the microscopic lesions characteristic of various diseases are studied and correlated. The class attends and may assist with the post mortem examinations performed during the year.

Seventeen hours of lectures and laboratory work a week during the first trimester and fifteen hours of lectures and laboratory work a week during the second trimester of the second year. Dr. Goodpasture, Dr. Shapiro and Staff.

22. CLINICAL PATHOLOGICAL CONFERENCES.—This is a weekly meeting of the third and fourth-year students, and members of the hospital staff at which the clinical aspects and diagnosis of fatal cases are

discussed, followed by an exposition and an explanation of the pathological changes that are discovered at autopsy.

One hour a week throughout the third and fourth years. Dr. Shapiro in conjunction with members of the clinical staff.

550. *Research*.—Opportunities for research are offered to properly qualified students. Hours and credit by arrangement.

Bacteriology

CHARLES C. RANDALL, *Associate Professor of Bacteriology, Director of the Division, and Director of Bacteriological Laboratory, Vanderbilt Hospital*

ROY C. AVERY, *Associate Professor of Bacteriology*

FRED W. RYDEN, *Instructor in Bacteriology*

524. BACTERIOLOGY.—The course in Bacteriology consists of lectures and laboratory work. The important bacterial, mycotic, and viral infections are considered from the standpoint of etiology, epidemiology, pathogenesis, immunology, and laboratory diagnosis.

Nineteen hours of lectures and laboratory work a week during the first trimester of the second year. Dr. Randall and Staff.

527. *Experimental Methods in Tissue Culture*.—This course will be given to qualified graduate students. Hours and credit by arrangement. Dr. Randall and Staff.

528. *Advanced Work on the General Principles of Immunology*.—This course consists of studies related to the fundamental principles of immunology. Hours and credit by arrangement. Dr. Randall and Staff.

550. *Research*.—Opportunities for research are offered to properly qualified students. Hours and credit by arrangement.

PHARMACOLOGY

MILTON T. BUSH, *Associate Professor of Pharmacology and Acting Head of the Department*

PAUL D. LAMSON, *Professor Emeritus of Pharmacology*

BENJAMIN H. ROBBINS, *Associate Professor of Pharmacology*

MARGARET E. GREIG, *Associate Professor of Pharmacology*

WILLIAM C. HOLLAND, *Assistant Professor of Pharmacology*

CLARA ELIZABETH DUNN, *Instructor in Pharmacology*

MARY KATHLEEN CARTER, *Research Assistant in Pharmacology*

THERESA RAINEY, *Research Assistant in Pharmacology*

521. PHARMACOLOGY.—The course in Pharmacology consists of a series of lectures in which the reaction of the human organism to chemical substances is taken up in a systematic manner, and typical reactions demonstrated by animal experiments. Laboratory exercises are given in which the student has an opportunity to become familiar with pharmacological technic. Four lectures and seven hours of laboratory work a week during the second trimester of the second year. Dr. Bush and Staff.

522. INTRODUCTION TO ENZYMOLOGY AND ITS APPLICATION TO PHARMACOLOGY.—Lectures and seminars will be held for students interested in acquiring a knowledge of some of the fundamentals involved in intermediary metabolism. These will include a study of the general properties of the enzymes required for carbohydrate, protein and fat metabolism as well as the mechanism of action of certain drugs affecting normal enzyme systems. Pathological conditions will also be considered. Two lectures a week during the second trimester. Hours to be arranged. Dr. Greig and Dr. Holland.

550. *Research*.—Opportunities for research are offered to those properly qualified who wish to carry out investigations and have sufficient time for such work. Hours and credit by arrangement. Dr. Bush and Staff.

PREVENTIVE MEDICINE AND PUBLIC HEALTH

ROBERT W. QUINN, *Professor of Preventive Medicine and Public Health and Head of the Department*

MARIAN E. RUSSELL, *Professor of Medical Social Service*

MARGARET BRANSFORD, *Associate Professor of Medical Social Service*

ALVIN E. KELLER, *Associate Professor of Preventive Medicine and Public Health*

MARGARET PEARL MARTIN, *Associate Professor of Preventive Medicine and Public Health*

R. H. HUTCHESON, *Assistant Professor of Preventive Medicine and Public Health*

MARY RAYTERMAN, *Assistant Professor of Psychiatric Social Service*

W. CARTER WILLIAMS, *Assistant Professor of Preventive Medicine and Public Health*

CON O. T. BALL, *Instructor in Biostatistics in Preventive Medicine and Public Health*

JAMES B. BLACK, *Instructor in Preventive Medicine and Public Health*

ROYDON S. GASS, *Instructor in Preventive Medicine and Public Health*

JOHN J. LENTZ, *Instructor in Preventive Medicine and Public Health*

MIRIAM MCHANEY, *Instructor in Psychiatric Social Service*

RUTH R. PUFFER, *Instructor in Preventive Medicine and Public Health*

FRED W. RYDEN, *Instructor in Preventive Medicine and Public Health*

ROBERT H. WHITE, *Instructor in Preventive Medicine and Public Health*
MONROE F. BROWN, *Assistant in Preventive Medicine and Public Health*
R. P. FARRELL, *Assistant in Preventive Medicine and Public Health*
WILLIAM B. FARRIS, *Assistant in Preventive Medicine and Public Health*
ROBERT M. FOOTE, *Assistant in Preventive Medicine and Public Health*
CARL L. SEBELIUS, *Assistant in Preventive Medicine and Public Health*
C. B. TUCKER, *Assistant in Preventive Medicine and Public Health*
T. V. WOODRING, *Assistant in Preventive Medicine and Public Health*
LOUIS D. ZEIDBERG, *Assistant in Preventive Medicine and Public Health*

Courses of instruction for undergraduates are provided in medical statistics, parasitic diseases, preventive medicine and public health practice, and elective work in biostatistics.

1. MEDICAL STATISTICS.—This course is designed to acquaint the student with the elements of statistical reasoning and their application to medical problems. Lectures consider methods of collection, tabulation and presentation of data. Errors to be avoided in interpreting such data are pointed out. Consideration is given to the elementary treatment of sampling variation and analysis of frequency distributions. The student is given an opportunity in the laboratory to apply the principles developed in the classroom discussions.

This course is given four hours each week, Thursday afternoon, during the first trimester of the second year. Dr. Martin and Staff.

A few lectures are given by members of the department on the epidemiology of selected infectious diseases in correlation with the course in bacteriology in the Department of Pathology.

522. PARASITIC DISEASES: DIAGNOSTIC LABORATORY METHODS, CLINICAL ASPECTS AND CONTROL MEASURES.—A course of lectures, demonstrations and laboratory exercises in which the animal parasites of man, their vectors and the diseases which they produce are studied. The biological activities of parasites are emphasized. Patients and case histories are used wherever possible; methods of treatment may be discussed, and prevention and control are stressed. Five hours a week during the second trimester of the second year.

Joint clinics may be held in conjunction with the Department of Medicine for the purpose of integrating the teaching of preventive and clinical medicine. These clinics have not been provided in formal schedule but may be held when patients are admitted to the Hospital suffering from such conditions as typhoid fever, malaria, undulant fever, endemic typhus fever, tularemia and lead poisoning.

3. PREVENTIVE MEDICINE: PRINCIPLES OF PUBLIC HEALTH AND EPIDEMIOLOGY.—A course of lectures intended to provide the student with the preventive point of view in the practice of medicine and also to acquaint him with the organized forces working for the advancement of public health.

The following subjects are among those considered: etiology, modes of transmission and methods of prevention and control of communicable diseases; biostatistics; maternal and infant hygiene; the venereal disease problem; the more common occupational diseases; the deficiency diseases; school hygiene; principles of housing; water supplies and sewage disposal. Clinical preventive medicine is emphasized in relation to cardiovascular diseases, diabetes, endocrinology, cancer, and the problems of geriatrics are presented. Stress is placed on principles involved in public health administrative practice in relation to the practitioner of medicine.

One lecture each week during the first, second and third trimesters of the fourth year. Dr. Quinn, Dr. Keller, Dr. Martin and Staff.

4. *Elective Courses in Biostatistics.*—The lectures and laboratory exercises are designed to supplement the material presented in the course in medical statistics with additional applications to specific medical problems, particularly those which arise in research work. It includes a discussion of discrete and continuous distributions of a single variable, methods of dealing with relationships between variables and further consideration of sampling theory. The problems chosen for discussion will be determined in considerable measure by the interests and needs of the students.

The number admitted to the course will be limited. Hours and credit by arrangement. Dr. Martin.

5. *Elective Work.*—The participation of a few selected fourth-year students will be welcomed in investigative work carried on by members of the Department. Hours and credits to be arranged.

MEDICINE

HUGH JACKSON MORGAN, *Professor of Medicine and Head of the Department*

ELLIOTT V. NEWMAN, *Joe and Morris Werthan Professor of Experimental Medicine*

JOHN B. YOUMANS, *Professor of Medicine*

RUDOLPH H. KAMPMEIER, *Associate Professor of Medicine*

ANN STONE MINOT, *Associate Professor of Biochemistry in Medicine*

- WILLIAM H. WITT, *Professor Emeritus of Clinical Medicine*
OVAL N. BRYAN, *Associate Professor of Clinical Medicine*
WILLIAM R. CATE, *Associate Professor of Clinical Medicine*
RICHARD FRANCE, *Associate Professor of Clinical Medicine*
HOLLIS E. JOHNSON, *Associate Professor of Clinical Medicine*
JOHN OWSLEY MANIER, *Associate Professor of Clinical Medicine*
SAMUEL S. RIVEN, *Associate Professor of Clinical Medicine*
W. DAVID STRAYHORN, *Associate Professor of Clinical Medicine*
CLARENCE S. THOMAS, *Associate Professor of Clinical Medicine*
ALBERT WEINSTEIN, *Associate Professor of Clinical Medicine*
JACK WITHERSPOON, *Associate Professor of Clinical Medicine*
ROBERT C. BERSON, *Assistant Professor of Medicine*
F. TREMAINE BILLINGS, *Assistant Professor of Medicine*
WILLIAM J. DARBY, *Assistant Professor of Medicine in Nutrition*
ROBERT CARL HARTMANN, *Assistant Professor of Medicine*
GEORGE R. MENEELY, *Assistant Professor of Medicine*
HAROLD R. SANDSTEAD, *Assistant Professor of Medicine*
HARRISON J. SHULL, *Assistant Professor of Medicine*
BEVERLY T. TOWERY, *Assistant Professor of Medicine*
THOMAS F. FRIST, *Assistant Professor of Clinical Medicine*
ROBERT A. GOODWIN, *Assistant Professor of Clinical Medicine*
J. ALLEN KENNEDY, *Assistant Professor of Clinical Medicine*
EDNA S. PENNINGTON, *Assistant Professor of Clinical Medicine*
ROBERT T. TERRY, *Assistant Professor of Clinical Medicine*
WILLIAM L. ALSOBROOK, *Instructor in Medicine*
THOMAS M. BLAKE, *Instructor in Medicine*
BEN V. BRANSCOMB, *Instructor in Medicine*
ROSS C. KORY, *Instructor in Medicine*
MORTON LEE PEARCE, *Instructor in Medicine*
THOMAS C. ARNOLD, JR., *Martha Washington Straus-Harry H. Straus
Instructor in Biophysics in Medicine*
CRAWFORD W. ADAMS, *Instructor in Clinical Medicine*
EDWIN B. ANDERSON, *Instructor in Clinical Medicine*
O. A. COUCH, JR., *Instructor in Clinical Medicine*
FREDERIC E. COWDEN, *Instructor in Clinical Medicine*
RAYMOND R. CROWE, *Instructor in Clinical Medicine*
ROBERT M. FINKS, *Instructor in Clinical Medicine*
LAURENCE A. GROSSMAN, *Instructor in Clinical Medicine*

MILTON GROSSMAN, *Instructor in Clinical Medicine*
DAVID W. HAILEY, *Instructor in Clinical Medicine*
AUBREY B. HARWELL, *Instructor in Clinical Medicine*
JOSIAH B. HIBBITTS, *Instructor in Clinical Medicine*
R. EARLE JONES, JR., *Instructor in Clinical Medicine*
ALVIN E. KELLER, *Instructor in Clinical Medicine*
PEIRCE M. ROSS, *Instructor in Clinical Medicine*
ADDISON B. SCOVILLE, JR., *Instructor in Clinical Medicine*
AMIE T. SIKES, *Instructor in Clinical Medicine*
LUTHER E. SMITH, *Instructor in Clinical Medicine*
HUGH STEVENS, *Instructor in Clinical Medicine*
EDWARD L. TARPLEY, *Instructor in Clinical Medicine*
JAMES N. THOMASSON, *Instructor in Clinical Medicine*
CLARENCE C. WOODCOCK, JR., *Instructor in Clinical Medicine*
JOHN LANIER WYATT, *Instructor in Clinical Medicine*
HUBERT H. BLAKEY, *Assistant in Medicine*
GEORGE H. L. DILLARD, *Assistant in Medicine*
THOMAS B. HALTOM, *Assistant in Medicine*
MINTER M. JACKSON, *Assistant in Medicine*
ROBERT J. LINN, *Assistant in Medicine*
ROBERT E. MABE, *Assistant in Medicine*
FRANCIS MENARD MURRAY, *Assistant in Medicine*
PHILIP S. NORMAN, *Assistant in Medicine*
DONALD G. POCOCK, *Assistant in Medicine*
DAN CHRISTIAN ROEHM, *Assistant in Medicine*
RUSSELL D. WARD, *Assistant in Medicine*
JOHN G. WELLS, *Assistant in Medicine*
DAN H. WILLOUGHBY, *Assistant in Medicine*
CARL C. GARDNER, JR., *Assistant in Clinical Medicine*
IRA T. JOHNSON, *Assistant in Clinical Medicine*
MARION BIRMINGHAM, *Research Assistant in Medicine*

1. CLINICAL PATHOLOGY.—A series of lectures and laboratory exercises in the microscopic and chemical methods in the diagnosis of disease. Students are trained in the technique of examining urine, blood, sputum, gastric contents, feces, and "puncture fluids." The interpretation of laboratory data is discussed. Eight hours a week during the third trimester of the second year. Dr. Hartmann.

2. **INTRODUCTION TO CLINICAL MEDICINE.**—An integrated course given by members of the Departments of Biochemistry, Medicine, Radiology, and Surgery. Lectures, demonstrations and practical experience are designed to introduce students to methods used in examining patients and to the interpretation of data so obtained. This course serves also as a transition from the courses in biochemistry, physiology, and pathology to their application in clinical medicine. The course consists of fourteen lectures or demonstrations, and six hours of practical demonstrations, weekly, during the third trimester of the second year. Dr. Kampmeier, Dr. Strayhorn and members of the Department of Medicine; Dr. Rollin Daniel and members of the Department of Surgery; Dr. Herbert Francis, Department of Radiology; Dr. Ann Minot, Department of Biochemistry.

3. **WARD WORK.**—One-third of the third-year class is assigned to the medical wards during each trimester and one half during a quarter of the summer term. Here they serve as clinical clerks. In this assignment they become part of the team of resident, assistant resident, intern, attending physician and chief of service responsible for the diagnostic study and treatment of patients. Bedside instruction is given daily by members of the Staff who are also members of the Faculty. Approximately 20 hours a week during one trimester. Dr. Morgan, Dr. Youmans, and Staff.

†4. **WARD WORK.**—One eighth of the students of the fourth-year class act as clinical clerks on the wards of the medical service of the University Hospital for a period of four weeks. Dr. Morgan, and Staff.

5. **CLINICAL LECTURES AND DEMONSTRATIONS.**—A series of clinical lectures and demonstrations for the purpose of bringing before the third-year class patients illustrating usual and important diseases. One hour a week during the second and third trimesters at Thayer Veterans Administration Hospital. Dr. Morgan, Dr. Youmans, Dr. France, and Staff.

‡6-A. **MEDICAL OUTPATIENT SERVICE.**—One eighth of the students of the fourth-year class are assigned during a four week period to the medical outpatient service. Cases are assigned to the students who record the histories, conduct the physical examinations and perform the simpler laboratory tests. Their work is reviewed by members

†The pattern of assignment of fourth-year students is being altered in 1952-1953. See General Plan for Instruction, page 65.

‡The pattern of assignment of students to study of ambulatory patients is being altered in 1952-1953. See General Plan for Instruction, page 65.

of the staff, who act as consultants, see that all patients receive any needed consultations from other departments, and direct the management of the cases. Students from the subgroup on General Medicine will be assigned for work on the Medical wards of the Nashville General Hospital. Dr. Kampmeier and Staff.

†6-B. MEDICAL OUTPATIENT SERVICE.—During the period of eight weeks on Medicine the fourth-year students attend demonstration clinics every other week in each of the medical specialty clinics. Here they observe methods of dealing with metabolic, allergic, cardiac and thoracic diseases. Dr. Weinstein and Dr. Scoville; Dr. Pennington and Dr. Thomas; Dr. Kennedy, Dr. Strayhorn and Dr. Riven; and Dr. Johnson.

7. CLINICAL LECTURES AND DEMONSTRATIONS.—Patients are presented by the students to whom they have been assigned. Diagnosis and management are discussed with members of the third and fourth-year classes. One or two hours a week throughout the third and fourth years. Dr. Morgan and Staff.

8. SPECIAL ELECTIVE COURSES.—A limited number of students of the third and fourth years may be accepted for special elective work each trimester in the various laboratories of the department and in the medical wards and outpatient service of the hospital. Hours and credit by arrangement. Dr. Morgan and Staff.

Neurology

WILLIAM F. ORR, *Professor of Neurology*

BERTRAM E. SPROFKIN, *Assistant Professor of Neurology*

LEON FERBER, *Assistant Professor of Clinical Neurology*

ERIC BELL, JR., *Instructor in Clinical Neurology*

1. NEUROLOGY.—Lectures and demonstrations are held in which the commoner neurological conditions are discussed from the point of view of diagnosis and treatment. One hour a week during the first and second trimesters of the third year. Dr. Orr, Dr. Sprofskin and Dr. Bell.

†2. CLINICAL NEUROLOGY.—During the period of four weeks on Psychiatry the fourth-year students attend the neurological outpatient service one morning each week. Here they are taught the

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special methods of examination required in the study of neurological patients, and are given instruction in the diagnosis and management of neurological conditions. Dr. Orr and Dr. Sprofskin.

3. *Electives in Neurology.*

a. Clinical neurology at the Nashville General Hospital. Dr. Sprofskin.

b. Experimental neurology: a study of problems related to the anatomy and physiology of the nervous system. Dr. Orr and Dr. Sprofskin.

c. Neuropathology: a study of the special pathology of the nervous system, with its application to clinical problems. Hours and credit by arrangement. Dr. Sprofskin.

Dermatology

HOWARD KING, *Professor of Clinical Dermatology*

CHARLES M. HAMILTON, *Associate Professor of Clinical Dermatology*

ROBERT N. BUCHANAN, *Assistant Professor of Clinical Dermatology*

RICHARD C. LIGHT, *Instructor in Clinical Dermatology*

FRANK G. WITHERSPOON, *Instructor in Clinical Dermatology*

1. DERMATOLOGY.—A course of eleven lectures and demonstrations covering the various groups of skin diseases and some of the dermatological manifestations of general disease. One hour a week during the third trimester of the third year. Dr. King.

†2. CLINICAL DERMATOLOGY.—During the period of eight weeks on Medicine the fourth-year students attend demonstration clinics every other week in Dermatology, where they have practice in the diagnosis and treatment of the diseases of the skin under the supervision of the staff. Dr. Hamilton, Dr. Buchanan and Dr. Witherspoon.

PEDIATRICS

AMOS CHRISTIE, *Professor of Pediatrics and Head of the Department*

OWEN H. WILSON, *Professor Emeritus of Clinical Pediatrics*

J. CYRIL PETERSON, *Associate Professor of Pediatrics*

O. RANDOLPH BATSON, *Assistant Professor of Pediatrics*

JOHN M. LEE, *Associate Professor of Clinical Pediatrics*

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JAMES C. OVERALL, *Associate Professor of Clinical Pediatrics*
 JOE M. STRAYHORN, *Associate Professor of Clinical Pediatrics*
 WILLIAM O. VAUGHAN, *Associate Professor of Clinical Pediatrics*
 HEARN G. BRADLEY, *Assistant Professor of Clinical Pediatrics*
 T. FORT BRIDGES, *Assistant Professor of Clinical Pediatrics*
 DAN S. SANDERS, JR., *Assistant Professor of Clinical Pediatrics*
 ETHEL WALKER, *Assistant Professor of Clinical Pediatrics*
 THOMAS S. WEAVER, *Assistant Professor of Clinical Pediatrics*
 ERLE E. WILKINSON, *Assistant Professor of Clinical Pediatrics*
 **BLAIR E. BATSON, *Instructor in Pediatrics*
 CHARLES L. WARNER, *Instructor in Pediatrics*
 MILDRED STAHLMAN, *Instructor in Pediatrics*
 CALVIN W. WOODRUFF, *Instructor in Pediatrics*
 LUTHER A. BEAZLEY, *Instructor in Clinical Pediatrics*
 LINDSAY K. BISHOP, *Instructor in Clinical Pediatrics*
 PHILIP C. ELLIOTT, *Instructor in Clinical Pediatrics*
 HARRY M. ESTES, *Instructor in Clinical Pediatrics*
 LEONARD J. KOENIG, *Instructor in Clinical Pediatrics*
 SOL. L. LOWENSTEIN, *Instructor in Clinical Pediatrics*
 *HOWARD H. NICHOLS, *Instructor in Clinical Pediatrics*
 HERMAN ROSENBLUM, *Instructor in Clinical Pediatrics*
 THOMAS B. ZERFOSS, JR., *Instructor in Clinical Pediatrics*
 EUGENE L. BISHOP, JR., *Assistant in Pediatrics*
 NORMAN M. CASSELL, *Assistant in Pediatrics*
 RAY L. DUBUISSON, *Assistant in Pediatrics*
 ROY W. LAUGHMILLER, JR., *Assistant in Pediatrics*

1. LECTURES AND DEMONSTRATIONS.—The prenatal period, the newborn child, mental and physical growth and development, the nutrition of infants and children, and the prevention of the abnormal are discussed. Especial attention is given to the normal child as a basis for the study of the abnormal, or diseases of children. One hour a week during the third trimester of the third year. Dr. Christie, Dr. Peterson, Dr. R. Batson and Staff.

2. WARD WORK.—One sixth of the third-year class as clinical clerks assigned to the pediatric wards during one half of each trimester and one half during a quarter of the summer term. Bedside instruc-

*On leave of absence for military duty.

**On leave of absence.

tion is given and patients are studied, emphasis being laid on the structure and function of the normal child. Physical diagnosis and variations from the normal and their prevention are considered. Eighteen hours a week during half of one trimester of the third year. Dr. Christie, Dr. Peterson, Dr. R. Batson and Staff.

3. CLINICAL LECTURES AND DEMONSTRATIONS.—The more important phases of pediatrics, including the acute infectious diseases of childhood, are demonstrated and discussed. Patients from the wards and from the outpatient service are presented. Two hours a week during the first and second trimesters and one hour a week during the third trimester of the fourth year. Also, one hour a week during the second trimester, the third-year students combine with the fourth-year group for the above instruction. Dr. Christie, Dr. Peterson, Dr. R. Batson and Staff.

†4. PEDIATRIC OUTPATIENT SERVICE.—One eighth of the fourth-year class is assigned to the pediatric outpatient service for one month. Patients, including well babies in a special clinic, are assigned to students, who record histories, make physical examinations and carry out diagnostic and immunization procedures. Diagnosis and treatment are considered. Students rotate through the special Pediatric Clinics—Allergy Clinic, Seizure Clinic and Cardiac Clinic. Dr. Christie, Dr. Peterson and Staff.

5. *Elective work* in the laboratories, wards and dispensary of the department is offered to small groups of students of the fourth year during each trimester. Hours and credit by arrangement.

PSYCHIATRY

WILLIAM F. ORR, *Professor of Psychiatry and Head of the Department*

FRANK H. LUTON, *Professor of Psychiatry*

**LEON FERBER, *Associate Professor of Psychiatry*

SMILEY BLANTON, *Associate Professor of Clinical Psychiatry*

OTTO BILLIG, *Associate Professor of Psychiatry*

JAMES W. WARD, *Assistant Professor of Psychiatry*

SAMUEL E. ABEL, *Assistant Professor of Clinical Psychiatry*

BASIL T. BENNETT, *Assistant Professor of Clinical Psychiatry*

**On leave of absence.

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- VIRGINIA KIRK, *Assistant Professor of Clinical Psychology*
 ROBERT W. ADAMS, JR., *Instructor in Psychiatry*
 R. TAYLOR KING, *Instructor in Psychiatry*
 ALBERT R. LAWSON, *Instructor in Psychiatry*
 ERIC BELL, JR., *Instructor in Clinical Psychiatry*
 G. TIVIS GRAVES, *Instructor in Clinical Psychiatry*
 O. S. HAUK, *Instructor in Clinical Psychiatry*
 FRANK W. STEVENS, *Instructor in Clinical Psychiatry*
 RICHARD K. COLE, *Assistant in Psychiatry*
 RICHARD H. SUNDERMANN, *Assistant in Psychiatry*
 RUTH B. ANDERSON, *Assistant in Clinical Psychology*
 JANE R. TOWERY, *Research Assistant in Psychiatry*

1. PERSONALITY AND SOCIAL RELATIONS.—An interdepartmental course intended to give the student an understanding of social and emotional factors in growth, development and health; of interpersonal relationships and the role of the family. Instruction and practicum are given in techniques of interviewing and of establishing a professional relationship. Families assigned to students are to be followed throughout the four years. Lectures, seminars, consultation. Approximately thirty-six hours during the first year. Dr. Orr, Miss Russell and consultants.

522. PSYCHODYNAMICS.—The purpose of this course is to acquaint the student with the inner forces at the disposal of each person in his adjustment to past as well as present experience. By this means a basis for understanding normal personality and psychopathological phenomena may be outlined. Three hours a week during third trimester of second year. Dr. Orr, Dr. Blanton, Dr. Ferber, and Dr. Billig.

3. CLINICAL PSYCHIATRY I.—The subject is presented in a series of lectures in which the commoner psychoses, neuroses, and the personality forces and defenses in physical disease are discussed. Clinical material is used for illustration. The principles of prevention as applied to mental diseases are emphasized. One hour a week during the first and second trimesters of the third year. Dr. Luton and Staff.

4. PSYCHOSOMATIC SEMINARS.—Small group meetings are held in which the personality factors of patients on Medicine, Surgery and Gynecology with demonstrable disease are discussed. Eighteen hours during the third year. Dr. Orr and Staff.

5. CLINICAL DEMONSTRATIONS IN PSYCHIATRY.—Hospital patients who have been carefully studied are presented in conference at-

tended by Psychiatrist, Social Worker, Clinical Psychologist, and Psychiatric Nurse in which various aspects of patient's illness are discussed, dynamics outlined and treatment recommended. Sixteen hours during the fourth year. Dr. Orr and Staff.

6. INSTITUTIONAL PSYCHIATRY.—Fourth-year students spend one full day per week at Central State Hospital where they study the chronically psychotic patient and become acquainted with problems of his treatment and care. Thirty-two hours during the fourth year. Dr. Luton, Dr. Hauk, and Staff.

†7. OUTPATIENT PSYCHIATRY.—Here the students are presented the methods of examination required in the study of psychiatric patients and are given instruction in the diagnosis and treatment of outpatient psychiatric conditions. Twenty-four hours during fourth year. Dr. Billig and Staff.

8. SEMINAR IN CLINICAL PSYCHOLOGY.—Here the student becomes acquainted with some of the methods of clinical psychological examination. Emphasis is placed on the projective techniques. Twelve hours during fourth year. Dr. Kirk.

9. SEMINAR IN PSYCHIATRIC SOCIAL WORK.—The contribution of the Psychiatric Social Worker in the clinical team is demonstrated in Clinic and Ward cases. Group discussions consider specific problems in interviewing and participation in Psychiatric treatment. The course attempts orientation of the medical student to usually available community resources for enhancing his understanding of specific psychosocial problems and planning treatment. Twelve hours during fourth year. Mrs. Helen Rysan.

10. JOURNAL CLUB.—To acquaint the student with the more important current publications on Psychiatry; students review articles from these journals. Four hours during fourth year. Dr. Orr and Staff.

SURGERY

H. WILLIAM SCOTT, JR., *Professor of Surgery and Head of the Department*

ROLLIN A. DANIEL, JR., *Professor of Surgery*

RICHARD A. BARR, *Professor Emeritus of Clinical Surgery*

ROBERT I. CARLSON, *Associate Professor of Surgery*

BEVERLY DOUGLAS, *Associate Professor of Surgery*

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- RALPH M. LARSEN, *Associate Professor of Surgery*
RUDOLPH A. LIGHT, *Associate Professor of Surgery*
BARTON MCSWAIN, *Associate Professor of Surgery*
LEONARD W. EDWARDS, *Associate Professor of Clinical Surgery*
DUNCAN EVE, *Associate Professor of Clinical Surgery*
JAMES A. KIRTLEY, JR., *Associate Professor of Clinical Surgery*
EDMUND W. BENZ, *Assistant Professor of Clinical Surgery*
ROBERT WILLIAM GRIZZARD, *Assistant Professor of Clinical Surgery*
LOUIS ROSENFELD, *Assistant Professor of Clinical Surgery*
NATHANIEL SEHORN SHOFNER, *Assistant Professor of Clinical Surgery*
HARRISON H. SHOULDERS, *Assistant Professor of Clinical Surgery*
DAUGH W. SMITH, *Assistant Professor of Clinical Surgery*
BERNARD M. WEINSTEIN, *Assistant Professor of Clinical Surgery*
WILLIAM R. CATE, JR., *Instructor in Surgery*
DAWSON B. CONERLY, JR., *Instructor in Surgery*
WILLIAM R. SCHAFFARZICK, *Instructor in Surgery*
MARY FAITH ORR, *Instructor in Oncology*
CARL ZIMMER, *Instructor in Biophysics in Surgery*
WILLIAM C. BILBRO, *Instructor in Clinical Surgery*
BENJAMIN F. BYRD, JR., *Instructor in Clinical Surgery*
WALTER DIVELEY, *Instructor in Clinical Surgery*
ROGERS NATHANIEL HERBERT, *Instructor in Clinical Surgery*
JERE W. LOWE, *Instructor in Clinical Surgery*
JAMES ANDREW MAYER, *Instructor in Clinical Surgery*
OSCAR NOEL, *Instructor in Clinical Surgery*
DOUGLAS H. RIDDELL, *Instructor in Clinical Surgery*
ELKIN L. RIPPY, *Instructor in Clinical Surgery*
CHARLES C. TRABUE, *Instructor in Clinical Surgery*
THOMAS BOWMAN ZERFOSS, *Instructor in Clinical Surgery*
W. K. BRENDLE, *Assistant in Surgery*
HAROLD A. COLLINS, *Assistant in Surgery*
CHARLES I. GIROD, *Assistant in Surgery*
DAVID P. HALL, *Assistant in Surgery*
*EDWARD M. LANCE, *Assistant in Surgery*
AMBROSE M. LANGA, *Assistant in Surgery*
GILLES LEPAGE, *Assistant in Surgery*

*On leave of absence for military duty.

- PHILLIP LEVITAN, *Assistant in Surgery*
L. S. MCGEE, *Assistant in Surgery*
THIRWELL M. NOLEN, *Assistant in Surgery*
GRAY E. B. STAHLMAN, *Assistant in Surgery*
CLOYCE F. BRADLEY, *Assistant in Clinical Surgery*
ROBERT L. DOZIER, JR., *Assistant in Clinical Surgery*
JAMES C. GARDNER, *Assistant in Clinical Surgery*
SAM Y. GARRETT, *Assistant in Clinical Surgery*
CARL N. GESSLER, *Assistant in Clinical Surgery*
LYNWOOD HERRINGTON, JR., *Assistant in Clinical Surgery*
A. BRANT LIPSCOMB, *Assistant in Clinical Surgery*
JACKSON P. LOWE, *Assistant in Clinical Surgery*
TRAVIS H. MARTIN, *Assistant in Clinical Surgery*
CLEO M. MILLER, *Assistant in Clinical Surgery*
OSCAR G. NELSON, *Assistant in Clinical Surgery*
DAVID R. PICKENS, JR., *Assistant in Clinical Surgery*
SAMUEL T. ROSS, *Assistant in Clinical Surgery*
KIRKLAND W. TODD, *Assistant in Clinical Surgery*

SURGERY

1. INTRODUCTION TO CLINICAL MEDICINE.—An integrated course given by members of the Departments of Surgery, Medicine, Radiology and Biochemistry. Lectures, demonstrations and practical experience are designed to introduce students to methods used in examining patients and to the interpretation of data so obtained. This course serves also as a transition from the courses in biochemistry, physiology, and pathology to their application in clinical medicine. The course consists of fourteen lectures or demonstrations, and six hours of practical demonstrations, weekly, during the third trimester of the second year. Dr. Rollin Daniel and members of the Department of Surgery; Dr. Kampmeier, Dr. Strayhorn, and members of the Department of Medicine; Dr. Herbert Francis, Department of Radiology; Dr. Ann Minot, Department of Biochemistry.

2. PHYSICAL DIAGNOSIS IN SURGERY.—The object of this course is to instruct the students in those methods of physical diagnosis particularly referable to surgical diseases. The student is instructed in the methods of physical examination of the abdomen, spine, joints, and deformities. Two hours a week during the third trimester of the second year. Dr. Edwards.

3. **SURGICAL PATHOLOGY.**—The lectures, supplemented by specimens from the operating room, fixed gross specimens, roentgenograms and microscopic sections, correlate the clinical manifestations and the pathologic changes in the most frequent surgical diseases. Three hours a week throughout the third year. Dr. McSwain.

4. **SURGICAL CLINICS.**—The students of the third and fourth-year classes are expected to attend two surgical clinics each week. The subjects considered at these clinics vary with the clinical material available. Particular emphasis is placed on the correlation of the basic and clinical sciences. In so far as it is possible an attempt is made to have the various instructors present well-studied cases illustrating surgical conditions with which the instructor is particularly familiar. Members of the house staff are given the opportunity and expected to attend these clinics. Two hours a week throughout the third and fourth years. Dr. Scott, Dr. Daniel and members of the Department of Surgery.

5. **SURGICAL WARDS.**—For one trimester, one third of the third year students serve daily as assistants in the surgical wards of the Vanderbilt University Hospital and one fourth of them for a quarter of the summer term. The students, under the direction of the staff, make the records of the histories, physical examinations and the usual laboratory tests. Ward rounds are made daily by the various members of the surgical staff at which time surgical conditions are discussed with the students. The students may be present in the operating rooms at such times as their required work permits. When possible the student is permitted to assist in a surgical operation which is performed upon a patient assigned to him in the ward. Approximately twenty hours a week during one trimester of the third year. Dr. Scott and Staff.

†6. **SURGICAL OUTPATIENT SERVICE.**—For one quarter the students of the fourth-year class serve daily as assistants in the Outpatient Clinics of general surgery, orthopedic surgery and genito-urinary surgery. They make the records of the histories, physical examinations and laboratory tests of the patients attending the Outpatient Clinics and assist in the dressings and in minor operations. Various members of the surgical staff are in attendance to instruct the students in their work and to discuss with them the diagnosis and treatment of the patients. In the clinics of orthopedic surgery and urology the students receive instruction in the particular methods of

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diagnosis and treatment used by these special branches of surgery. Fifteen hours a week throughout one trimester of the fourth year. Dr. Cate and Staff.

7. ELECTIVE COURSES IN SURGERY—For Fourth Year Students.

(a) REVIEW OF SURGERY.—Emphasis is placed on surgical principles and diagnosis. This course will not be given unless a minimum of eight students elect to take the course. Two hours a week for each elective period. Dr. Benz.

(b) CLINICAL AND LABORATORY RESEARCH.—A course in clinical and laboratory surgical research. Limited to two students during an elective period. Dr. Light.

(c) OPERATIVE SURGERY.—In this course the students are instructed in the theories and techniques of the handling of surgical wounds. Three hours per week. Limited to twelve students for six week periods throughout the academic year. Dr. Light.

(d) SURGICAL PATHOLOGY.—Two students, each pair for one month, work in the Tumor Clinic and study the gross and microscopic material in the Surgical Pathology Laboratory. Dr. McSwain.

(e) TISSUE GROWTH.—Two students, each pair for one month, work in the Tissue Culture Laboratory studying the characteristics of growth of malignant tumor tissue in vitro. Dr. McSwain and Miss Orr.

Neurological Surgery

WILLIAM F. MEACHAM, *Associate Professor of Neurological Surgery*

CULLY COBB, *Assistant Professor of Neurological Surgery*

CLINTON R. HARRISON, *Instructor in Neurological Surgery*

C. C. McCLURE, JR., *Instructor in Clinical Neurological Surgery*

1. NEUROLOGICAL SURGERY.—A clinical presentation of neurosurgical problems with emphasis on diagnosis and management. Third and fourth year classes. Two hours per month throughout the year. Dr. Meacham, Dr. Cobb.

2. NEUROSURGICAL CLINIC.—Work in the Neurosurgical Out-patient Service. Examinations and treatment of patients including follow up studies on post-operative cases. Informal Neurosurgical Seminar at end of period. Fourth-year class. Dr. Cobb, Dr. McClure, Dr. Meacham.

3. *Neuropathology*.—A series of lectures followed by gross and microscopic studies of surgical neuropathological disorders. Integrated with the regular surgical pathology course. Third-year class. Nine hours during the second trimester. Dr. Meacham and Resident Staff.

Ophthalmology

- HENRY CARROLL SMITH, *Professor of Clinical Ophthalmology*
 ROBERT E. SULLIVAN, *Professor of Clinical Ophthalmology*
 KATE SAVAGE ZERFOSS, *Associate Professor of Clinical Ophthalmology*
 FOWLER HOLLABAUGH, *Assistant Professor of Clinical Ophthalmology*
 ALLEN LAWRENCE, *Assistant in Clinical Ophthalmology*
 PHILIP L. LYLE, *Assistant in Clinical Ophthalmology*
 N. B. MORRIS, *Assistant in Clinical Ophthalmology*
 RALPH RICE, *Assistant in Clinical Ophthalmology*

1. OPHTHALMOLOGY.—A course of lectures is given on the more common diseases and injuries of the eye and the various causes of disturbed vision. The physiology and anatomy of the eye are briefly reviewed. One hour a week during the first and second trimesters of the fourth year. Dr. Smith and Staff.

Otolaryngology

- MARVIN McTYEIRE CULLOM, *Professor Emeritus of Clinical Otolaryngology*
 GUY M. MANESS, *Associate Professor of Otolaryngology*
 WILLIAM WESLEY WILKERSON, JR., *Assistant Professor of Clinical Otolaryngology*
 MORRIS ADAIR, *Assistant in Clinical Otolaryngology*
 J. THOMAS BRYAN, *Assistant in Clinical Otolaryngology*
 JERE W. CALDWELL, *Assistant in Clinical Otolaryngology*
 LEE FARRAR CAYCE, *Assistant in Clinical Otolaryngology*
 WILLIAM T. DANIEL, *Assistant in Clinical Otolaryngology*
 HERBERT DUNCAN, *Assistant in Clinical Otolaryngology*
 ANDREW N. HOLLABAUGH, *Assistant in Clinical Otolaryngology*
 GEORGE E. HORSLEY, *Assistant in Clinical Otolaryngology*
 W. G. KENNON, JR., *Assistant in Clinical Otolaryngology*

2. OTOLARYNGOLOGY.—A course of lectures is given in which the diseases of the ear, nose and throat are briefly discussed and the methods of treatment are described. One hour a week during the third trimester of the fourth year. Dr. Maness.

†3. CLINICAL OPHTHALMOLOGY AND OTOLARYNGOLOGY.—Groups consisting of one sixth of the fourth-year class are assigned to clinical

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work in the Outpatient Clinic, where they have an opportunity to examine patients, to practice the simpler forms of treatment, to witness and to assist in operations, and to participate in the post-operative care of patients. Eight hours a week during one half of one trimester. Dr. Smith and Dr. Maness.

Urology

EDWARD HAMILTON BARKSDALE, *Associate Professor of Clinical Urology*

HENRY L. DOUGLASS, *Associate Professor of Clinical Urology*

HARRY S. SHELLY, *Assistant Professor of Urology*

CHARLES E. HAINES, JR., *Assistant Professor in Clinical Urology*

HORACE C. GAYDEN, *Instructor in Clinical Urology*

MAX K. MOULDER, *Instructor in Clinical Urology*

OSCAR CARTER, *Instructor in Clinical Urology*

JOHN M. TUDOR, *Assistant in Clinical Urology*

1. UROLOGY.—A course of lectures and recitations is given covering the more important aspects of urology. One hour a week during the second and third trimesters of the fourth year. Dr. Douglass and Staff.

2. CLINICAL INSTRUCTION.—Students receive clinical instruction in urology during the third year in the wards and during the fourth year in the Outpatient Department. This instruction is given by the members of the urological staff at formal ward rounds on alternate Tuesdays to the students serving as clinical clerks in both the wards and the Outpatient Department. The time given to this instruction is included in that assigned to Surgery 5 and Surgery 6. Dr. Barksdale, Dr. Haines and Staff.

Orthopedic Surgery

R. WALLACE BILLINGTON, *Professor Emeritus of Clinical Orthopedic Surgery*

EUGENE M. REGEN, *Associate Professor of Orthopedic Surgery*

J. WILLIAM HILLMAN, *Assistant Professor of Orthopedic Surgery*

GEORGE K. CARPENTER, *Assistant Professor of Clinical Orthopedic Surgery*

J. JEFFERSON ASHBY, *Instructor in Clinical Orthopedic Surgery*

S. BENJAMIN FOWLER, *Instructor in Clinical Orthopedic Surgery*

*ARNOLD HABER, JR., *Assistant in Orthopedic Surgery*

*On leave of absence for military duty.

DON L. EYLER, *Assistant in Clinical Orthopedic Surgery*
JOHN GLOVER, *Assistant in Clinical Orthopedic Surgery*
SAMUEL B. PREVO, *Assistant in Clinical Orthopedic Surgery*

1. ORTHOPEDIC SURGERY.—A course of lectures and recitations in which the more important parts of orthopedic surgery are discussed is given. One hour a week during the first trimester of the fourth year. Dr. Regen and Staff.

2. CLINICAL INSTRUCTION.—Students receive clinical instruction in orthopedic surgery during the third year in the wards and during the fourth year in the Outpatient Department. This instruction is given by the members of the orthopedic surgery staff at formal ward rounds on Thursdays to the students serving as clinical clerks in both the wards and the Outpatient Department. The time given to this instruction is included in that assigned to Surgery 5 and Surgery 6. Dr. Regen and Staff.

3. FRACTURES.—During the fourth year one hour each week is given to the instruction of the entire fourth-year class in the diagnosis and treatment of fractures. Both hospital and dispensary patients are used in this course. One hour a week during the second trimester of the fourth year. Dr. Regen and Staff.

Dental Surgery

ROBERT B. BOGLE, JR., *Professor of Clinical Dental Surgery*
OREN A. OLIVER, *Professor of Clinical Dental Surgery*
WALTER M. MORGAN, *Associate Professor of Clinical Dental Surgery*
WILLIAM S. GRAY, *Assistant Professor of Clinical Dental Surgery*
FRED H. HALL, *Assistant Professor of Clinical Dental Surgery*
MAX V. SIGAL, *Assistant Professor of Clinical Dental Surgery*
JAMES B. BAYLOR, *Assistant in Clinical Dental Surgery*
E. THOMAS CARNEY, *Assistant in Clinical Dental Surgery*
ELMORE HILL, *Assistant in Clinical Dental Surgery*
EDWARD H. MARTIN, *Assistant in Clinical Dental Surgery*

Although there are no formal lectures or recitations in dental surgery, the students of the fourth-year class have opportunity to become familiar with diseases of the teeth and gums arising in the various clinics of the Outpatient Service. The division of dental surgery conducts a clinic two days each week, to which patients suffering from diseases of the teeth or gums are referred for examination and treatment.

RADIOLOGY

C. C. McCLURE, *Professor of Clinical Radiology and Head of the Department*

HERBERT C. FRANCIS, *Professor of Radiology*

GRANVILLE W. HUDSON, *Associate Professor of Radiology*

JOHN BEVERIDGE, *Assistant Professor of Clinical Radiology*

MINYARD D. INGRAM, *Assistant Professor of Clinical Radiology*

JOSEPH IVIE, *Assistant Professor of Clinical Radiology*

BEN R. MAYES, *Assistant Professor of Clinical Radiology*

LEON M. LANIER, *Instructor in Clinical Radiology*

G. TOM PROCTOR, *Instructor in Radiology*

CLIFTON E. GREER, *Assistant in Radiology*

1. ROENTGENOLOGY.—*Introduction to Clinical Medicine.*—An integrated course given by Departments of Biochemistry, Medicine, Surgery, and Radiology. Second-year class divided into two sections. Each group has three hours devoted to normal X-Ray anatomy and its normal variations. Close correlation with physical diagnosis program is maintained and serves as introduction to advantages and limitations of x-ray examination applied to clinical medicine. Second-year class, two sections, three hours each in third trimester. Dr. Francis and Staff.

2. ROENTGENOLOGY.—Fourth-year students while in Pediatrics, Medicine and Surgery sections have one class a week during school year which correlates the x-ray findings with the clinical data on their ward and clinic patients. Other cases from files are used for discussing and differential diagnosis. Drs. Hudson, Mayes, Ivie, Beveridge and Francis.

3. ROENTGENOLOGY.—Fourth-year students may elect this work for entire or part time during their elective period. Fixed class periods twice a week are held by Dr. McClure. Fluoroscopic work and film interpretation are offered. Introduction to methods of making and processing radiographs of various kinds is available. Dr. McClure, Dr. Hudson and Staff.

4. ROENTGENOLOGY.—Lectures and demonstration in differential diagnosis, therapy, and physics of Radiology. One hour a week during third trimester, fourth year. Dr. McClure.

5. ROENTGENOLOGY.—Fourth-year students may elect such work with staff. Hours and credits by arrangement.

OBSTETRICS AND GYNECOLOGY

- JOHN C. BURCH, *Professor of Obstetrics and Gynecology, and Acting Head of the Department*
- LUCIUS EDWARD BURCH, *Professor Emeritus of Obstetrics and Gynecology*
- G. SYDNEY MCCLELLAN, *Professor of Clinical Obstetrics and Gynecology*
- D. SCOTT BAYER, *Professor of Clinical Obstetrics and Gynecology*
- SAM C. COWAN, *Professor of Clinical Obstetrics*
- W. BUSH ANDERSON, *Associate Professor Emeritus of Clinical Obstetrics*
- CLAIBORNE WILLIAMS, *Associate Professor of Obstetrics and Gynecology*
- WILLIAM C. DIXON, *Associate Professor of Clinical Gynecology*
- MILTON S. LEWIS, *Associate Professor of Clinical Obstetrics*
- WILLARD O. TIRRILL, JR., *Associate Professor of Clinical Obstetrics and Gynecology*
- DORIS H. ORWIN, *Research Associate in Obstetrics and Gynecology*
- JOSEPH D. ANDERSON, *Assistant Professor of Obstetrics and Gynecology*
- EDWIN LEA WILLIAMS, *Assistant Professor of Obstetrics and Gynecology*
- JOHN SMITH CAYCE, *Assistant Professor of Clinical Obstetrics*
- JOSEPH F. GALLAGHER, *Assistant Professor of Clinical Gynecology*
- HARLAN TUCKER, *Assistant Professor of Clinical Gynecology*
- RICHARD O. CANNON, II, *Instructor in Obstetrics and Gynecology*
- ROBERT L. CHALFANT, *Instructor in Obstetrics and Gynecology*
- WILLIAM JAMES MCGANITY, *Instructor in Obstetrics and Gynecology*
- SAM C. COWAN, JR., *Instructor in Clinical Obstetrics and Gynecology*
- RAPHAEL S. DUKE, *Instructor in Clinical Obstetrics and Gynecology*
- JAMES D. ELLIS, *Instructor in Clinical Obstetrics*
- HAMILTON GAYDEN, *Instructor in Clinical Obstetrics and Gynecology*
- HORACE T. LAVELY, JR., *Instructor in Clinical Gynecology*
- CARL S. McMURRAY, *Instructor in Clinical Gynecology*
- ROY W. PARKER, *Instructor in Clinical Obstetrics and Gynecology*
- ROBERT C. PATTERSON, JR., *Instructor in Clinical Obstetrics*
- DOUGLAS SEWARD, *Instructor in Clinical Gynecology*
- ARTHUR SUTHERLAND, *Instructor in Clinical Obstetrics and Gynecology*

THOMAS F. WARDER, *Instructor in Clinical Obstetrics and Gynecology*

PAUL L. WARNER, *Instructor in Clinical Obstetrics*

GEORGE B. CRAFTON, *Assistant in Obstetrics and Gynecology*

*B. KIMBROUGH HIBBETT, III, *Assistant in Obstetrics and Gynecology*

HOWARD E. MORGAN, *Assistant in Obstetrics and Gynecology*

*HOUSTON SARRATT, *Assistant in Obstetrics and Gynecology*

MARGARET P. VELLER, *Assistant in Obstetrics and Gynecology*

DOROTHY J. WHITTAKER, *Assistant in Obstetrics and Gynecology*

ROLAND D. LAMB, *Assistant in Clinical Gynecology*

WILLIAM D. SUMPTER, JR., *Assistant in Clinical Obstetrics and Gynecology*

HOMER M. PACE, *Assistant in Clinical Obstetrics*

SIDNEY C. REICHMAN, *Assistant in Clinical Obstetrics*

ALLEN E. VAN NESS, *Assistant in Clinical Obstetrics*

1. INTRODUCTION TO OBSTETRICS AND GYNECOLOGY.—A series of lectures and demonstrations emphasizing the fundamentals of anatomy and physiology concerned with reproduction in the female. This course is presented as the groundwork for clinical obstetrics and gynecology. Two hours a week during third trimester of second year. Dr. C. Williams, Dr. S. Bayer, Dr. G. S. McClellan and Staff.

2. OBSTETRICS.—A series of lectures and discussions on the treatment of abnormal labor as well as the pathology of pregnancy is given during the third year. In the general plan of instruction, the lectures on obstetrics are completed during the third year. One hour a week during first, second and third trimesters. Dr. G. Sydney McClellan, Dr. C. Williams, Dr. E. L. Williams and Staff.

3. CLINICAL OBSTETRICS.—During one half of a trimester a small group of students study the patients on the obstetrical wards and in the outpatient service. They work in the prenatal clinic, practice pelvimetry and are given exercises with obstetrical manikin.

During this period and for a quarter of the summer term students are required to serve as clinical clerks to the obstetrical patients in the hospital and take part in their delivery under supervision of the staff. All students are required to have assisted in a specified number of deliveries, in the hospital, before graduation.

Approximately eighteen hours a week during half of trimester of the third year, exclusive of deliveries. Dr. McClellan, Dr. C. Williams, Dr. E. Williams and Staff.

*On leave of absence for military duty.

4. CLINICAL OBSTETRICS AND GYNECOLOGY.—A course of clinical lectures and demonstrations on the obstetrical and gynecological material of the hospital will be given to third and fourth-year students. One hour a week during third trimester of third year and one hour a week during three trimesters of fourth year. Dr. J. C. Burch, Dr. McClellan and Staff.

5. GYNECOLOGY.—A course of lectures, recitations and assigned reading will be given to fourth-year students. In this course the more important topics of gynecology are covered. One hour a week during the first and second trimesters of the fourth year. Dr. J. C. Burch, Dr. C. Williams, and Staff.

†6. CLINICAL GYNECOLOGY.—Fourth-year students are assigned to gynecology in small groups. They attend daily the outpatient service, study the patients in the wards, and attend or assist at the operations. Special emphasis is placed on the study of gynecological diagnosis, and an attempt is made to train the student in that part of the subject with which the practitioner of medicine should be familiar. Approximately twenty hours a week for a four-week period during the fourth year. Dr. J. C. Burch, Dr. C. Williams, Dr. E. L. Williams, Dr. Anderson, Dr. Cowan, Jr., and Dr. Lamb.

7. OBSTETRICAL AND GYNECOLOGICAL PATHOLOGY.—A series of laboratory exercises, in which the gross and microscopic characteristics of the more important obstetrical and gynecological conditions are demonstrated, is given during the fourth year. Twenty-two hours of instruction are given to each fourth-year student during the year. Dr. C. Williams and Resident Staff.

8. ELECTIVE COURSES.—Opportunity for the investigation of special gynecological and obstetrical problems is offered to two students each trimester. Hours and credit by arrangement. Staff.

ANESTHESIOLOGY

BENJAMIN H. ROBBINS, *Professor of Anesthesiology and Head of the Department*

LAWRENCE G. SCHULL, *Assistant Professor of Anesthesiology*

JOHN A. JARRELL, JR., *Instructor in Anesthesiology*

HARRY T. MOORE, JR., *Instructor in Anesthesiology*

JOANNE LOVELL LINN, *Instructor in Anesthesiology*

SAMUEL R. TURNER, *Assistant in Anesthesiology*

†The pattern of assignment of students to study of ambulatory patients is being altered in 1952-1953. See General Plan for Instruction, page 65.

1. ANESTHESIOLOGY.—This course includes a series of lectures, demonstrations and discussions of anesthetic agents in relation to their use in the patient. Fourth-year students will be assigned in small groups to the Anesthesia service where observations of and the administration of anesthetic agents under supervision will be possible.

2. ELECTIVE COURSES.—Opportunity for elective work in the laboratory will be available for a small group of students during the fourth year. Hours and credit by arrangement.

MEDICAL JURISPRUDENCE

PAUL H. SANDERS, *Lecturer in Medical Jurisprudence*

MEDICAL JURISPRUDENCE.—This course includes medical evidence and testimony; expert testimony; rights of medical witnesses; dying declarations; medicolegal post mortem examinations; criminal acts determined by medical knowledge; malpractice and the legal relation of physicians to patients and the public. Some consideration is also given to the state law in its relation to public health operations. One hour a week during the third trimester of the fourth year. Mr. Sanders.

MILITARY SCIENCE AND TACTICS

DONALD G. POCOCK, M.D., Captain, M.C., U.S.A., *Assistant Professor of Military Science and Tactics in Charge of Medical Unit*

Elective courses in Military Science and Tactics are offered in two phases, the basic course in the second year and the advanced course in the third and fourth years. Both courses consisting of thirty-two hours of instruction per year are devoted to the study of medico-military subjects. Credit is given in lieu of the basic course for previous active military service and membership in a Senior Division Unit of the Reserve Officers' Training Corps.

The advanced course includes, in addition to thirty-two hours of instruction per year, a summer camp of six weeks duration. Members of the Reserve Officers' Training Corps who are veterans will normally be sent to designated Army Hospitals in clinical clerkships while nonveterans will attend summer camp at the Medical Field Service School, Fort Sam Houston, Texas.

The students receive a travel allowance of five cents per mile from the Medical School to camp and return. While at camp they will receive quarters, clothing, rations, and medical care and in addition are paid \$75.00 per month while in attendance.

The advanced course students are paid commutation in lieu of subsistence during the two year period of the course. The present rate of payment is \$27.00 per month.

Upon completion of the advanced course students are eligible for commission in the Medical Corps Reserve of the Army of the United States. While the course in Military Science is elective, completion of the advanced course, including summer camp, is a prerequisite for graduation after the student has entered into an advanced course contract.

AUDIOLOGY AND SPEECH

FREEMAN MCCONNELL, *Assistant Professor of Audiology*

PHILIP N. HOOD, *Assistant Professor of Speech Pathology*

FORREST M. HULL, *Assistant Professor of Speech Science*

RICHARD F. KRUG, *Instructor in Audiology*

ADMISSION

Requirements for admission to courses in graduate instruction in audiology and speech in the School of Medicine are the same as those required for admission to the Graduate School. The requirements for admission to candidacy for the Master of Science Degree in Audiology and Speech are equivalent to those for admission to candidacy for the Master of Arts degree in the Graduate School except that there is no foreign language requirement.

REQUIREMENTS FOR DEGREES

A minimum of 27 quarter hours in the major field with emphasis in either audiology or speech, according to the student's primary interest, is required. In addition, at least nine quarter hours in a minor thesis are required. The graduate program must include one seminar course and at least two other 500-level courses, and clinical practice under supervision will be an integral part of the training program. The Master's degree program requires a minimum of four term quarters.

EXPENSES

The charges for graduate work in audiology and speech pathology are:

Tuition per credit hour per term.....\$14.00

THE COURSES OF STUDY

Following the course description the term or terms in which the course is offered is indicated. The figure in parentheses indicates the number of credit hours per term. Medical students, nurses, teachers, and properly qualified students, not candidates for the Master of Science Degree, may be admitted to any of the courses by special arrangements with the instructors.

422. *Speech Problems*.—A study of the etiology, diagnosis, and therapy of voice problems and articulatory defects, including delayed speech, infantile perseveration, and foreign dialect. Diagnostic and therapeutic techniques. Four one-hour lectures weekly. Clinical observation required. Fall and Summer. (4)

Prerequisite: Speech Science or an introductory course in Audiology and Speech Pathology.

423. *Testing of Hearing*.—A study of the various types of hearing tests with emphasis on audiometric measurement. Demonstration of and practice in pure tone audiometry and interpretation of the findings. Four one-hour lectures weekly. Fall and Summer. (4)

Prerequisite: Physics or Experimental Psychology.

424. *Anatomy and Physiology of the Vocal Mechanism*.—Lectures, readings, demonstrations, and laboratory dissections presenting the structure and function of the neuro-muscular system involved in breathing, phonation, and articulation. Four one-hour lectures and one three-hour laboratory section per week. Winter and Summer. (4)

Prerequisite: Biology or Zoology.

425. *Anatomy, Physiology, and Pathology of the Hearing Mechanism*. A study of the structure of the human ear and of its abnormalities and diseases. Consideration of basic physiologic principles in the hearing process, with emphasis on the psycho-acoustics of audition. Three one-hour lectures weekly. Fall. (3)

Prerequisite: Voice Science, Biology or Zoology.

426. *Stuttering*.—A study of the diagnosogenic, psychogenic, and organic etiologies of stuttering. Techniques for the diagnosis, management, and therapy for primary and secondary stutterers. A review of the significant research in the field of stuttering, with emphasis on etiologies and therapies. Clinical observation required. Spring. (3)

Prerequisite: 422 or an introductory course in Speech Correction;
Co-requisite: Abnormal Psychology.

427. *Diagnostic Techniques in Audiology and Speech Correction.*—Psychological tests and diagnostic procedures for children and adults with impaired hearing or defective speech. Techniques for screening the areas of intelligence, social maturity, personality, motor capacity and language usage. Case history techniques. Case reports required. Fall. (3)

Prerequisite: 422 or 423; Advanced English Composition; Elementary Statistics.

428. *Organic Speech Disorders.*—A study of the etiology, diagnosis, and therapy of speech deviations resulting from cleft palate, cerebral palsy, and other pathologies related to brain injury and developmental malformation, including bulbar polio. Four one-hour lectures weekly. Clinical observation required. Winter. (4)

Prerequisite: 422 and Zoology.

429. *Residual Hearing.*—A study of the recent concepts in maximum utilization of all residual hearing in the development of effective communicative functioning of hearing impaired individuals. Includes description and demonstration of electronic instrumentation for amplified sound. Winter. (3)

Prerequisite: 423 or 425.

520. *The Selection and Use of Hearing Aids.*—A study of the research and theory of clinical selection of hearing aids. The principles of speech audiometry in assessing the usefulness of residual hearing. Psychological factors related to hearing aid use. Four one-hour lectures weekly. Clinical observation required. Winter. (4)

Prerequisite: 423.

521. *Aphasia.*—A study of the aphasic language disturbances with a consideration of the history of aphasia, normal and abnormal language function, perception and perceptual disturbances. Clinical examination and classification of the aphasias. Emotional and behavioral characteristics. Education and therapy. Spring. (3)

Prerequisite: 422 and 428; Co-requisite: Physiological Psychology.

522. *Seminar in Audiology.*—Special study of research methods and current significant research findings in the field of audiology. Special topics of investigation assigned. Course may be repeated for credit. Spring. (3)

Prerequisite: 422 and 423.

523. *Advanced Clinical Study and Practice.*—Assigned readings and written reports combined with regular participation in one of the special clinics. Open by permission of instructor to students having the qualifications for participation in the clinical activity selected. Course may be repeated for credit. Spring. (2)

524. *Field Work in Audiology and Speech Correction.*—Participation in group testing of school populations. Student required to make arrangements with school administrators and to conduct faculty orientation meetings. One-half day of field work weekly for each hour of credit. Fall, Winter, Spring. (1-3)

Prerequisite: 422 and 423.

APPLICATIONS

Applications and further information may be obtained by addressing correspondence to the Registrar, Vanderbilt University School of Medicine, Nashville 5, Tennessee.

POSTGRADUATE COURSES

Courses in individual departments are made available by special arrangement. These courses are under the direction of the Dean, the Director of Postgraduate Instruction, and the head of the department concerned. Courses may be offered at any time during the year for periods of varying length. Only a limited number of physicians can be admitted to any course. Inquiries should be addressed to Dr. R. H. Kampmeier, Director of Postgraduate Instruction.

Fees for special and intensive courses are decided by the Dean and the Director of Postgraduate Instruction in cooperation with the head of the department in which the instruction is provided.

If a postgraduate student registers for the full academic year, the tuition fee is \$600. For the calendar year of 12 months it is \$800 or \$66.66 per month.

REGISTER OF STUDENTS

Session September, 1951—June, 1952

The members of the class, as listed below, received the degree of Doctor of Medicine in June, 1952.

NAME	INSTITUTION	HOME ADDRESS
ABRAMSON, JEROME HERMAN, B.A.,	Vanderbilt University, 1948.....	Nashville, Tenn.
ARRINGTON, JOE ORAN, JR., B.A.,	Texas Technical College, 1948.....	Lubbock, Texas
BAILEY, JOSEPH C., B.S.,	Western Kentucky State College, 1949.....	Fountain Run, Ky.
BEASLEY, OSCAR CARL, JR., B.S.,	University of Kentucky, 1948.....	Paducah, Ky.
BLACKBURN, WILLIAM HODGE, B.S.,	University of the South, 1948.....	Tusculumbia, Ala.
BOYD, HERSCHELL HOOD, B.S.,	University of Chattanooga, 1949.....	Chattanooga, Tenn.
BROCK, CHARLES CARLISLE, JR., B.A.,	Vanderbilt University, 1949.....	Clarksdale, Miss.
BROOKS, ARTHUR LEROY, B.S.,	Austin Peay State College, 1948.....	Nashville, Tenn.
BROWN, ERNEST LADD, B.S.,	University of Alabama, 1948.....	Mobile, Ala.
BRYAN, LOUIS, B.A.,	Vanderbilt University, 1949.....	Franklin, Tenn.
BUTTERWORTH, JOE STANLEY, B.S.,	Murray State Teachers College, 1948.....	Murray, Ky.
COCHERAN, DONALD QUINTON, B.A.,	Vanderbilt University, 1949.....	Carmi, Ill.
COLE, RICHARD DAVIS, B.A.,	Southern Methodist University, 1948.....	Waco, Tex.
CORBITT, DUVOY CLOUGH, JR., B.A.,	Asbury College, 1948.....	Wilmore, Ky.
CORBITT, PHYLLIS JEAN DAVIDSON, B.A.,	Asbury College, 1946.....	Wilmore, Ky.
CURRY, DALE WAYNE, B.S.,	Oklahoma A. & M. College, 1949.....	Vinita, Okla.
DAWSON, ROYCE EDMUND, B.S.,	Western Kentucky State College, 1949.....	Philpot, Ky.
DELANO, ROBERT HENRY, B.A.,	University of North Dakota, 1949.....	Grand Forks, N. D.
DELVAUX, THOMAS CHILDS, JR., B.A.,	Vanderbilt University, 1949.....	Glasgow, Ky.
FENTRESS, JAMES VANCE, B.A.,	Vanderbilt University, 1949.....	Goodlettsville, Tenn.
GARRISON, RUFUS JAMES, B.S.,	George Peabody College, 1948.....	Nashville, Tenn.
GILLESPIE, GUY TILLMAN, JR., B.A.,	University of Mississippi, 1948.....	Jackson, Miss.
HAYWOOD, THEODORE JOSEPH, B.S.,	The Citadel, 1948.....	Concord, N. C.
HOOPER, CLIFFORD HAROLD.....		Asheville, N. C.
HOWIE, VIRGIL MITCHELL, B.A.,	Vanderbilt University, 1949.....	Jackson, Miss.
JONES, WESLEY FLETCHER, JR., B.A.,	Vanderbilt University, 1949.....	Jackson, Tenn.
KINNEY, TAZ WILLIAM, B.S.,	Murray State College, 1949.....	Benton, Ky.
KNIGHT, JAMES ALLEN, B.A.,	Wofford Coll., 1941; B.D., Duke Univ., 1944	St. George, S.C.
LASSITER, LAWRENCE H., B.A.,	Vanderbilt University, 1949.....	Chattanooga, Tenn.
MARABLE, SAMUEL ADDISON, B.A.,	Vanderbilt University, 1949.....	Clarksville, Tenn.
MARSH, WILLIAM HOLLISTER, B.S.,	University of Chattanooga, 1949.....	Chattanooga, Tenn.
MCCAMPBELL, STANLEY REID, B.A.,	Vanderbilt University, 1949.....	Oklahoma City, Okla.
MCCARTY, JAMES EARL, B.S.,	East Central State College, 1948.....	Nashville, Tenn.
MCGILL, KENNETH HARWOOD, B.A.,	Erskine College, 1948.....	Clover, S. C.
MORGAN, JAMES ORVILLE, JR., B.S.,	University of Alabama, 1949.....	Gadsden, Ala.
NORMAN, WILLIAM RAYMOND, JR., B.S.,	Alabama Polytechnic Inst., 1949	Montgomery, Ala.
PIPKIN, FRED STANLEY, JR., B.S.,	Middle Tennessee State College, 1949.....	Lafayette, Tenn.
PITTS, ROBERT MARSHALL, B.S.,	University of Alabama, 1948.....	Tuscaloosa, Ala.
QUALLS, GENE THOMAS, B.S.,	University of Kentucky, 1948.....	New Castle, Ky.
ROGERS, HENRY HAMILTON, B.A.,	Vanderbilt University, 1948.....	Nashville, Tenn.
ROY, ROBERT MONROE, B.A.,	Vanderbilt University, 1949.....	Columbus, Miss.
RUBLE, PAUL E., B.A.,	Vanderbilt University, 1949.....	Nashville, Tenn.
SCHMIDT, LEWIS ADELBERT, III, B.A.,	Vanderbilt University, 1949.....	Lookout Mt., Tenn.
SCOTT, GEORGE EDWARD, B.S.,	University of Georgia, 1948.....	Athens, Ga.
SHMERLING, ABRAM CARL, B.A.,	Vanderbilt University, 1949.....	Augusta, Ga.

NAME	INSTITUTION	HOME ADDRESS
STEMPFEL, ROBERT SIEGFRIED, JR.		Nashville, Tenn.
STEPHENSON, CHARLES DOUGLAS, B.A.	University of Tennessee, 1948.	Nashville, Tenn.
TANNER, JOHN MAYO, B.A.	Vanderbilt University, 1949.	Ashland, Ky.
WADDINGTON, WILLIAM BROWN, B.A.	Vanderbilt University, 1948.	Nashville, Tenn.
WINELAND, HERBERT LEE, B.A.	Colorado College, 1946.	Nashville, Tenn.
WORTHAM, GEORGE FORRESTER, JR., B.A.	Vanderbilt University, 1949.	Waco, Tex.

THIRD-YEAR CLASS

Session September, 1951—June, 1952

ANDERSON, JAMES SUMPTER, JR., B.A.	Vanderbilt University, 1950.	Nashville, Tenn.
BAKER, LARRY DUANE, B.A.	University of North Dakota, 1950.	Grand Forks, N. D.
BARKSDALE, JANE MOORE, B.A.	Connecticut College, 1945.	Charleston, W. Va.
BARNES, LOUIS ROBERTS, JR., B.A.	Vanderbilt University, 1950.	Nashville, Tenn.
BARRINGER, THAD JONES, B.S.	Davidson College, 1949.	Florence, S. C.
BRANCH, CHARLES LEON, B.A.	Vanderbilt University, 1949.	Jackson, Tenn.
BRYAN, DONALD McIVER, B.S.	University of Florida, 1947.	Mulberry, Fla.
CALLISON, WILLIAM JOSEPH, B.S.	Western Ky. State College, 1950.	Columbia, Ky.
CAUGHRAN, BENNETT WILEY, B.A.	Vanderbilt University, 1950.	Fayetteville, Tenn.
CLIFFORD, SAMUEL LAWRENCE, B.A.	Vanderbilt University, 1950.	Pensacola, Fla.
CONNOR, OSCAR WEIR, JR., B.S.	Millsaps College, 1949.	Jackson, Miss.
CRESS, ROBERT HENRY, B.A.	Vanderbilt University, 1950.	Lewisburg, Tenn.
CROMEANS, JOE GRAHAM, B.A.	Vanderbilt University, 1950.	Belmont, Miss.
CULLEY, THOMAS SOMERVILLE, B.A.	University of Mississippi, 1950.	Oxford, Miss.
CURTS, GEORGE CLIFTON, III, B.A.	Lambuth College, 1950.	Jackson, Tenn.
DENNEY, SAM JOSEPH, B.A.	University of Virginia, 1948.	Milan, Tenn.
DERRYBERRY, JOHN SELLEY, B.A.	Vanderbilt University, 1950.	Columbia, Tenn.
EDWARDS, WILLIAM HAWKINS, B.A.	Vanderbilt University, 1949.	Nashville, Tenn.
EVANS, HENRY CLAY, JR., B.A.	Milligan College, 1950.	Manchester, Tenn.
FELDHAUS, JOSEPH HENRY, JR., B.A.	Vanderbilt University, 1950.	Lawrenceburg, Tenn.
FISHER, JAMES EDWARD, B.A.	Murray State College, 1948.	Earlington, Ky.
GREEN, PAUL ARNOLD, JR., B.A.	Vanderbilt University, 1950.	Nashville, Tenn.
HARRIS, WILLIAM ALBERT, B.A.	Vanderbilt University, 1949.	Old Hickory, Tenn.
HARWOOD, THOMAS RIEGEL, B.S.	Georgetown University, 1949.	Falls Church, Va.
HEADRICK, JAMES ROBERT, B.S.	Tennessee Polytechnic Institute, 1950.	Oakdale, Tenn.
HIBBETT, LESTER LEE, B.A.	Florence State Teachers College, 1949.	Florence, Ala.
HOWARD, CECIL BYRON, B.A.	Vanderbilt University, 1949.	Louellen, Ky.
HUNT, CHARLES FENTON, JR., B.A.	Vanderbilt University, 1948.	Memphis, Tenn.
KIMBROUGH, EDWARD ERNEST, III, B.A.	Vanderbilt University, 1950.	Gainesville, Ga.
LESTER, RICHARD LEON, JR., B.A.	Vanderbilt University, 1950.	Pulaski, Tenn.
MACLURE, JOHN GRANT, B.A.	Vanderbilt University, 1949.	Miami, Fla.
MARK, JAMES B. D., B.A.	Vanderbilt University, 1950.	New York, N. Y.
MARTIN, JACK, B.S.	University of Alabama, 1949.	Northport, Ala.
MASSIE, RALPH WILLIAMS, B.A.	Vanderbilt University, 1950.	Woodsfield, Ohio
MCCALL, CHARLES BARNARD, B.A.	Vanderbilt University, 1950.	Memphis, Tenn.
McHENRY, LAUDIE ELBERG, JR., B.A.	Vanderbilt University, 1950.	Nashville, Tenn.
MOORE, JEFF ROBERTSON, B.A.	Vanderbilt University, 1950.	Jackson, Miss.
MYERS, JOHN LEE, B.A.	Vanderbilt University, 1950.	Nashville, Tenn.
OWSLEY, JOHN QUINCY, JR., B.A.	Vanderbilt University, 1950.	Arlington, Va.
PAYNE, FRED WILLIAM, JR., B.A.	Vanderbilt University, 1950.	Chattanooga, Tenn.
PEBLER, MILTON BOOTH, B.A.	Vanderbilt University, 1949.	Huntsville, Ala.
RANDOLPH, JUDSON GRAVES, B.A.	Vanderbilt University, 1950.	Nashville, Tenn.

NAME	INSTITUTION	HOME ADDRESS
RAWLINGS, JOHN THOMAS, B.S.,	University of Kentucky, 1949.....	Lawrenceburg, Ky.
REINSCHMIDT, JULIAN STEPHEN, B.A.,	Vanderbilt University, 1950.....	Pensacola, Fla.
RIDDLE, BILLY JOE, B.A.,	University of Kentucky, 1950.....	Lionilli, Ky.
TOWNES, ALEXANDER SLOAN, B.A.,	Vanderbilt University, 1950.....	Birmingham, Ala.
WEATHERALL, THOMAS JEFFERSON, JR., B.S.,	University of Alabama, 1950	Kosciusko, Miss.
WILLIAMS, JOHN ROBERT, JR., B.S.,	Mississippi College, 1949.....	Itta Bena, Miss.
WINSTON, NATHANIEL TAYLOR, JR., B.A.,	Vanderbilt University, 1950.....	Johnson City, Tenn.
WITT, RAYMOND RAMSEY, B.A.,	Vanderbilt University, 1950.....	Chattanooga, Tenn.
WOOLDRIDGE, DEAN HUDSON, B.S.,	Texas Christian University, 1950.....	Altus, Okla.

SECOND-YEAR CLASS

Session September, 1951—June, 1952

BEAVER, DAVID LAWRENCE, JR., B.A.,	Vanderbilt University, 1951.....	Nashville, Tenn.
BLAKE, WYATT HEFLIN, III, B.S.,	University of the South, 1950.....	Sheffield, Ala.
BOLDT, JOHN WESLEY, B.A.,	Vanderbilt University, 1951.....	San Antonio, Tex.
BURRUS, SWAN BRASFIELD, B.A.,	Vanderbilt University, 1951.....	Hendersonville, Tenn.
CALLAWAY, HENRY ABBOTT, JR., B.S.,	Maryville College, 1950.....	Maryville, Tenn.
CANBY, JOHN PRICE, B.A.,	Vanderbilt University, 1951.....	San Antonio, Tex.
CARNEY, SAM WRAKLEY, JR., B.A.,	Vanderbilt University, 1951.....	Tulahoma, Tenn.
CLOWDUS, BERNARD FREDERICK, II, B.A.,	Vanderbilt University, 1951.....	Fort Walton, Fla.
CLYDE, WALLACE ALEXANDER, JR., B.A.,	Vanderbilt University, 1951.....	Birmingham, Ala.
CREWS, ROBERT LEE, B.S.,	University of Oklahoma, 1950.....	Tulsa, Okla.
DRAKE, JAMES ROBERT, B.S.,	Western Kentucky State College, 1950.....	Taylorville, Ky.
DUNGAN, WILLIAM THOMPSON, JR., B.A.,	Vanderbilt University, 1951.....	Little Rock, Ark.
FARMER, BILLY LIGON, B.S.,	University of Alabama, 1951.....	Birmingham, Ala.
FAULK, WALLACE HUNTER, JR., B.A.,	Vanderbilt University, 1951.....	Dothan, Ala.
GREEN, BYRON EDISON, JR., B.A.,	Vanderbilt University, 1951.....	Hattiesburg, Miss.
GRISCOM, JOHN HOOVER, B.A.,	Vanderbilt University, 1951.....	Nashville, Tenn.
GROTE, CARL AUGUST, JR., B.A.,	Vanderbilt University, 1950.....	Huntsville, Ala.
HALE, CARL RAY, B.A.,	Vanderbilt University, 1951.....	Pass Christian, Miss.
HARWELL, VALTON CARDEN, JR., B.A.,	Vanderbilt University, 1951.....	Fayetteville, Tenn.
HUFFMAN, BERNARD LESLIE, JR., B.A.,	Vanderbilt University, 1951.....	Shelbyville, Tenn.
ISOM, JOHN BURNACE, B.A.,	Vanderbilt University, 1950.....	Miami, Fla.
JOHNSON, JOSEPH EGGLESTON, III, B.A.,	Vanderbilt University, 1951.....	Atlanta, Ga.
KAPLAN, HERMAN JACOB, B.A.,	Southwestern University, 1950.....	Memphis, Tenn.
MALLOY, BERNARD MATHIS, B.A.,	Lambuth College, 1951.....	Jackson, Tenn.
MARCHAND, JOHN HAROLD, JR., B.S.,	University of the South, 1950.....	Greenwood, Miss.
MAYFIELD, GEORGE RADFORD, JR., B.A.,	Vanderbilt University, 1950.....	Nashville, Tenn.
MCKEITHEN, WALTER SHANDS, JR., B.S.,	University of the South, 1950.....	Jacksonville, Fla.
MCREYNOLDS, REK, JR., B.S.,	University of Alabama, 1950.....	San Antonio, Tex.
MILLER, LUTHER EDWIN, B.S.,	Millsaps College, 1950.....	Decatur, Miss.
MOORE, GENE, B.S.,	Carsos-Newman College, 1950.....	Cleveland, Tenn.
NASH, HOKE SMITH, JR., B.S.,	University of Georgia, 1950.....	Athens, Ga.
OMAINSKY, WALTER, B.S.,	University of Miami, 1950.....	Miami, Fla.
PAPLANUS, SAMUEL HARRIS, B.A.,	Vanderbilt University, 1950.....	Winchester, Tenn.
PITTS, WILLIAM JEROME, B.A.,	Vanderbilt University, 1951.....	Birmingham, Ala.
REED, ROBERT MURPHY, B.S.,	Western Kentucky State College, 1950.....	Mayfield, Ky.
RIDDICK, FRANK ADAMS, JR., B.A.,	Vanderbilt University, 1951.....	Memphis, Tenn.
ROBERTS, EDWIN RIDLEY, JR., B.A.,	Vanderbilt University, 1950.....	Fairfield, Ala.
ROSS, JOE COMER, B.S.,	University of Kentucky, 1950.....	Tompkinsville, Ky.
SAMPLER, DON MARSHALL, B.A.,	Westminster College, 1950.....	Waurika, Okla.

NAME	INSTITUTION	HOME ADDRESS
SCOTT, PAUL WILLES, B.A.,	University of Kentucky, 1950.....	Lexington, Ky.
SEITZMAN, DAVID MURRAY, B.A.,	Vanderbilt University, 1951.....	Nashville, Tenn.
SIERS, MARY ROSE, B.S., 1948; M.S., 1950,	Florida State University.....	Largo, Fla.
STONEY, WILLIAM SHANNON, JR., B.S.,	University of the South, 1950.....	Anniston, Ala.
STROUP, JOSEPH GARLAND, B.A.,	University of Alabama, 1950.....	Anniston, Ala.
SUGG, JOHN THOMAS, III, B.A.,	Vanderbilt University, 1951.....	Brentwood, Tenn.
TRIBBLE, DAVID EDGAR, B.A.,	Erskine College, 1949.....	Clinton, S. C.
TURNER, GEORGE PALMER, JR., B.A.,	Howard College, 1948.....	Birmingham, Ala.
WAGGENER, JOHN DEWITT, B.S.,	Mississippi College, 1950.....	Jackson, Miss.
WEBSTER, BRUCE STUART, B.A.,	Emory University, 1950.....	Winter Park, Fla.
WOLFSON, SORRELL LOUIS, B.S.,	University of Florida, 1949.....	Tampa, Fla.
WORLEY, LEE MCBRIDE, II, B.S.,	University of Florida, 1949.....	Miami, Fla.
YOUNG, EDWIN REYNOLDS, JR., B.A.,	Erskine College, 1949.....	Due West, S. C.

FIRST-YEAR CLASS

Session September, 1951—June, 1952

ALEXANDER, JAMES ALAN, Sr. in Absentia,	University of Alabama.....	Covington, Ky.
ALFORD, WILLIAM CUTTER, JR., Sr. in Absentia,	Vanderbilt University.....	Nashville, Tenn.
ARMSTRONG, EDWARD LIVINGSTON, Sr. in Absentia,	Vanderbilt Univ.....	Columbia, Tenn.
BABCOCK, ROY HUSTON, B.S.,	University of the South, 1951.....	Sanford, Fla.
BLECKLEY, BENJAMIN BELL, III, B.A.,	Erskine College, 1951.....	Anderson, S. C.
BOND, JOHN BENJAMIN, III, Sr. in Absentia,	Austin Peay College.....	Clarksville, Tenn.
BURKE, HERBERT ANDERSON, JR., Sr. in Absentia,	Vanderbilt University.....	Pensacola, Fla.
BURRUS, GEORGE ROBERT, Sr. in Absentia,	Vanderbilt University.....	Hendersonville, Tenn.
BUSIEK, ERWIN FRED, B.A.,	Southwest Mo. State College, 1950.....	Springfield, Mo.
CARMICHAEL, JOHN LESLIE, JR., B.A.,	Vanderbilt University, 1951.....	Birmingham, Ala.
CLARE, WILLIAM McLEAN, B.A.,	Vanderbilt University, 1951.....	Nashville, Tenn.
*COKE, ESTHER UNDERWOOD, B.A.,	Wellesley College, 1951.....	Auburn, Ky.
CORTNER, JEAN ALEXANDER, Sr. in Absentia,	Vanderbilt University.....	Memphis, Tenn.
CROFFORD, OSCAR BLEDSOE, JR., Sr. in Absentia,	Vanderbilt University.....	Memphis, Tenn.
DOLAN, DANIEL LYNN, Sr. in Absentia,	Vanderbilt University.....	Johnson City, Tenn.
FOLEY, JUNE AYCOCK, MRS., B.A.,	Vanderbilt University, 1951.....	Athens, Ala.
GRAHAM, ANGUS WOODWARD, JR., B.S.,	University of the South, 1951.....	Miami, Fla.
GROSS, JAMES DEHNERT, B.S.,	University of Chattanooga, 1951.....	Chicago, Ill.
HALL, WALLACE HOWARD, JR., B.S.,	University of the South, 1951.....	Montgomery, Ala.
*HARTFIELD, WILLIAM FREDERICK, JR., B.A.,	Yale University, 1951.....	St. Paul, Minn.
HASKELL, SAUL SIMON, Sr. in Absentia,	Vanderbilt University.....	Newark, N. J.
HEFNER, JAMES DONALD, Sr. in Absentia,	Vanderbilt University.....	Ocala, Fla.
HOB DY, CHARLIE JOE, B.A., 1949; M.A.,	Vanderbilt University, 1950.....	Nashville, Tenn.
JOHNSTON, CHAMBLESS RAND, B.A.,	Princeton University, 1951.....	Clayton, Mo.
KILLEN, DUNCAN ARNOLD, Sr. in Absentia,	Vanderbilt University.....	Florence, Ala.
LONG, ROBERT GORDON, Sr. in Absentia,	Vanderbilt University.....	Nashville, Tenn.
LYONS, ARTHUR EDWARD, Sr. in Absentia,	Columbia College.....	Flushing, N. Y.
McKEY, ROBERT MILROY, JR., B.S.,	University of the South, 1951.....	Miami, Fla.
McMURRY, JOSEPH SEARLE, B.A.,	University of Tennessee, 1951.....	Knoxville, Tenn.
MEADOR, CLIFTON KIRKPATRICK, Sr. in Absentia,	Vanderbilt University.....	Greenville, Ala.
MHIERS, HENRY NICHOLAS, Sr. in Absentia,	Vanderbilt University.....	Nashville, Tenn.
MOORE, EDWARD WELDON, Sr. in Absentia,	Vanderbilt University.....	Madisonville, Ky.

*Withdraw before end of the year.

VANDERBILT UNIVERSITY

NAME	INSTITUTION	HOME ADDRESS
MOORE, RICHARD BENJAMIN, JR., Sr. in Absentia,	Vanderbilt University	Union City, Tenn.
NICHOLSON, CHARLES HENRY, Sr. in Absentia,	Vanderbilt University	Harlan, Ky.
NICHOPOULOS, GEORGE CONSTANTINE, B.S.,	University of the South, 1951	Anniston, Ala.
PORCH, PHILLIP PULLEN, JR., B.A.,	Vanderbilt University, 1951	Nashville, Tenn.
PUCKETT, WALTER, III, Sr. in Absentia,	Vanderbilt University	Birmingham, Ala.
REEVES, GILVIE LUSTER, JR., B.A.,	Vanderbilt University, 1951	Tampa, Fla.
REGEN, EUGENE MARSHALL, JR., B.S.,	Davidson College, 1951	Nashville, Tenn.
REYNOLDS, VERNON HARRY, Sr. in Absentia,	Vanderbilt University	Valparaiso, Fla.
RICE, JACK OVERTON, Sr. in Absentia,	Vanderbilt University	Hickman, Ky.
SANDERS, ROBERT SMITH, Sr. in Absentia,	Vanderbilt University	Tullahoma, Tenn.
SCHWARTZ, MARVIN HAROLD, Sr. in Absentia,	Vanderbilt University	Nashville, Tenn.
SELLERS, ROBERT DOUGLAS, Sr. in Absentia,	Vanderbilt University	Nashville, Tenn.
SMITH, CHANDLER HARGROVE, Sr. in Absentia,	Vanderbilt University	Clayton, Ala.
STOCKING, MYRON RALPH, B.A.,	Harvard University, 1951	Nashville, Tenn.
STORY, JIMMY LEWIS, Sr. in Absentia,	Texas Christiana University	Alice, Texas
STREET, HERBERT SHEPPARD, B.S.,	Mississippi College, 1951	Laurel, Miss.
TERRILL, WILLARD OAKES, III, Sr. in Absentia,	Vanderbilt University	Nashville, Tenn.
*UTLEY, JAMES WILLIAM, B.A.,	Vanderbilt University, 1951	Nashville, Tenn.
UTLEY, VIRGINIA ANNE, B.A.,	Vanderbilt University, 1948	Nashville, Tenn.
WILSON, JOHN REUBEN, Sr. in Absentia,	University of Oklahoma	Chickasha, Okla.
WILSON, WILLIAM BAER, Sr. in Absentia,	Vanderbilt University	Greenwood, Miss.

*Withdraw before end of the year.

INTERNSHIPS AND APPOINTMENTS

CLASS OF JUNE, 1952

ABRAMSON, JEROME HERMAN.....	Nashville, Tenn.
Vanderbilt University Hospital	
ARRINGTON, JOE ORAN, JR.....	New York, N. Y.
New York Hospital	
BAILEY, JOSEPH C.....	Nashville, Tenn.
Vanderbilt University Hospital	
BEASLEY, OSCAR CARL, JR.....	Iowa City, Iowa
University of Iowa Hospital	
BLACKBURN, WILLIAM HODGE.....	Jacksonville, Fla.
U. S. Naval Hospital	
BOYD, HERSCHELL HOOD.....	Baltimore, Md.
U. S. Marine Hospital	
BROCK, CHARLES CARLISLE, JR.....	Miami, Fla.
Jackson Memorial Hospital	
BROOKS, ARTHUR LEROY.....	Atlanta, Ga.
Piedmont Hospital	
BROWN, ERNEST LADD.....	Nashville, Tenn.
Vanderbilt University Hospital	
BRYAN, LOUIS.....	Baltimore, Md.
Baltimore City Hospital	
BUTTERWORTH, JOE S.....	Jacksonville, Fla.
U. S. Naval Hospital	
COCHRAN, DONALD QUINTON.....	Ann Arbor, Mich.
University of Michigan Hospital	
COLE, RICHARD DAVIS.....	Iowa City, Iowa
University of Iowa Hospital	
CORBITT, DUVON CLOUGH, JR.....	Nashville, Tenn.
Vanderbilt University Hospital	
CORBITT, PHYLLIS JEAN DAVIDSON.....	Nashville, Tenn.
Vanderbilt University Hospital	
CURRY, DALE WAYNE.....	Oklahoma City, Okla.
Wesley Hospital	
DAWSON, ROYCE EDMUND.....	Nashville, Tenn.
Vanderbilt University Hospital	

DELANO, ROBERT H..... Saginaw General Hospital	Saginaw, Mich.
DELVAUX, THOMAS CHILDS, JR..... Vanderbilt University Hospital	Nashville, Tenn.
FENTRESS, JAMES VANCE..... Harper Hospital	Detroit, Mich.
GARRISON, RUFUS JAMES..... Vanderbilt University Hospital	Nashville, Tenn.
GILLESPIE, GUY TILLMAN, JR..... Barnes Hospital	St. Louis, Mo.
HAYWOOD, THEODORE JOSEPH..... St. Louis Children's Hospital	St. Louis, Mo.
HOOVER, CLIFFORD HAROLD..... Harper Hospital	Detroit, Mich.
HOWIE, VIRGIL MITCHELL..... Medical College of Virginia Hospital	Richmond, Va.
JONES, WESLEY FLETCHER, JR..... John Gaston Hospital	Memphis, Tenn.
KINNEY, TAZ WILLIAM..... Tucson Medical Center	Tucson, Ariz.
KNIGHT, JAMES ALLEN..... Grady Memorial Hospital	Atlanta, Ga.
LASSITER, LAWRENCE H..... Evanston Hospital	Evanston, Ill.
MARABLE, SAMUEL ADDISON..... Johns Hopkins University Hospital	Baltimore, Md.
MARSH, WILLIAM HOLLISTER..... University of Virginia Hospital	Charlottesville, Va.
McCAMPBELL, STANLEY REID..... Bellevue Hospital (Cornell Section)	New York, N. Y.
McCARTY, JAMES E..... Vanderbilt University Hospital	Nashville, Tenn.
McGILL, KENNETH HARWOOD..... Vanderbilt University Hospital	Nashville, Tenn.
MORGAN, JAMES ORVILLE, JR..... Johns Hopkins University Hospital	Baltimore, Md.

- NORMAN, WILLIAM RAYMOND, JR.-----Nashville, Tenn.
Nashville General Hospital
- PIPKIN, FRED STANLEY, JR.-----Louisville, Ky.
Louisville Children's Hospital
- PITTS, ROBERT MARSHALL-----Nashville, Tenn.
Vanderbilt University Hospital
- QUALLS, GENE THOMAS-----Nashville, Tenn.
Vanderbilt University Hospital
- ROGERS, HENRY HAMILTON-----Nashville, Tenn.
Vanderbilt University Hospital
- ROY, ROBERT MONROE-----St. Louis, Mo.
Barnes Hospital
- RUBLE, PAUL E.-----Detroit, Mich.
Henry Ford Hospital
- SCHMIDT, LEWIS ADELBERT, III-----Chicago, Ill.
Presbyterian Hospital
- SCOTT, GEORGE EDWARD-----Philadelphia, Pa.
Philadelphia General Hospital
- SHMERLING, ABRAM CARL-----Nashville, Tenn.
Vanderbilt University Hospital
- STEMPFEL, ROBERT SIEGFRIED, JR.-----Nashville, Tenn.
Vanderbilt University Hospital
- STEPHENSON, CHARLES DOUGLAS-----Nashville, Tenn.
Vanderbilt University Hospital
- TANNER, JOHN MAYO-----Detroit, Mich.
Harper Hospital
- WADLINGTON, WILLIAM BROWN-----Nashville, Tenn.
Vanderbilt University Hospital
- WINELAND, HERBERT LEE-----Nashville, Tenn.
Vanderbilt University Hospital
- WORTHAM, GEORGE FORREST, JR.-----New Haven, Conn.
Grace-New Haven Community Hospital

PRIZES, SCHOLARSHIPS AND MEDALS

FOR THE YEAR 1951-1952

FOUNDER'S MEDAL FOR SCHOLARSHIP

SAMUEL ADDISON MARABLE.....Clarksville, Tenn.

AMERICAN ACADEMY OF DENTAL MEDICINE AWARD

Established to further the correlation of dentistry and medicine and awarded to the fourth-year student showing the highest degree of interest and proficiency in dental medicine.

PHYLLIS JEAN DAVIDSON CORBITT.....Wilmore, Ky.

BEAUCHAMP SCHOLARSHIP

Endowed and awarded in the School of Medicine in the Department of Psychiatry.

JOE ORAN ARRINGTON, JR.....Lubbock, Tex.

BORDEN UNDERGRADUATE RESEARCH AWARD IN MEDICINE

Awarded for the most meritorious undergraduate research in the medical field.

GENE THOMAS QUALLS.....New Castle, Ky.

THE G. CANBY ROBINSON AWARD (LASKER FOUNDATION)

Awarded for the best clinical history recorded by a third-year student.

JOHN SELLEY DERRYBERRY.....Columbia, Tenn.

ALPHA OMEGA ALPHA

FOURTH-YEAR CLASS

Jerome Herman Abramson.....Nashville, Tenn.
 Joe Oran Arrington, Jr.....Lubbock, Tex.
 Ernest Ladd Brown.....Mobile, Ala.
 Donald Quinton Cochran.....Carmi, Ill.
 Robert H. DeLano.....Grand Forks, N. D.
 Samuel Addison Marable.....Clarksville, Tenn.
 Robert Monroe Roy.....Columbus, Miss.
 Abram Carl Shmerling.....Augusta, Ga.
 Herbert Lee Wineland.....Nashville, Tenn.

THIRD-YEAR CLASS

James Robert Headrick.....Oakdale, Tenn.
 Ralph Williams Massie.....Nashville, Tenn.
 Charles Bernard McCall.....Memphis, Tenn.

SCHEDULE OF COURSES
FOR DATES SEE CALENDAR, PAGE 5
FIRST YEAR—FIRST SEMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-11:00	Gross Anatomy	Gross Anatomy	Gross Anatomy	Gross Anatomy	Gross Anatomy	Gross Anatomy
11:00-12:00		Gross Anatomy	Personality and Soc. Relations	Gross Anatomy		
1:00-2:00	Histology	Histology	*Library		Histology	
2:00-3:00	Histology and Neurology	Histology and Neurology		Gross Anatomy	Histology and Neurology	
3:00-5:00						

*One library lecture for entire class the first Wednesday after instruction begins.

FIRST YEAR—SECOND SEMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-9:00	Biochemistry	Physiology	Biochemistry	Physiology	Biochemistry	Physiology
9:00-11:00	Biochemistry	Physiology	Biochemistry	Physiology	Biochemistry	Physiology
11:00-12:00			Personality and Social Relations			
1:00-2:00			*Library			
2:00-5:00	Biochemistry	Physiology		Physiology	Biochemistry	

*On the first Wednesday there will be a lecture for the entire class. On succeeding Wednesdays students in groups of ten will receive instruction in Medical Bibliography with the groups arranged alphabetically and each student will attend one exercise.

SECOND YEAR—FIRST TRIMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-11:00	Pathology	Pathology	Pathology	Pathology	Pathology	Bacteriology
11:00-12:00	Bacteriology		Bacteriology		Bacteriology	
1:00-2:00		Military Science				
2:00-5:00	Bacteriology		Bacteriology	Medical Statistics	Bacteriology	

SECOND YEAR—SECOND TRIMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-9:00						
9:00-11:00	Parasitic Diseases	Pathology	Pharmacology	Parasitic Diseases	Pathology	Pathology
11:00-12:00	Pharmacology			Pharmacology		Pharmacology
1:00-2:00				Military Science		
2:00-5:00	Pathology	Neurology	Pharmacology		Neurology	

SECOND YEAR—THIRD TRIMESTER

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-9:00	Introduction to Clin. Med.	Med. & Surg. Clinic (alternating) (with 4th yr.)	Introduction to Clin. Med.	Introduction to Clin. Med.	Introduction to Clin. Med.	Introduction to Clin. Med.
9:00-10:00	Intro. Clin. Med.	Clinical Pathology	Intro. Clin. Med.	Intro. Clin. Med.		Intro. Clin. Med.
10:00-11:00	Psychodynamics	Intro. Clin. Med.	Psychodynamics	Clinical Pathology	Psychodynamics	
11:00-12:00	Nutrition	Intro. Clin. Med.	Obstetrics	Intro. Clin. Med.	Nutrition	Obstetrics
1:00-2:00	Intro. Clin. Med.	Military Science	Intro. Clin. Med.	Intro. Clin. Med.	$\frac{1}{2}$ class Physical Diagnosis	
2:00-4:00	Clinical Pathology		$\frac{1}{2}$ class Physical Diagnosis	Clinical Pathology	$\frac{1}{2}$ class Radiology	
4:00-5:00					C. P. C.	

N. B. Intro. Clin. Med. Introduction to Clinical Medicine is a correlated course of lectures and demonstrations designed to prepare the student for ward work.

SUMMER QUARTER—SCHEDULE OF THIRD-YEAR CLASS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-9:00	W A R D R O U N D S					
9:00-5:00	<p>The class is divided into two groups. One group is assigned to ward work in Medicine and Pediatrics and the other to ward work in Surgery and Gynecology. The two groups exchange at the end of five and one-half weeks</p>					

SCHEDULE OF THIRD-YEAR CLASS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-11:00	Terms: (Fall) Groups A Groups C Groups B	(Winter) B A C	(Spring) C B A	Medical Ward Work Surgical Ward Work (1) One half group—Pediatrics (2) One half group—Obstetrics		
11:00-12:00		Obstetrics (V. U. Hosp.)				
1:00-2:00		Group A, B & C Clinic V. U. Hosp. Med. & Surg.			Groups A, B & C (V. U. Hosp.) Obstetrics (S)	
2:00-3:00					Neurology (F. & W.) Dermatology(S)	
3:00-4:00		Surgical			Psychiatry (F&W) Pediatrics (S)	
4:00-5:00		Pathology			CPC	

Note: Groups A, B & C represent one-third of the class. The table in the upper half indicates the pattern of rotation of groups. F. W. & S. indicate respectively Fall, Winter and Spring terms.

SCHEDULE OF FOURTH-YEAR CLASS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:00-9:00	Ped. (F) Ped. (W) Radiol. (S)	Med. & Surg. (clinic) alternating	Ophthalmol (F) (W) Urology (S) each 16 wks.	Prev. Med. (F) Prev. Med. (W) Prev. Med. (S)	Orthoped. (F) Surg. (W) Otolaryn. (S)	Gyn. (F) Gyn. (W) Med. Jurisprud. (S)
9:00-10:00						Pediatrics (clinic)
10:00-11:00						Medicine (clinic)
11:30-12:30 (Sat. only)						Surgery (clinic)
1:00-2:00		Medicine & Surgery (clinic) alternating			Obstetrics & Gynecology ¹	
4:00-5:00					CPC	

1-Spring term, 3rd and 4th year classes meet together.

2-3rd and 4th year classes meet together.

Note: The entire class attends lectures and clinics. For work in Outpatient Service throughout the year students are assigned new patients whom they study in whichever general clinic is indicated and whom they accompany to special clinics. On return visits the patient's appointment is with the student in whichever clinic is appropriate. The assignment of patients is adjusted so that each student gets a number of patients in each of the specialties. The specific hours for clinics and lectures may be changed in accordance with the new schedule being introduced.