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NASHVILLE, TENNESSEE



MEDICAL DEPARTMENT

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REGISTER

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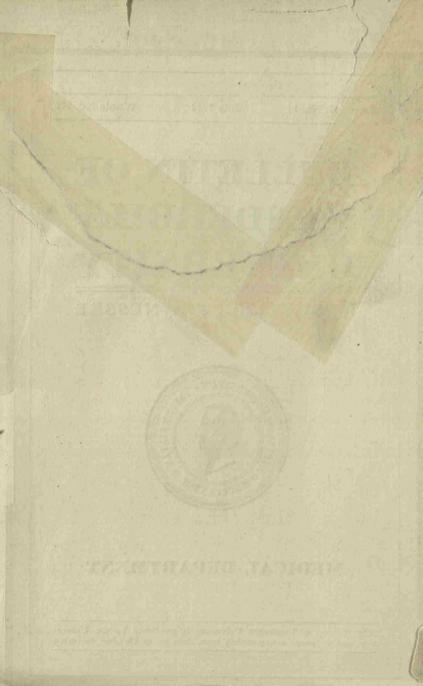
VANDERBILT UNIVERSITY

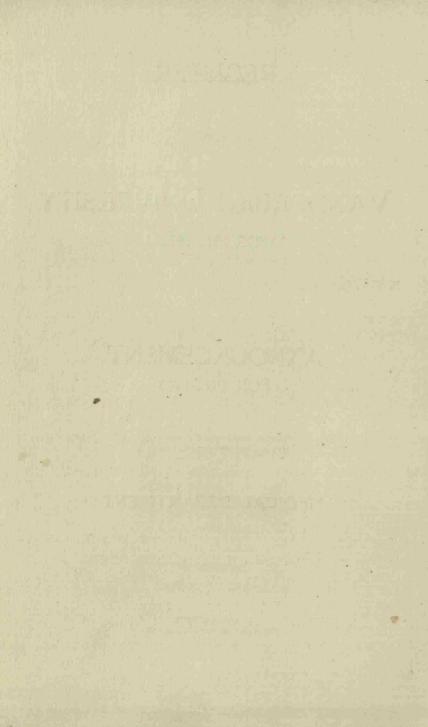
FOR 1911-1912

ANNOUNCEMENT FOR 1912-1913

MEDICAL DEPARTMENT

Nashville, Tenn. Printed for the University 1912





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^{*}The term of office expires at the annual meeting of the Board of Trust in the year indicated.

CALENDAR

SESSION 1912-'13.

1912.

SEPTEMBER 19, THURSDAY—Session begins.

NOVEMBER 28, THURSDAY-Thanksgiving Day. A Holiday.

NOVEMBER 29-Holiday.

NOVEMBER 30-Holiday.

DECEMBER 21, SATURDAY.

DECEMBER 30, MONDAY

Christmas vacation from the evening of Friday, Dec. 20th., to the morning of Tuesday Dec. 31.

1913.

January 23, Thursday—Intermediate Examinations begin. February 1, Saturday—The Second Term begins. February 22, Saturday—Holiday
May 7, Wednesday—The Final Examinations begin.
May 20, Tuesday—Commencement Exercises.

41514

GENERAL STATEMENT

FOUNDATION.

VANDERBILT UNIVERSITY owes its foundation to the munificence of Cornelius Vanderbilt, of New York, who, on the 27th of March, 1873, made a donation of Five Hundred Thousand Dollars. This was subsequently increased until the entire donation amounted to One Million Dollars.

The special donation of One Hundred and Fifty Thousand Dollars made by Mr. W. H. Vanderbilt, the son of the founder, in August, 1879, added to the Campus, Wesley Hall (a commodious structure for the use of the Biblical Department), the Gymnasium and its outfit, Science Hall, and a complete equipment of approved apparatus for instruction in engineering. In July, 1883, Mr. W. H. Vanderbilt added One Hundred Thousand Dollars to the permanent endowment of the University. In his will he bequeathed to it Two Hundred Thousand Dollars, and this sum has been added to the Endowment, which is now over One Million Dollars.

In January, 1888, Mr. Cornelius Vanderbilt, a grandson of the founder, made a donation of Thirty Thousand Dollars for the erection of a Mechanical Engineering Hall.

In April, 1899, Mr. W. K. Vanderbilt, a grandson of the founder, erected Kissam Hall, a dormitory, in memory of his mother, at a cost of about One Hundred and Fifty Thousand Dollars.

In 1911, Mr. W. K. Vanderbilt gave One Hundred and Fifty Thousand Dollars for the Medical Department and the General Education Board of New York gave an equal amount to the Endowment of the University.

Other donations, amounting to over Six Hundred Thousand Dollars, have been received from time to time from several generous patrons.

ORGANIZATION.

The University is organized with seven distinct departments, as follows:

- I. THE ACADEMIC DEPARTMENT, embracing Philosophy, Science, and Literature.
- II. THE BIBLICAL DEPARTMENT.

III. THE LAW DEPARTMENT.

IV. THE MEDICAL DEPARTMENT.

V. THE PHARMACEUTICAL DEPARTMENT.

VI. THE DENTAL DEPARTMENT.

VII. THE ENGINEERING DEPARTMENT.

Each of these departments has its Faculty of Instruction, charged with its special management.

UNIVERSITY OR WEST CAMPUS.

The West Campus is in the western part of the City of Nashville. The grounds comprise seventy acres, and from their elevation—on a level with Capitol Hill—it affords fine views on every side, and furnish the full conditions of health. The campus is lighted by electricity, and improved with drives and walks, and about a hundred and fifty varieties of shade trees.

On the campus are located about thirty buildings, consisting of the College Hall, Science Hall, Mechanical Hall, Wesley Hall, Kissam Hall, Furman Hall, Observatory, Gymnasium, Dormitories, Y. M. C. A. Building, and professors' residences.

Instruction in the Academic, Biblical, Pharmaceutical, and Engineering Departments is given in the buildings on the west campus. The Law Department occupies a handsome building on Fourth Avenue, North.

SOUTH CAMPUS.

The Medical Department and Dental Department buildings are situated on a campus comprising sixteen acres in South Nashville, known as the South Campus. The buildings are grouped in this beautiful park, which is high and healthful.

Central Hall is a beautiful stone building especially adapted for lectures and laboratory work. This building contains the heating plant which supplies heat to all of the buildings on the campus. It also contains the Chemical, Physiological and Pharmaceutical Laboratories.

PHYSICAL TRAINING.

The Gymnasium, which is situated on the University or West Campus, is a brick building, 90x60 feet, substantial, and of handsome architectural design. It has a basement, containing dress-

ing and bath rooms, and rooms for special exercises; a principal floor, for general exercise and training, and a gallery, extending around the interior of the building, in which is situated a running track. It is equipped with all modern apparatus.

An athletic field is on the West Campus and is committed to the care of the Vanderbilt Athletic Association.

The authorities of the University, in recognition of the importance of regular and systematic physical exercise during the formative period of student life, have placed the Gymnasium on the West Campus under the charge of a director who has had experience in physical training. The Gymnasium is open to all members of the University for voluntary exercise.

On the South Campus there is a large recreation ground on which the medical student may take exercise, and also a commodious building equipped with baths for the recreation of the students.

HOMES FOR STUDENTS.

Students are allowed to select their own homes in families approved by the Chancellor. There are good boarding houses near the South Campus. Whenever a change is made in the place of boarding, the student must report the same to the Secretary of the Faculty. Students so desiring, can live in the dormitories on the University or West Campus.

ALUMNI ASSOCIATION.

This Association was organized at Commencement in 1879.

Any person who has taken a degree in the University may become a member of the Association on payment of the initiation fee of one dollar.

MYLES P. O'CONNER. Secretary.

VANDERBILT MEDICAL LIBRARY.

One of the recent additions is the unusually complete medical library which was donated to the University by the Nashville Academy of Medicine. The library is open to the students of all classes daily and contains more than four thousand volumes, numerous pamphlets and complete files of all the leading periodicals.

The librarian is kept on duty throughout the day and the efficiency of this very valuable library is enhanced by a complete system of double indexing enabling the student to find his subject matter with the least possible delay. It occupies a commodious and well lighted room and students are urged to make use of it free of any cost whatsoever.

Y. M. C. A.

This organization is now the best recognized activity in our student life, having the largest and most representative membership of any student organization in College. The Association stands ready to receive all of its old friends back and to welcome all new students, seeking to provide a channel for active Christian work by and for the students. The fee is \$2.00 per year. This amount will be accepted by the City Association as paid on a student's ticket, which entitles the holder to the use of baths, gymnasium, swimming pool, etc.

Bible and Mission Study Classes are held in students' rooms. Devotional meetings held every Friday night in the College and one platform address a month by some prominent speaker have proven most helpful. A reading room, with the best medical and literary magazines, is open to all the College students.

THE GALLOWAY MEMORIAL HOSPITAL.

Vanderbilt University has given to the Board of Trustees of the Galloway Memorial Hospital a sight for the institution on the South-west corner of the South Campus consisting of three acres. This hospital is to be erected in units of the most modern construction and plan and is to cost \$500,000 when complete. Work on the hospital has begun and the detail plans are being prepared by Messrs. Hannaford and Sons who are the architects of the great New General Hospital of Cincinnati. The work of building two of the units will begin this Fall and it is expected that these units will be ready for use during the Winter of 1913.

The Medical Department of Vanderbilt University will have the exclusive clinical privileges of this hospital.

MEDICAL DEPARTMENT

FACULTY.

JAMES H. KIRKLAND, Ph.D., LL.D., D.C.L., Chancellor. WILLIAM L. DUDLEY, B.S., M.D., Dean. Professor of Chemistry.

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S. H. SHEIB, M.S., Professor of Physiological Chemistry.

J. M. KING, M.D., Professor of Dermatology and Electro-therapeutics.

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ROBERT CALDWELL, M.D., Professor of Surgical Anatomy.

PERRY BROMBERG, M.D., Professor of Genito-urinary Surgery,

McPHEETERS GLASGOW, M.D., Professor of Materia Medica and Therapeutics.

OWEN H. WILSON, B.E., M.D., Professor of Diseases of Children.

W. E. HIBBETT, M. D., Professor of Preventive Medicine and Hygiene.

LARKIN SMITH, M.D.,

Associate Professor of Pathology and Instructor in Medicine.

W. C. DIXON, M.D.,

Associate Professor of Medicine, and Superintendent of the University Hospital.

DUNCAN EVE, JR., M.D., Associate Professor of Surgery.

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A. W. HARRIS, M.D.,

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H. M. TIGERT, M.D., Associate Professor of Gynecology.

C. E. BRUSH, M.D.,

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Associate Professor of Surgery at the City Hospital.

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O. N. BRYAN, M.D., Assistant Professor of Medicine.

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Assistant Professor of Medical Jurisprudence and Assistant in Medicine.

R. W. BILLINGTON, M.D., Lecturer on Orthopedic Surgery.

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Assistant to the Chair of Eye, Ear, Nose and Throat.

DAVID R. PICKENS, M.D..

Assistant Demonstrator of Anatomy.

JOHN OVERTON, M.D., Assistant to the Chair of Gynecology. JAMES L. WALSH, M.D.,

Assistant to the Chair of Surgery. H. T. BROOKS, M.D.,

Assistant to the Chair of Nervous Diseases. H. S. JECK, B.A., M.D.,

Assistant Demonstrator of Anatomy.

E. M. SANDERS, M.D.,

Assistant Demonstrator of Anatomy W. E. REYNOLDS, M.D.,

Assistant to Chair of Gynecology and Assistant Demonstrator of Anatomy. S. S. COWAN, M.D.,

Assistant Demonstrator of Anatomy.

M. H. STEWART, M.D.,

Assistant Demonstrator of Anatomy. C. G. GRIFFIN, M.D., Assistant Demonstrator of Anatomy.

L. W. EDWARDS, M.D.,
Assistant Demonstrator of Anatomy.
JACK WITHERSPOON, M.D.,
First Assistant in Histology and Pathology and Assistant

First Assistant in Histology and Pathology and Assistant in Medicine, DABNEY MINOR, M. D.,

Instructor in Anaesthetics.
E. M. FUQUA, M.D.,
Instructor in Materia Medica.

EDWIN L. ROBERTS, A.M., M.D.,
Assistant to the Chair of Eve, Ear, Nose and Throat.

E. B. CAYCE, M.D.,
Assistant to the Chair of Eye, Ear, Nose and Throat.
HERSCHEL C. EZELL M.D.

HERSCHEL C. EZELL, M.D.,
Clinical Assistant to the Chair of Eye, Ear, Nose and Throat.
J. J. CRUMBLEY, B.S.,

J. J. CRUMBLEY, B.S.,
Instructor in Physics.
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First Assistant in Histology.
HERMAN SPITZ, M.D.,
First Assistant in Pathology.
CHAS. H. WARREN, Ph.C.,
Instructor in Pharmacy.
R. M. JONES,

R. M. JONES,
Assistant in Pharmacy,
C. B. ERICKSON,
Assistant in Histology,
W. K. SHELBY,
Assistant in Histology,
L. M. LANIER,
Assistant in Histology,
S. R. RICHARDSON,
Assistant in Physiology,
E. M. NORTON,

E. M. NORTON,
Assistant in Physiology,
W. B. LUNSFORD,
Assistant in Physiology,
J. M. LIPSCOMB,
Assistant in Chemistry,
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Assistant in Chemistry.
A. E. LEGGETT,
Assistant in Chemistry.
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Assistant in Chemistry, P. H. CHRISTIAN, Assistant in Chemistry, W. B. GODDARD, Assistant in Chemistry, H. B. SCOVERN,

H. B. SCOVERN,
Assistant in Chemistry,
S. LAWWILL,
Assistant in Chemistry.

O. G. NELSON,
Assistant in Chemistry.
W. E. WILSON, JR.,
Assistant in Chemistry.

D. B. P'POOL,
Assistant in Chemistry.
L. W. GORTON, Ph.C.,
Assistant in Pharmacy.
JOHN T. KERCHEVAL,

Bursar of Medical and Dental Departments.

A. E. GODWIN, Assistant Secretary.

PRELIMINARY STATEMENT

The Medical Department of Vanderbilt University alone occupies the field in Nashville and Middle Tennessee. Many of the leading men formerly connected with the Medical Departments of the Universities of Nashville and Tennessee are now in the faculty of Vanderbilt University.

The high character of instruction which has placed Vanderbilt University in the front rank of institutions teaching medicine in the United States will not only be continued, but will be improved, owing to the additions to the faculty and to the undivided use of the clinical material which will be at our disposal, as well as to the new and much larger facilities for instruction which have been provided.

The University has purchased the spacious and beautiful campus formerly occupied by the Peabody College for Teachers and the University of Nashville, and the buildings have been completely remodeled and one new building added to prepare them for the special uses to which they are now put.

The campus comprises 16 acres in South Nashville, covered with trees and bounded by four broad avenues. The situation is high and healthful and is but three minutes walk from the City Hospital.

A University Hospital, accommodating 100 beds, is provided for clinical purposes. The first floor is used for the large outdoor department and dispensary. It is provided with an ample number of consulting and examining rooms. In the building is a large operating room with raised seats, and every convenience known to modern surgery.

The other buildings have been converted into laboratories, lecture rooms, class rooms and demonstration rooms. All of the laboratories have been remodeled and many of them are new.

A commodious office and administration building is centrally located on the South Campus, and a book store, library, reading room, Y. M. C. A. rooms, recreation hall, and athletic field are also on the ground.

BEGINNING OF SESSION.

The session will begin on Thursday, September 19, 1912, and close on Tuesday, May 20, 1913.

All students should present themselves punctually at the opening of the session. The loss of a few lectures at the beginning of the session may prove to be of serious embarrassment to subsequent progress.

COURSE OF STUDY.

The course of study extends through four regular sessions, each being eight months in length. The course is strictly graded so that the sequence of subjects is logical; thus the student loses no time through needless repetition, and is not introduced into subjects before he is prepared to derive the greatest benefits from the instruction.

Special courses are open to graduates in medicine who wish to pursue some special line of study or research.

The session is divided into two terms. The first beginning with the college year and the second beginning Feb. 1st.

METHODS OF TEACHING.

The method of teaching in the class room is by didactic lectures and recitations. The recitation feature, supplemented by incidental lecturing and discussion, will be emphasized. Great stress will be laid on personal instruction in the clinics, laboratories, and demonstration rooms. Bed-side instruction will be given the advanced classes. The clinics will be carried on during the entire year. Students are required to attend all exercises of the classes to which they have been admitted.

EXAMINATION.

Each class will be examined at the middle and end of the session. A student falling below the required grade in any subject may be permitted to make up the deficiency at the beginning of the next session by satisfactorily passing a special examination in the subject in which he is deficient, provided his grade is over 55 per cent, otherwise, he will be required to repeat the work next year.

If a student fails to satisfactorily complete his work in three or more subjects in any year, he shall take the whole year's work over.

Credit for a full course of instruction will not be given unless the student remains throughout the session and successfully passes all the examination in the subjects required in the class for which he desires credit.

Examinations during the lecture hour may be held at any time, at the option of the professor.

A candidate for graduation failing to pass in not more than two subjects will be granted a second examination, provided the average grade of his first examination is not less than sixty-five per cent.

Entrance examinations for the first-year class will be held September 16, 17 and 18 in College Hall on the West Campus. Those applying for advanced standing and for the removal of conditions, will be examined September 19-20-21, on the South Campus.

HONOR ROLL.

Students attaining a grade of ninety per cent in any class will have their names placed on the Honor Roll, which will be published in the Commencement Programme.

REQUIREMENTS FOR ADMISSION.

No one will be admitted to any class previous to matriculation. All candidates for admission must be of good moral character, and not less than eighteen years of age.

Each student applying for admission without condition must possess scholastic attainments equal to 14 units.

The National Conference Committee on Standards of Colleges and Secondary Schools, at its meeting in 1909, recommended the following statement of what should be considered a unit:

A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work.

This statement is designed to afford a standard of measurement for the work done in secondary schools. It takes the fouryear high school course as a basis, and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length, and that the study is pursued for four or five periods a week; but, under ordinary circumstances, a satisfactory year's work in any subject cannot be accomplished in less than one hundred and twenty, sixty-minute periods or their equivalent. Schools organized on any other than a four-year basis can, nevertheless, estimate their work in terms of this unit.

Should the applicant for admission not possess a diploma of graduation from some literary or scientific institution of learning, or from some recognized high school, he may present a certificate showing the subjects and text-books he has studied, with the time spent on each. His work will be passed on, and if deficient he must make up such deficiency by examination before entrance.

Application blanks for admission will be furnished by the Secretary on request. They should be filled out as early as possible and the candidate for admission will be notified promptly of any deficiencies in his record.

ADVANCED STANDING.

A student who has attended one or more courses at a medical college, which is a member of the Association of American Medical Colleges, desiring to enter this institution, will be given credit, provided he presents a statement from the Dean of the College from which he desires to withdraw, certifying to his moral qualification and to the exact work he has done in said College.

No advanced standing is given to those having academic degrees, nor to graduates in Pharmacy or Dentistry.

COURSE OF INSTRUCTION.

The rapid progress of medicine and the general demand for higher medical attainments, together with the experience of the Faculty, have conclusively proven the necessity for a change in the older methods of teaching. No course of instruction by didactic lectures, however learned, can take the place of laboratory training and clinical experience at the bedside, where students will be brought into close personal relations with each professor and instructor, thereby inciting them to active personal work

and a higher degree of proficiency. To this end, class-room recitations will be held daily. This method, together with laboratory and clinical work, will largely replace didactic lectures, though such lectures are retained as best in some courses, and as essential, to some degree, in all. These class-room quizzes are kept up through the entire course, but are made an especial feature in the first year, when students are learning the fundamental principles of medicine. Written examinations are held at the end of each term.

The facilities for laboratory instruction are especially complete in themselves, containing all the equipment in apparatus and material that is needed for thorough teaching. The advantages offered for clinical instruction, which is such an important feature in the course, are excellent, both at the large City Hospital, where there will be a clinic every day in the week, and at the University hospital, clinic and dispensary, where each student will have the opportunity to examine and prescribe for all kinds of diseases under the personal supervision of the professor or his assistant. Advanced students will have cases from the medical, surgical, and obstetrical clinics assigned to their care for home treatment, under the direction of instructors.

In addition to this, each senior student serves as interne in the University Hospital, having associated with him a junior student, in the practical work of making clinical examinations of blood, sputum, urine, and other secretions, as they may be demanded in individual cases. They also compile the histories of all cases, as they come into the University Hospital. These student internes also have practical charge, under proper supervision, of the Out-door G. U. Clinic, where they learn the practical use of instruments and methods of treatment and dressings. During this service as student interne, each student is instructed in the best method of administering various anæsthetics, both general and local.

The fourth-year students are assigned the care of outdoor maternity cases where two students have complete charge under the direction of the professor. During the past session each student had from four to six such cases.

It is believed that a course in the medical department of a

great university, such as the students here enjoy, offers facilities far superior to those obtained in an independent medical school.

It might not be out of place to call attention to the fact that the indications point to the merging of the independent medical schools with those in connection with established universities, consequently those entering upon the study of medicine would do well to look to the probable permanency of the institution from which they desire to receive their diplomas.

Matriculates of the Medical Department may pursue courses of study in any other department of the University without the payment of additional fees, unless the courses selected require laboratory work, in which case only the laboratory fee will be charged, to cover the use of material.

The course of study is strictly a graded one, of four years' duration, each class being taught separately.

All quizzes will be conducted in connection with the regular course of instruction, and no private quizzes will be necessary.

CHEMISTRY.

Professors: DR. DUDLEY and DR. SHEIB.

Instructor: Mr. SANDERS.

Assistants: First Year—Mr. Nelson, Mr. St. John, Mr. Christian, Mr. P'Pool, Mr. Wilson, Mr. Lawwill, Mr. Goddard and Mr. Scoven. Second Year—Mr. Lipscomb, Mr. Ramage, Mr. Leggett.

Instruction in Chemistry is given by lectures, fully illustrated by experiments, recitations, and thorough laboratory work. It consists of a general course of inorganic and organic Chemistry, with special reference to medicine. In the first year, first term, six lectures and recitations a week are given in general and inorganic Chemistry, and six hours a week are given in general experiments and qualitative Analysis. In the second year the course consists of two lectures and recitations a week on organic Chemistry for the first term, with three hours a week in laboratory work. In the second term two lectures a week are given in physiological Chemistry and six hours' laboratory work, devoted to the study and analysis of physiological products. Each student has a laboratory desk as-

signed him, in which he keeps his apparatus under lock and key during the entire session. The chemical laboratories are equipped with all the apparatus necessary for the prosecution of the most thorough and advanced work in medical Chemistry.

SURGERY AND CLINICAL SURGERY.

Professors: Drs. Eve, Barr, McGannon, W. A. Bryan and Haggard.

Associate Professors: Dr. Eve, Jr., Dr. McCabe (in City Hospital.)

Lecturer on Orthopedic Surgery: DR. BILLINGTON.

Lecturer on Rectal Surgery: Dr. PICKENS.

Assistant: Dr. Walsh. Anæsthetist: Dr. Minor.

Viewing the great importance of this department, the University has seen fit to separate the chair in such a manner as to give every advantage to both the junior and senior students. The course embraces general surgery in its entirety and is so divided that the junior students are drilled in the principles of surgery, including surgical pathology and bacteriology; and the senior students in the practice of surgery including bed-side work in small sections where, under the supervision of the professor or his assistant, he is required to take histories, examine patients, make diagnosis, etc. The College Hospital furnishes an abundance of material upon which to demonstrate anesthesia. the application of surgical dressings and the management of emergency surgical cases. Especial attention to the preparation of third year students for a larger comprehension of this department is begun early in their course and such subjects as surgical pathology with demonstration of pathological material: surgical technique; surgical materials; case taking, etc., are duly stressed in the beginning of the term, while in the latter half they are given surgical anatomy contemporaneously with a comprehensive course on the various surgical diseases. The junior students are required to attend all general clinics in this department and the course is so arranged that special clinics to junior students illustrating the subject under consideration are held at frequent intervals throughout the year.

The work in the fourth year is entirely practical, beginning with laboratory work, the student is taught the application of

bandages, dressings and surgical apparatus and a thorough course in operative surgery upon the cadaver in which the student is required to perform ligation, amputations, etc., with a comprehensive course on surgery of special organs. Strict adherence to the rules of asepsis and correct surgical technique are impressed upon the student in this laboratory course and final examination will be required.

The members of this class are required to examine patients both in the hospital and dispensary, to administer anæsthetics under the guidance of a trained anesthetist; to assist in minor and major surgical operations performed in general or special clinics; to follow the after treatment of operated cases and serve the allotted time as internes in the University Hospital.

The professors or their assistants will frequently demonstrate the rarer operations upon the lower animals.

The course in Orthopedic Surgery consists of one didactic lecture a week for one-half of the third year with clinics and section work in the Vanderbilt Hospital and Dispensary for both third and fourth year students.

PRINCIPLES AND PRACTICE OF MEDICINE, AND CLINICAL MEDICINE.

Professors: Dr. J. A. WITHERSPOON and Dr. WITT. Associate Professors: Dr. Dixon and Dr. Brush.

Assistant Professors: Dr. O. N. BRYAN and Dr. OUGHTERSON. Instructor: Dr. Smith.

Assistants: Dr. Dabney and Dr. Jack Witherspoon.

Instruction in internal medicine extends over three years, and an effort is made to maintain a proper balance between didactic and clinical work. The constant use of standard textbooks is insisted on, and students are taught the art of special study of monographs and extensive treatises. The established facts of medicine, both scientific and practical, are thoroughly drilled into the student, and he is encouraged to have an open mind towards unsettled problems, and the nature of these problems is plainly stated to him.

SOPHOMORE YEAR— One hour a week for the entire year, or two hours a week for the half year. This course is conducted by Dr. Dabney, and is devoted almost entirely to Normal Physical Diagnosis. It is both didactic and clinical. Students are required to pass examinations on this course.

JUNIOR YEAR—The systematic study of internal medicine is taken up in this year. Dr. Witt gives three hours a week to class room work to the entire class. This is almost altogether didactic, and covers approximately half the subjects to be taught, including the acute infectious diseases and diseases of the repiratory system. Definite lessons are assigned in Osler's Practice of Medicine, and are quizzed on at each hour. About one-third of the hour is devoted to lecturing on such points as seem to need special elucidation. Dr. Witt also conducts two clinics a week at which one-half of the class is present. Dr. Brush and Dr. Oughterson conduct similar clinic hours, two every week each.

Dr. Brush, Dr. Oughterson and Dr. Smith conduct dispensary classes in the outdoor patient department of the College Hospital. This work is entirely practical, and is done by the student under the supervision of an instructor. It consists of history taking, making such examinations, physical and laboratory, as are necessary to a diagnosis—five hours a week for one-half of the year.

Dr. Brush also conducts a systematic course in Physical Diagnosis. His work is largely clinical and extends over the entire year—two hours a week.

Altogether the student of the junior year has about eleven hours a week on medicine.

Senior Year—Instruction in internal medicine in the senior year is largely clinical. Dr. Witherspoon gives three didactic lectures a week, taking up such subjects as are not covered in the third year, including chiefly the diseases of the alimentary system, the cardio-vascular system and the kidney. A part of this time is devoted to quizzing on the subject matter of previous lectures. Dr. Witherspoon also conducts two clinics a week to the entire class. For this clinic cases are prepared by a section of five students, who take the history, make physical and laboratory examinations, and present the case in the professor's presence. They are then quizzed by the students and the professor and the treatment is outlined. Similar clinics are also conducted three times a week by Drs. Dixon, Bryan, Dabney,

Harris and Jones. Many clinical cases are brought before the class from time to time, so that their progress may be observed. In addition to these clinics there is section work in the wards of the college hospital and city hospital, four hours a week throughout the year. Section work is also done in the college dispensary, five hours a week for a part of the year. In connection with the outdoor dispensary there is a well equipped clinical laboratory where students do the necessary laboratory work for the outdoor patients under an instructor. The dispensary and ward work is in charge of Drs. Dixon, Harris, Jones, Bryan and Jack Witherspoon.

About eleven hours a week is given to the senior class in internal medicine.

DISEASES OF THE EYE, EAR, NOSE AND THROAT.

Professors: DR. PRICE and DR. Wood.

Assistants: Dr. Moore, Dr. Roberts, Dr. Cayce and Dr. Ezell.

The junior students receive instruction in diseases of the ear, nose and throat and the senior students instruction in diseases of the eve.

To the juniors is given one lecture and one clinic each week. In the lectures all of the more common diseases of the ear, nose and throat are explained, and in the clinics the methods of diagnosis and treatment are carefully and fully demonstrated. As the clinical material is abundant, small sections of the class have shown to them the details of the various operations performed upon these organs. The class is divided into sections, each section serving its time in the out-door dispensary at the Vanderbilt Hospital where the students are taught the use of instrumental methods of examination and are required to make, under the supervision of the demonstrator, a diagnosis and to outline the treatment of these diseases. In addition, there is given on the cadaver an operative course. For this purpose the class is divided into sections of eight, and each section is taken to the anatomical laboratory where the surgical anatomy of the ear, nose and throat is fully demonstrated upon carefully prepared specimens. Following this the various operative procedures are demonstrated in detail, so that the student acquires an accurate knowledge of surgical technique

such as could not otherwise be had. Special attention is given to the various mastoid operations and to the radical operations upon the accessory sinuses of the nose.

To the senior class is given the lecture each week on the anatomy, physiology, methods of examination and diseases of the eye. In this course emphasis is laid upon those diseases more frequently coming under the observation and care of the general practitioner. Preliminary to the lectures on these diseases a course in the practical anatomy of the eye is given. In this department one clinic is held at the hospital each week before the entire class. In the out-door department of the Vanderbilt Hospital each student is taught the use of instrumental methods of examination and is required to make a diagnosis; the object being to give the student a practical working knowledge of this subject. In addition, an operative course upon the cadaver is given. The class is divided into sections of eight and each section is taken to the anatomical laboratory where the various operative procedures, such as tenotomies, enucleations, cataracts, etc., are demonstrated.

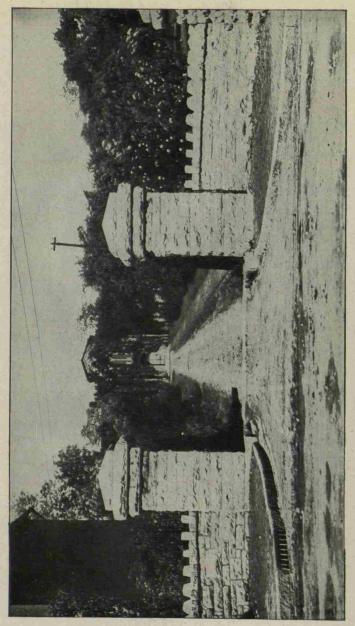
The objects aimed at in this department are to prepare physicians to diagnose and treat the more common diseases of these organs, and also to be able to recognize conditions dependent upon constitutional disorders.

ANATOMY.

Professors: Dr. Briggs, Dr. Hollabaugh, Dr. Caldwell. Demonstrator: Dr. Marr.

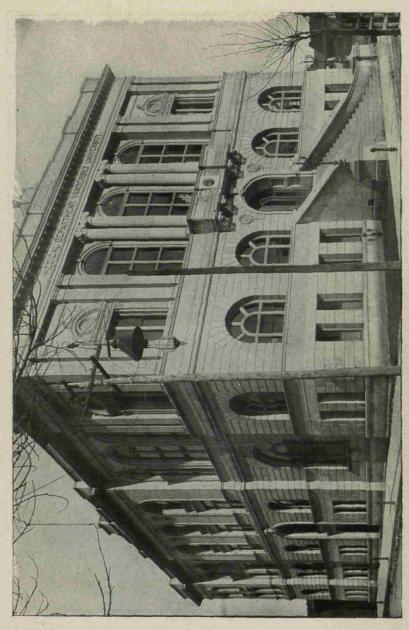
Assistant Demonstrators: Dr. W. T. Briggs, Dr. Pickens, Dr. Jeck, Dr. Sanders, Dr. Reynolds, Dr. Cowan, Dr. Griffin, Dr. Edwards and Dr. Stewart.

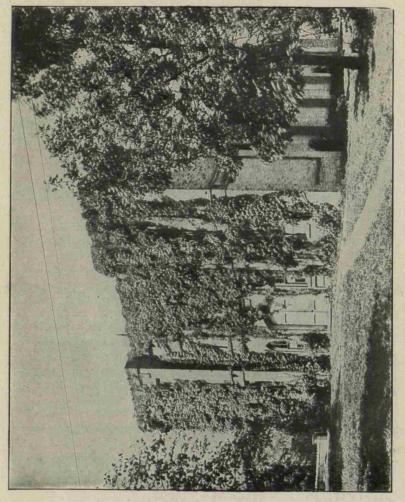
The plan of teaching anatomy pursued is somewhat different from the usually employed. Instead of didactic lectures by the professor, portions of a standard text-book are assigned, and recitations are conducted, interspersed with explanatory notes, and every point is fully illustrated by models, charts, and the dissected subject, and the students are required to make drawings of the subjects under discussion, and of the parts dissected. Students are furnished bones for home study during the college term.



MAIN ENTRANCE—SOUTH CAMPUS

CENTRAL BUILDING—SOUTH CAMPUS





First-year students complete the study of bones, joints, ligaments, and muscles. Second-year students complete the subject, including regional and visceral anatomy. In the third year a course of Applied Anatomy, in which the systematic study of the normal, living body will be taken up. This course will include regional, relational and surface anatomy, the living model being constantly used for study and demonstration. All class work is carefully graded.

Special attention is paid to practical anatomy. The plan of instruction includes both quizzes and demonstrations. Each student is required to dissect at least one entire subject. The first year is devoted to the dissection of the extremities, and during the second year the head, neck, thorax, abdomen, and pelvis are dissected.

Abundant material for dissection is furnished at the nominal cost of two dollars a part to first and second year students.

FRESHMAN YEAR—Four hours lectures and quizzes during the first half year. Two hours during the last half year. Dr. Hollabaugh. Each student dissects an arm and leg.

SOPHOMORE YEAR—Three hours lectures and quizzes throughout the year. Dr. S. S. Briggs. Each student dissects the head, neck, thorax, abdomen and pelvis.

JUNIOR YEAR—Two hours a week for half the year on applied anatomy. Dr. Caldwell.

MATERIA MEDICA AND THERAPEUTICS.

Professor: Dr. GLASGOW. Instructor: Dr. Fuqua.

Lecturer on Pharmacy: Mr. WARREN.

Assistants in Pharmacy: Mr. Jones and Mr. Gorton.

The instruction in Materia Medica and Therapeutics extends over the first two years of the course. First-year students are taught the physical and chemical properties of drugs—their sources, preparation, doses, and chemical and pharmaceutical incompatabilities. A complete collection of drugs is used to familiarize the students with their properties. During the second year the course embraces general therapeutics, modes of administering drugs, the physiological action and therapeutic

uses of individual drugs. Other remedial agencies receive consideration during the course.

FIRST YEAR.

PHARMACY—One lecture a week throughout the second term. Four hours laboratory work a week during the same period.

MATERIA MEDICA—Three lectures and recitations a week throughout the entire year. Examinations are held on these subjects at the end of the term.

SECOND YEAR.

Four lectures and recitations a week throughout the year, including practical exercises in writing prescriptions. Examination at the end of the term.

In addition the third and fourth year students are given bedside instruction in formulating prescriptions, and practical work in administering of anæsthetics.

OBSTETRICS.

Professors: Dr. ALTMAN and Dr. TUCKER.
Assistant: Dr. TEACHOUT and

Instruction in Obstetrics is given to the third-year and fourthyear students.

THIRD YEAR: Professor, Dr. Tucker; Assistant, ———.
Thirty-two hours.

It embraces lectures, recitations, demonstrations by wall plates, charts and the manikins, and includes a certain amount of embryology, together with Obstetric Anatomy and Physiology, the diagnosis, mechanism and management of normal labor and the normal puerperium.

FOURTH YEAR: Professor, Dr. ALTMAN; Assistant, Dr. TEACHOUT. Sixty-four hours, besides clinic and bedside work.

This class is taught by lectures, recitations, manikins and bedside work, and includes the pathology of pregnancy, labor and the puerperium, obstetric surgery as well as fetal pathology.

In addition to the clinical advantages furnished in the City Hospital, bedside instruction will be given in the college Hospital where pelvimetry and the anti-partum examinations are given in sections. Especial attention is given to the large outdoor clinic where students are assigned to cases under the supervision of the professor or assistants and a trained nurse. In this way each member of the class will have an opportunity of acquiring practical experience in obstetric work.

HISTOLOGY, PATHOLOGY AND BACTERIOLOGY.

Professor: Dr. LITTERER.

Associate Professors: Dr. Jones and Dr. Smith.

Demonstrator: Dr. Jack Witherspoon. Instructors: Dr. Eggstein and Dr. Spitz.

Assistants: Mr. LANIER, Mr. ERICKSON and Mr. SHELBY.

The course in Normal Histology embraces the preparation, section-cutting, staining and mounting of normal tissues and their subsequent study under microscope. Ample laboratory space is supplied, abundant material given, and the work of the student is performed under the personal supervision of the professor and his assistants. The laboratory demonstrations are profusely illustrated by means of an electric projection lantern and a complete series of slides. A course of lectures on Normal Histology extends throughout the year.

Instruction in Pathology consists of lectures and practical work in the laboratory and post-mortem room. In the second year Pathological Histology is made continuous with the course in Normal Histology. An abundance of pathological material is obtained from the college clinics, the post-mortem room, and hospital wards. Microtomes, freezing, infiltrating, and imbedding apparatus are available, and the laboratories are supplied with a complete equipment of modern microscopes.

The instruction in Morbid Anatomy will consist of lectures and laboratory demonstrations and the exhibition of specimens illustrating the various diseases of organs.

The course of Clinic Microspocy is intended to supply the student with the various uses of the microscope in the diagnosis of diseases, and includes instruction in the microscopy of the various secretions and exertions of the body, and the methods for detecting pathological conditions.

For instruction in Bacteriology the laboratory is supplied with all the necessary apparatus for a comprehensive course in this subject. The student is individually taught the different procedure of media making and of bacteriological technique, besides mounting and studying specimens of the various pathogenic micro-organisms. As full an assortment of the various bacteria as can be conveniently maintained is kept constantly on hand. Every facility is afforded in this department for original work. For illustrating the above courses, an electric lantern with microscopic projection apparatus is used.

Post-graduate Courses.—The labortory, having a most complete outfit of all the necessary apparatus, is especially adapted for post-graduate instruction, as well as for the instruction of students who desire to take a special course in laboratory research. Post-graduates desiring to avail themselves of modern methods in microscopic diagnosis will find every facility extended for pursuing their studies. The laboratory is open for instruction at least six hours each day, and the professor or his assistants will be available at such hours as do not conflict with special clinical or other post-graduate work.

Microscopes are furnished students for use in the laboratory, but it is urged that each student purchase one. In order that he may do so Vanderbilt University has an arrangement by which he may pay for it in installments. Write for details of the plan.

GYNECOLOGY.

Professor: Dr. Burch.

Associate Professor: Dr. Tigert.
Demonstrator: Dr. Overton.
Assistant: Dr. Reynolds.

The instruction in this course is taken up during the third and fourth years. Didactic lectures to the third year students are given by Dr. Tigert on the anatomy of the female genitoorgans and of the pelvic floor. The disorders of menstruation and inflammatory diseases of the uterus are also included.

During the fourth year the work is nearly all practical. Dr. Burch gives two didactic hours per week during the second term, taking up diseases of the breast, tumors, cancer, extra uterine pregnancy and lacerations.

The senior and junior classes in sections are taken in the out patient department and the hospital and given practical instruction by Drs. Overton and Dabney. Each student is afforded ample opportunity for the examination of females, the use of the various instruments, the introduction of pessaries, and the technique of the various gynecological treatments. Students are required to perform the various gynecological operations on the cadaver under the direction of Dr. Overton.

Drs. Burch and Tigert each hold one clinic a week at the college and city hospital for the junior and senior classes in sections.

PHYSIOLOGY.

Professor: DR. HAMBLETON.

Assistants: Mr. RICHARDSON, Mr. NORTON and Mr. LUNSFORD. Instruction in this important and interesting subject will be given in the first and second years of the curriculum, by means of lectures, recitations, and practical laboratory work.

Especial stress is laid on practical work in the laboratory, and to this end the laboratory has been newly fitted with all the apparatus necessary for demonstration. Each student will be required to perform for himself experiments illustrating the facts and theories of physiology, including the study of nerve and muscle function, respiration, secretion, digestion, etc.

Courses of lectures and laboratory work are given in embryology and pharmacology.

MENTAL AND NERVOUS DISEASES.

Professor: DR. CROCKETT.

Associate Professor: DR. HARRIS.

Instruction in Neurology extends over the third and fourth years.

THIRD YEAR.

Before the diseases of the nervous system are taken up, the student is carefully reviewed in the practical anatomy and physiology of the brain and cord. Special attention is then given to explaining the symptoms that arise in the course of development of diseases. Then the definite diseases are taken up in detail.

Lectures and Quizzes: Two hours a week throughout the year. Dr. Crockett and Dr. Harris.

Clinic: An hour a week throughout the year. At the clinic hour special attention is paid to a systematic examination of the patient. Dr. Crockett.

FOURTH YEAR.

One hour clinic throughout the year. Dr. Harris.

DISEASES OF CHILDREN.

Professor: Dr. WILSON. Assistant: Dr. MINOR.

Instruction in the diseases of infancy and childhood is given

in the third and fourth years.

THIRD YEAR.

Lectures and quizzes on the infectious diseases most common among children—measles, whooping cough, diphtheria, etc.

Clinics: One hour a week for half the year. Dr. Wilson.

FOURTH YEAR.

Senior students receive instruction on the special physiological peculiarities of infants, their nutritional demands and diseases of the new born. Then is taken up in detail the problems of infant feeding, the digestive diseases of infancy, and such disturbances in nutrition as rickets, marasmus, etc. Two hours a week for half the year. Dr. Wilson. A special feature of the fourth year work is practical instruction in intubation on the cadaver.

Clinics: One hour a week for half the year. Dr. Wilson.
Fourth year students also have clinical instruction in the dispensary and wards by Dr. Minor and the instructors associated

with the Department of Medicine.

DERMATOLOGY AND ELECTRO-THERAPEUTICS.

Professor: Dr. King.

A course in Dermatology is given, illustrated by charts and casts, as well as clinically. Radio-therapy and Radio-photography will be illustrated practically as well as theoretically.

GENITO-URINARY SURGERY.

Professor: Dr. Bromberg.

The professor in this course of instruction will go into every detail calculated to lay a thorough foundation on this important

subject. To this end the uses of the endoscope, cystoscope and other diagnostic instruments will be shown upon the living subjects; and every variety of clinics, exhibiting the various forms of bladder and kidney diseases will be presented for inspection, diagnosis and treatment by the student.

Ample opportunity will be given to familiarize each student with the use of the cystoscope by demonstration upon the phantom bladder, also affording opportunity and practice in ureteral catheterization.

PREVENTIVE MEDICINE AND HYGIENE.

Professor: DR. HIBBETT.

A thorough course of lectures on hygiene and sanitary science is delivered to the senior class. The course is illustrated by diagrams and drawings.

MEDICAL JURISPRUDENCE.

Assistant Professor: DR. DABNEY.

Forensic medicine is taught by a course of lectures to the senior class,

VENEREAL DISEASES.

Lecturer: DR. ANDERSON.

A complete and thorough course in venereal diseases will be given to the third year class, comprising one lecture and a clinic each week.

In addition to this, the third and fourth year classes are divided into small sections, and carried into the venereal room in the outdoor department of the college dispensary for instruction in the treatment of these patients.

This department has grown so as to furnish practically every lesion in this specialty.

ANESTHETICS.

Instructor: DR. MINOR.

A full course of instruction in the nature and use of anesthetics and practice in administering them will be given to each student in the fourth-year class.

PHYSICS.

Instructor: Mr. CRUMBLEY.

Two recitations a week in physics, illustrated by experiments, are given the first-year class. This course will be given special application to medicine.

PHARMACY.

Lecturer: MR. WARREN.

Assistants: Mr. Jones and Mr. Gorton.

One lecture a week and four hours laboratory work are given in Pharmacy in the second term of the first year.

AUTOPSIES.

Instruction in *post-mortem* examination is given to the third and fourth-year classes as a part of the course in pathology in the anatomical amphitheater. This course will be of special value to the student.

SCHEDULE OF INSTRUCTION—FIRST YEAR—FIRST TERM

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Materia Medica	Chemistry	Osteology	Chemistry	Osteology	Anatomy
Histology I showstown		Wietelows I about our		Histology	Histology
TIESTONES TRANSPORTED	Chemical Laboratory	Historiogy Laboratory	Chemical Laboratory	Chemistry	Chemistry
Chemistry		Chemistry		Materia Medica	Materia Medica
Medical Physics	Materia Medica	Medical Physics			
			Histology Laboratory	Histology Laboratory	
Anatomical Laboratory	Anatomical Laboratory	Anatomical Laboratory	Anatomical Laboratory Anatomical Laboratory Anatomical Laboratory	Anatomical Laboratory	

SCHEDULE OF INSTRUCTION—FIRST YEAR—SECOND TERM

Anatomy	Pharmacy	Pharmacy Laboratory		
Physiology	Embryology	Pharmacy Laboratory Pharmacy Laboratory		Embryology Laboratory Anatomical Laboratory Embryology Laboratory Anatomical Laboratory
Materia Medica	Physiology	Physiology Laboratory Section 2		Embryology Laboratory
Materia Medica	Physiology	Physiology Laboratory Section 1		Anatomical Laboratory
Materia Medica	Physiology	Physiology Laboratory Section 2		Embryology Laboratory
8:15 Materia Medira	9:15 Physiology	10:15 Physiology Laboratory Physiology Laboratory Physiology Laboratory Physiology Laboratory Section 1 Section 2 Section 1	1:30 Embryology	Anatomical Laboratory
8:15	9:15	10:15	1:30	2:30

SCHEDULE OF INSTRUCTION—SECOND YEAR—FIRST TERM

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:15	Physiology	Anatomy	Physiology	Physiology	Physiology	Therapeutics
		Pathology	Anatomy	Pathology	Organic Chemistry	Physiology
	Organic Chemistry Laboratory	Physiol. Lab., Section	Organic Chemistry	Physiol, Lab., Section	Physiol. Lab., Section	Physiol. Lab., Section
		1, and Pathol. Lab., Section 2.	Norm. Phy. Diagnosis	Section 1.	Section 2.	Section 1.
1:30	Therapeutics			The state of the s	THE PARTY OF	
	2:30 Anatomical Lab.	Anatomical Lab.	Anatomical Lab.	Anatomical Lab.	Anatomical Lab.	

SCHEDULE OF INSTRUCTION—SECOND YEAR—SECOND TERM

Pathology		1 and 2			The state of the s	
Therapeutics	Norm. Phys. Diagnosis	Pathol, Lab., Sections	Tana c	Pharmacology	A matemian I ah	Anacomical read.
Anatomy		rathol. Lab., Sections				Anatomical Lab.
Physiol. Chemistry		Physiol. Chemistry Lab.		Pharmacology		Anatomical Lab.
Anatomy	Pathology	Dated I ak Goodfoon	I and 2.			Anatomical Lab.
8:15 Physiol, Chemistry		10:15 Physiol, Chem. Lab.		1:30 Therapeutics		Anatomical Lab.
8:15	9:15	10:15	11:15	1:30	2:30	3:30

SCHEDULE OF LECTURES, CLINICAL, LABORATORY, AND WARD CLASS WORK—THIRD YEAR

					-	***************************************
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:15	G * Gynecology	* Gynecology + Children	* Obstetrics	* Obstetrics + Surgical Anatomy B. Bacteriology	C Bacteriology	K Ear, Nose and Throat
9:16	G Medicine	G Nervous and Mental Diseases	G Medicine	G. Medicine	G Nervous and Mental Diseases	* Minor Surg & Banda- ging + Orthopedics
10:15	G Venereal Diseases	H Prin. Surgery	D	H Prin. Surgery	D	0
11:15	Clinical Medicine	H Physical Diagnosis	Clinical Medicine	H Physical Diagnosis	Bacteriological Labora- tory tory	Bacteriological Laba- tory

* 1st Term.

The class will be divided into two divisions for work in Bacteriology and Clinical Medicine each continuing for one term. The above is the assignment for the 1st term and the sections will exchange during the 2nd term. † 2nd Term.

SCHEDULE OF CLINICAL AND BEDSIDE WORK—THIRD YEAR Clinics-City Hospital

		1
	Sections A and B Surg. Clin.	Surgical Diagnosis
voprivas	Sections A and B Sections A and B Surg. Clin.	Dermatology & Elec. Surgical Diagnosis
Common Carlo exception	ctions A and B	Nervous and Mental Ear, Throat and Nose
	Sections A and B Se Gynecol, Clin,	Nervous and Mental Diseases
	and I	8:15 to 4:15 4:15 Children p. m.
-	2 to 3 p.m.	3:15 to 4:15 p.m.

Ward Class Work-College Hospital

Section C. Dispens, Work, Medicine	Section D. Ward Class Medicine
Section C. Dispens. Section C. Dispens. Work. Medicine	Section D. Ward Class Medicine
	Section D. Ward Class Medicine
Section C, Dispens, Work, Medicine	Section D. Ward Class Medicine
Section C. Dispens. Work. Medicine	Section D. Ward Class Medicine
2 to 3	p.m.

The Class will be divided into four sections for City Hospital Clinics and Ward Class Work. Two sections attend the Hospital Clinics and the other two sections will be divided into four the Ward Class sections. The Ward Class sections exchange every seven weeks. The above schedule shows the assignment of the sections beginning Sept. 25, 1912.

The students from each section will be assigned to work in Genitory-Urinary and Venereal diseases, Gynecology, Microscopical Diagnosis, Surgery. Ere, Ear,

Nose and Throat in the Out-Patient Department.

SCHEDULE OF LECTURES FOURTH VEAR

	1		1	rgery	Hos-
	Saturday	Children † Surgery	01*		Clinic: College Hospital
N.	Friday	G Obstetrics	* Clinical Microscopy † Medical Jurispru-	Clinic: College Hospital	Amout G Medicine
THE THE PERIODINAL PROPERTY.	Thursday	* Children	* Clinical Microscopy † Medical Jurispru-	* Electro Therapeutics	Clinic: College Hospital
NO TOTAL TO	Wednesday	G Obstetrics	Surgery * Haggard † McGannon	* Surgery Eve	G Medicine
ALTERNATION OF THE PARTY OF THE	Tuesday	* Eye † Gynecology	* Hygiene	Surgery Eve	Clinic: College Hospital Bital Genito-Urinary and Venereal
the state of the s	Monday	* Eye + Gynecology	* Hygiene † Skin	Clinic: College Hospi- tal Dermatology & Elec- tro Therapy	G Medicine
-		8:15	9:15	10:15	11:15

Rooms in the College Hospital Building are A. B. C. D. E. and F. Lecture Rooms in Central Hall on South Campus are G. H. I. J. K. and L.

SCHEDULE OF CLINICAL AND BEDSIDE WORK-FOURTH YEAR

Clinical College Handle

-	Dummatalana Mi		Cumos Conege Hospital	nospital		
10:15	Ther.			THE RESERVE	Eye, Ear, Nose and	
11:15		Genito-Urinary and		Children		Nervous and Mental
Zp.m.	Surgery 1/2 Class Medicine 1/2 Class	Surg. Clin. 1/2 Class Med. Clin. 1/2 Class	Gynecol, Clin. 1/2 Class Med. Clin 1/4 Class	Surg. Clin. 1/2 Class Med. Clin. 1/5 Class	Obstet, Clin. 1/2 Class	Diseases
-			Ward Class Work-College Hospital	lege Hospital	CONT.	
,	Section A Clin. Con. Medicine	Section A. Clin. Con. Medicine	Section A Clin. Con. Gynecol'y	Section A Glin. Con. Medicine	Section A. Modicino	A
:15	Section B Ward Class Medicine	Section B Ward Class Medicine	Section B Ward Class Medicine	Section B Ward ass Medicine	1	
4:15 .m.	Section C Dispensary Medicine	Section C Dispensary Medicine	Section C Dispensary Medicine	Section C Dispensary Medicine		100 100
	Section D Clinical Microscopy	Section D Clinical Microscopy	Section D Clinical Microscopy	Section D Clinical Microscopy	1	
Secti r. Nos	Section E. The members of the Nose and Throat in the Out-1	embers of this section will be assigned in the Out-Patient Dengations	to work in Genito-Urinary	and Venereal diseases.	embers of this section will be assigned to work in Genito-Urnary and Venereal diseases. Gynecology, Microscopical Diagnosis, Surgery, Eye.	Diagnosia, Surgery, Eye
		the second second second	Ward Class Work-City Hosnitel	to Hosnital		

The Senior Class will be divided in 6 sections and each student will remain in the section to which he is originally assigned throughout the season. Section work will begin Sept. 25th and each section will continue a subject five weeks. At the end of each five weeks, period the sections will rotate in regular order. This schedule shows the assignment of work to each section of the Ward Classes beginning Sept. 25th and the dates for the rotation are as follows: Oct. 30; Dec. 4; Feb. 1st; and Meh. 14th. The Ward Class work will end Apr. 13, 1913. Section F Ward Class Medicine Section F Ward Class Surgery

Section F Ward Class Medicine

Section F Ward Class Surgery

Section F Ward Class Medicino

UNIVERSITY HOSPITAL AND CLINICS.

The arrangements provided for the hospital and clinical patients are unexcelled; large and airy waiting-rooms and numerous consultation rooms being provided on the first floor in addition to the wards for hospital patients. Adjacent to these rooms are the gynecological, ophthalmological and obstetrical rooms, the apothecary shop, etherizing room, and entrance in the surgical arena.

Six general clinics will be held each week at the University Hospital for advanced students, and the third and fourth-year classes will be sub-divided into small sections to attend the dispensary clinics, which will be held daily. Patients from the private practice of the members of the Faculty will be brought before the classes as often as practicable.

VANDERBILT DISPENSARY.

This outpatient department is being successfully managed in connection with the Vanderbilt hospital and during the year approximately ten thousand cases are treated. A vast array of medical, surgical and special cases are presented daily and the dispensary service is so arranged as to allow the junior and senior students every advantage. The entire afternoon is devoted to this work by the respective classes in sections. Opportunities for seeing fractures, injuries and traumatic cases of all kinds are excellent, since many of the street accidents are hurried to the Vanderbilt dispensary owing to its central location.

Diseases of Women, Genito-urinary and Venereal, Dermatology, Medical, Eye, Ear and a variety of other diseases are used in the clinical conferences which are regularly held by the medical and surgical staff.

CITY HOSPITAL.

One clinic and bed-side instruction will be given daily throughout the session at the City Hospital, which is only three minutes' walk from the South Campus, and the third and fourthyear classes will be required to attend these clinics and the bedside work.

TEXT AND REFERENCE BOOKS.

Chemistry-Holland.

Chemical Analysis-Sheib (notes).

Physiological Chemistry-Hawk.

Urine Analysis-Tyson, Ogden, Purdy.

Medicine-Osley, Tyson, Anders, French, Hughes, Wheeler.

Physical Diagnosis-Tyson, Cabot, Anders & Boston.

Materia Medica-Stevens, Potter.

Therapeutics-Hare.

Pharmacy-U. S. Pharmacopælia, Ruddiman.

Physiology-Howell, Brubaker.

Physiology Laboratory—Busch.

Histology-Hills.

Pathology-Delafield & Pruden, Coplin.

Clinical Microscopy-Simon, Boston, Wood.

Bacteriology—Williams, Park.

Anatomy—Cunningham, Gray, Treves.

Disease of Skin-Stelwagon.

Gynecology-Penrose, Ashton, Crossen.

Abdominal Surgery—Douglas.

Surgery-Park, DaCosta, Stewart, Lexar-Bevan.

Obstetrics-Edgar, Williams, King.

Neurology-Church and Peterson, Potts.

Disease of the Eye-Wood and Woodruff, May, Savage.

Disease of the Ear-Bacon.

Diseases of Throat and Nose-Coakley, Bishop, Phillips.

Diseases of Children-Holt, Forsyth.

Hygiene and Sanitary Science-Egbert, Abbott.

Defects of the Eye-Savage.

Genito-Urinary and Venereal Diseases-Taylor, Keys, White and Martin.

Medical Jurisprudence-Draper.

Medical Law-Taylor.

Embryology-McMurrich.

Dermatology-Hyde and Montgomery, Pusey, Schamburg.

Micro-Technic-Mallory and Wright, Cattell, Morrow.

Hematology-Cabot, DaCosta.

Tropical Diseases-Manson.

Medical Dictionary—Gould, Dorland, Stedman, Lippincott.

Electro-Therapy and X-Ray—Martin.

Minor Surgery—Foote.

Bandaging—Davis.

Pellagra—Niles.

Orthopedic Surgery—Taylor, Whitman.

Medical State Board—Goepps.

Applied Anatomy—Davis.

REQUIREMENTS FOR A DEGREE.

To be eligible for the degree of Doctor of Medicine, every candidate must fulfil the following conditions:

1. He must have attained the age of twenty-one years, and must sustain a good reputation for moral character.

- 2. He must have spent four years as a student in this department; or, if but one, two, or three years in this institution, he must have pursued such studies, in some other recognized institution, as are considered by the faculty to be the equivalent of the remainder of the full term of study. The last year must have been in this institution.
- 3. He must have passed, to the satisfaction of the Faculty, all of the prescribed examinations of the course.

HONORS.

FOUNDER'S MEDAL.—This is the highest prize offered in each department of the University, and in the Medical Department it is awarded each year to the graduate who attains the highest average grade in the work of the fourth year of his medical course.

SCHOLARSHIPS.—To each student attaining the highest average grade in the first, second, and third years will be awarded a scholarship valued at fifty dollars, which will be credited on the tuition of the following year.

APPOINTMENTS.—Five appointments to interneships will be at the disposal of the faculty each year—one to the City Hospital, two to the College Hospital and one to the County Hospital. The graduates who, in the opinion of the Faculty, are best fitted to fill such positions will be given these appointments.

The Faculty has the appointment, annually, of an interne in the Providence Hospital at Waco, Texas. By request the Faculty annually appoints internes to many hospitals throughout the country. The appointments made this year are given on pages 44 and 45.

FEES.

Tuition fee for each year. This includes matriculation fee, professor's ticket, laboratory and demonstra-
tion fees
charges, at close of session 5 00
Total for first, second and third year students\$130 00 Graduation fee charged fourth year students 25 00
Total for graduates

No additional fee is required for City Hospital nor University Hospital work. The graduation fee will be returned should the applicant fail to graduate. Students are required to pay onehalf of their tuition at the beginning of the session and the other half on or before February 1st.

POST-GRADUATE COURSES.

Graduates of the Medical Department of this University may pursue post-graduate or special advanced courses without charge, except laboratory courses, for which the fee shall be \$10 each, and a hospital fee of \$10. Other applicants for special or postgraduate courses will be charged as follows:

College Hospital	fee	1000							*		*1		60 W									ı		\$ 5	00
City mospital fe	8				100	100		44			w													E	00
One subject Two subjects .		**	* *					• •	*		*			*		*		0					i	20	00
Three subjects					*		* 1	***	* /	***	*	•		*	* *		* 1		*	•	• •	•		30	00
Laboratory cour	ses,	e	acl	1.										:						*	*	-		20	00

WITHDRAWALS.

Students withdrawing or receiving their dismissal from the department will not be entitled to any return of fees.

DIRECTION.

On arriving in the city, the student can best reach the South Campus by taking a street car at the depot and riding to the Transfer Station, there transferring either to a car marked "Fourth Avenue," "Nolensville," or "Fairfield," getting off at Elm Street, and walking two squares to the left; or by taking a "Wharf Avenue" car and getting off at Middleton Ave. and walking one square to the right. On arriving in the city,

students may go at once to the South Campus, or to the office of the Secretary, No. 120 Eighth Avenue, North (three squares from the Union Depot). At either place they will be received and directed to suitable boarding places.

COMMUNICATIONS.

All communications regarding the Medical Department should be addressed to DR. L. E. BURCH, Secretary,

No. 120 Eighth Ave., North, Nashville, Tenn.

MEDICAL DEPARTMENT

FIRST YEAR CLASS

Name State	Name State
Allen, Edmund BTennessee	Harris, Henry CameronAlabama
Anderson, Samuel NTennessee	Henderson, Raymond DTennessee
Anthony, Daniel Herbert. Tennessee	Henry, Edgar VernonTexas
Archer, John George, Jr. Mississippi	Hibbitts, WilliamMissouri
Arrants, William RossTennessee	Hicks, Arrington BTennessee
Aylen, Walter CarterMontana	Hill, James HermanTennessee
Bailey, Clyde LesterVirginia	Hinde, Hubbard KTexas
Bailey, Conrad OAlabama Barnes, Jesse Cleveland. Tennessee	Holmes, Thomas WMississippi Houston, Matt FrancisAlabama
Barnes, Miles WilliamTennessee	Hunt, Kenneth StovallGeorgia
Barry, Tom RTennessee	Hurt, William AKentucky
Bell, Forrest GunnTennessee	Jackson, Noah RileyTexas
Belue, Julius OrvilleAlabama	Jenkins, John BillTexas
Bowen, William Foster Tennessee	Jennings, Thomas Vallie Texas
Brandau, William HTennessee	Johnson, Julius AdamsTennessee
Brandau, William HTennessee Brewer, Frank BentonTexas	Johnson, James LouisArizona
Brooke, George CarterGeorgia	Johnson, Travvus OlonAlabama
Brown, Thomas H Tennessee	Johns, Amos EldrichTennessee
Bunch, Ray CallisKentucky	Jones, Andrew BlucherTennessee
Burnett, Riley WilsonMississippi	Kelley, Thomas BartlettIllinois
Byrd, Benjamin Franklin	Kuhn, Casper BTennessee Law, William PorterLouisiana
Chandler, Orville Barnes. Tennessee Chester, Walter Simmons. Kentucky	Lawwill, StewartTennessee Lester, James DunnTennessee
Christian, P. HGeorgia	Love, Van GarrandTennessee
Christian, Thomas BGeorgia	Lusk, James LoringTennessee
Cleveland, Crawford HAlabama	Markle, LouisTennessee
Compton, J VaughnTennessee	Miller, Lafayette TateTexas
Compton, J. VaughnTennessee Cooksey, Rogers TaylorKentucky	Moon, Orville BruceTennessee
Cooper, Lawrence E Missouri	Moss, Charles Smith, Jr Tennessee
Crutchfield, Carl Robert Tennessee	Motley, Robert Lyle, Jr. Tennessee
Dade, Randolph, JrKentucky	Nash, William BrehonTennessee
Denham, R. HTennessee	Neilson, Robert GMississippi
Dial, Virgil AndrewMissouri	Nellums, Marcus ElmoTennessee
Ehrlick, SigoArkansas	Nelson, Oscar GustafAlabama
Farmer, Myron HallGeorgia	Nicholson, Lemuel BAlabama Nicholson, Robert P.North Carolina
Fisher, Jno. D. RLouisiana	Olive, Roy AleneTexas
Fowler, Forrest FrancisTexas	Owen, John TalbotKentucky
Fraser, H. EarlKentucky Garland, Henry BruceTexas	Page, Woodfin GradyAlabama
Gaw, Rascoe CTennessee	Paine, Robert Mississippi
Gee, Othel JeffersonTexas	Park, Ira OscarTennessee
Gillen, George Hamilton Tennessee	
Goddard, William BellKentucky	Parker, Wilbur BirdCalifornia Parrish, Thomas EdwinFlorida
Goldberg, Harry H Tennessee	Pederson, NelsMontana
Goodall, John LewisTennessee	Podesta, Augustine JMississippi
Gorton, Levin WailesLouisiana	Pollock, Cary Robert California
Graham, Richard HTennessee	Potter, L. OwenKentucky
Graves, LattieKentucky	Price, Charles WesleyAlabama
Green, PellieKentucky	Roberts, Hayden Tennessee
Gray, Wm. Bennette Battle	Rock, John William Kentucky
Tennessee	Ross, Samuel TullochTennessee
Griffin, Allen ThomasAlabama	Scovern, Herald BlaineMissouri
Griffin, Clyde Butler. South Carolina Hall. Jesse LeeTexas	Sevier, Charles EdwinTennessee Sevier, John AlstonTennessee
Harris, Erle WarfieldTennessee	Smirl, Ralph JilesColorado
mains, Ene warmen tennessee	billi, Raiph blicaColorado

Name State	Name State
Smith, Harry MaxwellTennessee Smith, MouldonTexas Smith, Warren HayesTennessee Spencer, Octavius Manlius St. John, Joseph HTennessee Stone, Edgar WrightKentucky Thompson, George AlvaAlabama Vandlver, Horace GreelyAlabama Vickers, Wilson LewisTennessee Waddell, John RAlabama	Walker, Starnes ElbertTennessee Walter, Coristantine PTennessee Walton, Charles Douglas.Tennessee Waldon, Dennis FGeorgia Westover, Harry MelverTennessee Wills, Herbert KMissouri Winn, William RayTennessee Woodring, Thomas Volney.Tennessee Wright, Thurman GNorth Carolina Young, Thomas H., JrTennessee Young, Wilbur ShelbyMississippi

SECOND YEAR CLASS.

Allen, James StockellKentucky
Benson, Burnett Boissean. Kentucky
Bethel, William Volney Tennessee
Bishop, Eugene Lindsay Tennessee
Blaydes, James Elliott Tennessee
Brown, Robert Bates Tennessee
Bullard, Chester Calvin Texas
Butler, James RadreckTennessee
Cashion, William Aaron. Tennessee
Cayce, John Smith Tennessee
Chapman, Thomas CTennessee
Cochran, Marcellus FGeorgia
Collier, Thomas Reed Virginia
Core. William JesseTennessee
Cox, Clarence TylerTennessee
Coughlin, Thomas F New Jersey
Crumbley, James Jernigan, Georgia
Dabbs, John Nelson Thomas
Dunde, boili troibell alletter

Darwin, William Cyrus. Tennessee Dillin, Franklin Lafayette. Tennessee Douglass, Henry L.....Tennessee Edwards, Harry Sacra....Tennessee Erickson, Clarence B....Louisiana Evans, Raymond Myers..Kentucky Fisher, James Alfred....Kentucky Fowler, Charles Clark....Tennessee Freeman, ArthurKentucky Fridge, Percy Alonzo....Louisiana Givan, Thurman Boyd....Tennessee Gormley, LawrenceAlabama Graham, Raymond M.....Tennessee Greene, Douglas Grady..Mississippi Hatcher, George Abram . . Tennessee Hawkins, Thaddeus I.....Georgia Henson, Samuel Lafayette. Kentucky Hunt, Sam, Jr.....Texas Jackson, JohnTennessee Jenkins, Jesse Gee.....Texas Jones, Fred. Anderson....Kentucky King, Thomas Albert......Texas Lasserre, Thomas Newton. Tennessee Lee, Chester Dave Tennessee Leggett, Albert Earle....Mississippi Lipscomb, John Marshall. Tennessee Little, Bayless McLean...Tennessee Long, Henry Clay Tennessee Magan, Percy Tilson....Tennessee Magee, Robert Carl.....Texas Moore, Milton Jefferson.....Texas Moore, William Raymond Texas McCalip, Hugh L..... Mississippi McGarvey, Earl Tennessee McPheeters, WalterKentucky McSwain, George R..... Tennessee Nichols, Elbert Royal...Tennessee Nichols, James Norton...Tennessee Norton, Ethelbert Moses..Alabama Orr, James Arthur.....Kentucky Padgett, William Latta..Tennessee Perkins, Furman Jack.....Texas Potter, James E. . . . Illinois P'Poole, David Bruce . . . Kentucky Puryear, Harry Henton . Mississippi Ramage, Raymond Brock . Alabama Rascoe, Bailey Lou.....Tennessee Reeves, Daniel H ... South Carolina Robb, William John Illinois Rosson, Frank Bond Tennessee Shelby, Mitchell Hudson ... Missouri Shelton, WilliamTennessee Simpson, John Clifton... Arkansas Smith, DeWitt Talmage. Tennessee Stilley, Marshall A.... Kentucky Stone, Wm. Herman.... Tennessee Sutherland, Edward A....Tennessee Swinney, Bluford A., Jr.....Texas Swezey, SamuelNew York Thomas, IrlKentucky Thomasson, Chas. F.....Tennessee Thompson, Ernest Brent.Tennessee Tidwell, Harold Frank ... Tennessee Tompkins, Allen Nathan. . Tennessee Van Scoyoc, James Guy.....Kansas Waddell, Henry Grady...Alabama Warren, Charles Herbert....Texas Willey, Felix Jefferson...Tennessee Wilson, William Edwin...Tennessee Wilson, Ennis Cleveland..Oklahoma Yale, Frank Chester....Iennessee Young, John Smith......Kentucky

THIRD YEAR CLASS.

THIRD IEAR CLASS.	
Name State	Name State
Anderson, Louis Ridley Tennessee Anderson, Tom Erwin Texas Applewhite, Calvin C. Mississippi Applewhite, Joe Davis Mississippi Arnold, Benjamin C. Tennessee Baker, Allen Moore. Texas Black, Herbert Octavius Florida Blackburn, Henry Martin Tennessee Bridges, Robert Russell Alabama Brinson, William David Louisiana Brooks, Sidbery Albert Tennessee Brown, Thomas Jacob Tennessee Caldwell, Jere Witherspoon Tennessee Clark, Henry Pyle. Tennessee Clopton, Owen Hobson Kentucky Cornell, Morris L. Tennessee Crafton, George A. Kentucky Cuip, Ed. Tennessee Denton, Guy Tressleu Tennessee Eldridge, Jesse C. N. Tennessee Eldridge, Jesse C. N. Tennessee Erwin, Frank B. Tennessee Erwin, Frank Lewis Missouri Etter, Roscoe Tennessee Ervans, Glenn S. Illinois Eves, Frank Pierce Tennessee Fitts, William T. Tennessee Fitts, William T. Tennessee Gilbert, Eugene A. Tennessee Gilbert, Eugene A. Tennessee Guernsey, Paul Francis Lowa Guthrie, Samuel Richard Kentucky Halman, Julius Arky Tennessee Holcomb, George Whitfield	Mame State Maxwell, Elmer StevensTexas Meacham, Clinton Culbert, Kentucky Meadors, Robert Carnell. Arkansas Morgan, John D., Jr California Moyers, Oden Hunter Illinois Myers, David VanceTennessee McKinney, Thomas DGeorgia Neel, Willie Hal Kentucky Pucket, Bascom M Texas Reeves, Jerome L North Carolina Perry, Richard Hubert Kentucky Puckett, Bascom M Texas Reeves, Jerome L North Carolina Reeves, Reley J North Carolina Reynolds, Arthur Redon. Tennessee Richardson, Shaler A Louisiana Rude, Will Steinberger Texas Russell, Carly C Illinois Sample, Roy Osborn Missouri Sanford, John H Arkansas Shipp, John Martin Mississippi Shelton, Joe Richard Tennessee Sims, Harry James L Oklahoma Smith, Clifford Talbot Mississippi Smith, Clark Xenophon Tennessee Snapp, Landon Boyce Tennessee Srygley, Elam F Tennessee Swafford, Jack H Tennessee Swafford, Jack H Tennessee Tolson, Thomas T Louisiana Trotter, John Wesley Tennessee
Jennings, William LeonardTexas Jetton, Mark MitchellTennessee	Wade, Lessie HarrisonTennessee Walker, James OteyTennessee Webster, Donald Payson. California Weir, William CarriganTexas
Johnson, Samuel ATennessee Jones, Robert Melvin, Jr., California Lacy, George RufusTexas Lanier, Leon MartinTennessee	Whitaker, Robert AncilTennessee Williams, John WesleyTennessee Wilson, George EdwardTennessee
Lewis, William Bryant. Mississippi Lunsford, William Bruce. Tennessee Mahon, George D	Wright, Burnett Wilford. Kentucky Wyatt, Randall Everett. Tennessee Yandell, Harry Samyel Kentucky Young, William Gardner Alabama Zbinden, David Burdett. Tennessee
	Burdett Tennessee

FOURTH YEAR CLASS

Adam, Charley Cleveland...Texas Arnold, Moody Warren...Alabama Barham, Ben Edwards...Louisiana Bean, William Peyton...Tennessee Beggs, Thomas Cleveland...Texas Bell, Thomas Cleveland...Kentucky Boyce, William Earl...Tennessee Bryan, Charles Harry...Tennessee Butler, William Lucas...Tennessee Carroll, Daniel Whitfield Oklahoma Caviness, James Jackson.Oklahoma Crawford, Robert Lee....Florida

Crittenden, Charles Briggs.Tennessee Cummings, Claude Wiggins......