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1934

# Bulletin of the University of Nebraska: Annual Catalog of the College of Medicine, 1934-1935

University of Nebraska College of Medicine

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NUMBER 9

# Bulletin of

# The University of Nebraska

# College of Medicine

OMAHA



Announcements for the Session of 1934-1935

Published by the University

March 22, 1934

The Bulletin of the University of Nebraska is published weekly in March, April, and May, semi-monthly in February, June, August, and October, and monthly in January, July, and September of each year by the University of Nebraska. Entered at the postoffice at Lincoln, Nebraska, as second-class matter under Act of Congress, August 24, 1912.

Acceptance for mailing at special rate postage provided for in Section 1103, Act of October 3, 1917, authorized July 18, 1918.



CAMPUS OF MEDICAL COLLEGE AND HOSPITAL

# THE UNIVERSITY OF NEBRASKA

The University of Nebraska comprises the following colleges and schools:

The College of Agriculture, offering the degrees of Bachelor of Science in Agriculture and Bachelor of Science in Home Economics.

The College of Arts and Sciences, offering the degrees of Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, and Bachelor of Science.

The College of Business Administration, offering the degree of Bachelor of Science in Business Administration.

The College of Dentistry, offering the degrees of Doctor of Dental Surgery and Bachelor of Science in Dentistry.

The College of Engineering, offering the degrees of Bachelor of the Art of Architecture and Bachelor of Science in Agricultural, Architectural, Chemical, Civil, Commercial, Electrical, and Mechanical Engineering.

The Graduate College, offering the degrees of Doctor of Philosophy, Master of Arts, Master of Science, Master of Architecture, and Master of Science in Agricultural, Civil, Electrical, and Mechanical Engineering, Agricultural Engineer, Chemical Engineer, Civil Engineer, Electrical Engineer, and Mechanical Engineer.

The College of Law, offering the degrees of Bachelor of Laws and Doctor of Jurisprudence.

The College of Medicine at Omaha, offering the degrees of Doctor of Medicine, Bachelor of Science in Medicine, Bachelor of Science in Nursing, and Graduate Nurse.

The College of Pharmacy, offering the degree of Bachelor of Science in Pharmacy.

The Teachers College, offering the degrees of Bachelor of Science in Education, Bachelor of Arts in Education, and Bachelor of Fine Arts in Education.

The School of Journalism.

The School of Music.

The School of Nursing at Omaha.

The Teachers College High School, The Nebraska School of Agriculture at Curtis, the Nebraska Agricultural Experiment Station, the Experiment Sub-stations at North Platte, Scottsbluff, and Valentine, the Agricultural Extension Service, the University Extension Division, the Conservation and Survey Division, the Nebraska Engineering Experiment Station, and the Box Butte Experiment Farm also are under the supervision of the Board of Regents of the University.

Separate catalogs or information regarding any of the above colleges or schools may be obtained from the Registrar, University of Nebraska, Lincoln, Nebraska.

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# 1934

Sept. 21-Registration, first semester. Nov. 28-Dec. 3-Thanksgiving vacation. Dec. 22-Jan. 7-Christmas vacation.

1935

- Feb. 1-Registration, second semester.

April 18-23—Spring vacation. June 10—Sixty-fourth Annual Commencement.

# CALENDAR FOR 1934-35

	CALENDA.	K FOR 1934-35
1934		
	Mondow	Classification tests
Sept. 17	Monday	. <u></u>
Sept. 18	Tuesday	Freshman Day
Sept. 19	Wednesday	Registration for new students
Sept. 20	Thursday	First semester classes begin
Sept. 21	Friday (8 p. m.)	University reception to all students
Sept. 21	Friday	Registration, College of Medicine
Sept. 24	Monday	College of Medicine classes begin
Sept. 27	Thursday (11 a.m.)	Freshman Convocation
Oct. 27	Saturday	First six-weeks reports
		Flist Six-weeks reports
Nov. 12	Monday	Classica to allow montining
	(12 noon-6 p. m.)	Class suspension to allow participa-
		tion in Armistice Day celebration
Nov. 28-Dec. 3	Wednesday (noon)-	
	Monday (8 a. m.)	Thanksgiving vacation
Dec. 8	Saturday	Second six-weeks reports
Dec. 16	Sunday	"The Messiah" by University Choral
1,00,10	Sunday	Union
Dec. 22	Saturday (noon)	Christmas vacation begins
Dec. 22	Saturday (10011)	Christinas vacation begins
1935		
Jan. 7	Monday (8 a.m.)	Christmas vacation ends
Jan. 14-19		Registration for second semester for
Jan. 14-19	Monday-Sat. noon	
		students attending first semester
		First semester examinations
Feb. 1	Friday	Registration for new students
Feb. 4	Monday	Second semester classes begin
Feb. 15	Friday	Charter Day
March 16	Saturday	First six-weeks reports
April 16	Tuesday	Honors Convocation
April 18-23	Thursday (8 a.m.)-	
April 10-20	Tuesday (8 a. m.)	
4		
April 24	Wednesday	Nebraska School of Agriculture
	~	commencement (Curtis)
April 27	Saturday	Second six-weeks reports
May 2	Thursday	Ivy Day_
May 2-4	Thursday-Saturday	College Days
May 6-11	Monday-Sat. noon	Registration for fall semester and
		summer session for students
		attending second semester
Moy 20 June	8 Wednesday-Sat.	Second semester examinations
May 20-5 une o	Thursday	Memorial Day holiday
May 30		Teachers College High School
May 31	Friday	commencement
a	117	commencement
COMMENCE	ement Week	
June 9	Sunday	Baccalaureate sermon
June 10	Monday	Sixty-fourth annual commencement
June 10	monuay	Shey-Ioui m unnuur commoncomono
SUMMER S	Session, 1935	
June 14, 15	Friday, Saturday	Registration
June 17	Monday	Classes begin
		Short session closes
July 26	Friday	Long session closes
August 9	Friday	TOUR SESSION CLOSES
1935-36		
	Monday	Classification tests
Sept. 16		
Sept. 17	Tuesday	Freshman Day
Sept. 18	Wednesday	Registration for new students
Sept. 20	Friday	Registration, College of Medicine

# The College of Medicine

# THE BOARD OF REGENTS

Members	Term Expires
FRED A. MARSH, Archer, President	January, 1935
MARION A. SHAW, David City	January, 1935
ARTHUR C. STOKES, Omaha	January, 1937
EARL CLINE, Lincoln	January, 1937
STANLEY D. LONG, Cowles	January, 1939
FRANK J. TAYLOR, St. Paul	January, 1939
Loring Ellis Gunderson, Lincoln, Corporation Secreta	rv.

# OFFICERS OF ADMINISTRATION AND INSTRUCTION

# THE UNIVERSITY

EDGAR ALBERT BURNETT, D.Sc., Chancellor of the University. Admin-

istration Hall, Lincoln Campus. FLORENCE IRWIN MCGAHEY, A.B., Registrar and University Publisher. (Secretary of the Faculties.) Administration Hall, Lincoln Campus.

# COMMITTEES OF THE BOARD OF REGENTS

Executive-Regents Marsh, Cline, Taylor.

Finance-Regents Cline, Shaw, Long.

Mansham

Industrial Education-Regents Taylor, Stokes, Marsh.

Medical Education-Regents Stokes, Long, Shaw.

Property-Regents Long, Cline, Taylor.

Student Relations-Regents Shaw, Stokes, Marsh.

# THE COLLEGE

# C. W. M. POYNTER, Dean

- > JOHN FRANKLIN ALLEN, B.Sc., M.D., Associate Professor of Medicine.
- 7 MAINE C. ANDERSEN, M.D., Instructor in Physiology and Pharmacology and Instructor in Medicine.
- HARLEY ERICK ANDERSON, B.Sc. in Med., M.D., Assistant Instructor in Obstetrics.

PAUL MARTIN BANCROFT, M.Sc., Instructor in Bacteriology.

- CLARENCE FREDERICK BANTIN, B.Sc., M.D., Clinical Assistant in Pediatrics.
- " ELMER WILLIAM BANTIN, B.Sc., M.D., Instructor in Pediatrics.
- ABRAM ELTING BENNETT, B.Sc., M.D., Assistant Professor of Neuro-Psychiatry.
- J GORDON NEWALL BEST, B.Sc., M.D., Instructor in Medicine.
- RUSSELL ROLLAND BEST, B.Sc., M.D., Assistant Professor of Anatomy and Instructor in Surgery.
- 7 JAMES DEWEY BISGARD, A.B., M.D., Instructor in Surgery.
- > RODNEY WALDO BLISS, A.B., M.D., Professor of Medicine. (Chairman of Department of Internal Medicine.)
- D EDSON LOWELL BRIDGES,<sup>1</sup> M.D., Professor Emeritus of Medicine.
  - WILLSON ORTON BRIDGES, M.D., LL.D., Professor Emeritus of Medicine. ALFRED JEROME BROWN, A.B., M.D., Associate Professor of Surgery.
- WILLIAM FREDERICK CALLFAS, C.M., M.D., Assistant Professor of Otorhinolaryngology.

<sup>1</sup> Absent on leave.

- > OLIN JAMES CAMERON, M.S., M.D., Instructor in Dermatology and Syphilology.
- > WALDRON ALVIN CASSIDY, A.B., M.D., Instructor in Otorhinolaryngology.
- JOHN MURL CHRISTLIEB, Ph.G., B.Sc. in Med., M.D., Clinical Assistant in Medicine.
- P GEORGE L. CLARK, B.Sc., M.D., Clinical Assistant in Pediatrics.
- > FRANK MATTHEW CONLIN, M.D., Assistant Professor of Medicine.
- 7 EDWIN DAVIS, A.B., M.D., Professor of Urology. (Chairman of Department.)
- > HERBERT HAYWOOD DAVIS, A.B., M.D., Instructor in Surgery.
- > JOHN CALVIN DAVIS, JR., A.B., M.D., Instructor in Otorhinolaryngology.
- ARTHUR D. DUNN,<sup>1</sup> A.B., Ph.B., M.D., Professor of Clinical Research. (Chairman of Department.)
  - EDWIN ERWINE DUNN, A.B., M.S., Ph.D., Instructor in Biochemistry.
- FRANK LOWELL DUNN, B.Sc., M.D., Assistant Professor of Clinical Research, Director of the Laboratory of Medical Research, and Instructor in Medicine.
  - HAROLD EVERETT EGGERS, A.B., A.M., M.D., Professor of Pathology and Bacteriology. (Chairman of Department.)
- > ROBERT BRUCE ELDREDGE, B.Sc., M.D., Assistant Professor of Pediatrics.
- > SAMUEL Z. FAIER, B.Sc. in Med., M.D., Instructor in Otorhinolaryngology.
- > CHARLES FRANDSEN, B.Sc., M.D., Assistant Instructor in Medicine.
- 7 MANUEL GRODINSKY, B.Sc., M.D., Assistant Professor of Anatomy and Instructor in Surgery.
  - AUGUST ERNEST GUENTHER, B.Sc., Ph.D., Professor of Physiology and Pharmacology. (Chairman of Department.)
- > CHARLES ERNEST GURNEY, B.Sc. in Med., M.D., Clinical Assistant in Surgery.
- LYNN THOMPSON HALL, B.Sc., M.D., Assistant Professor of Medicine, in charge of Therapeutics.
- 7 HOWARD BROWNLEE HAMILTON, A.B., M.D., Professor of Pediatrics. (Chairman of Department.)
- > WILLIAM PORTER HANEY, M.D., Instructor in Otorhinolaryngology.
- P LOUIS EVERETT HANISCH, B.Sc., M.D., Instructor in Medicine.
- VINCENT CHARLES HASCALL, LL.B., Instructor in Medical Jurisprudence.
   JOSEPH A. HENSKE, M.D., Instructor in Pediatrics.
- V LLOYD OLIVER HOFFMAN, M.D., Assistant Instructor in Obstetrics and Gynecology.

EDWARD AUGUSTUS HOLYOKE, B.Sc., A.M., Instructor in Anatomy.

- CHARLES AARON HULL,<sup>2</sup> M.D., Assistant Professor of Surgery in charge of Fractures.
  - HOWARD B. HUNT, A.B., A.M., M.D., Assistant Professor of Radiology and Physical Therapy. (Chairman of Department.)
- > HERMAN MILTON JAHR, B.Sc., M.D., Instructor in Pediatrics.
- 7 CHARLES STANTON JAMES, M.D., F.M., Assistant Professor of Opthalmology.
- 7 HERMAN FRANK JOHNSON, M.D., Assistant Professor of Orthopaedics and Assistant Professor of Surgery in charge of Division of Fractures.
- D AUGUST FREDERICK JONAS, LL.D., M.D., Professor Emeritus of Surgery.

<sup>&</sup>lt;sup>1</sup> Deceased.

<sup>&</sup>lt;sup>2</sup> Resigned.

- > JOHN HEWITT JUDD, B.Sc., M.D., Assistant Professor of Ophthalmology.
- > JOHN JAY KEEGAN, A.B., A.M., M.D., Professor of Neurological Surgery and Neuro-Pathology. (Chairman of Department of Surgery.)
- > CHARLES REX KENNEDY, M.D., Professor of Clinical Surgery.
- ZESLEY JOSEPH KIRK, A.B., M.D., Assistant Instructor in Medicine, in charge of Clinical Clerk Service.
- > ARCHIBALD ROY KNODE, M.D., Associate Professor of Otorhinolaryngology.
  - JOHN STEPHENS LATTA, A.B., Ph.D., Professor of Anatomy. (Secretary of Department.)
- RAYMOND GERALD LEWIS, A.B., B.Sc., M.D., Clinical Assistant in Internal Medicine.
- JOHN PRENTISS LORD, M.D., Professor Emeritus of Orthopaedic Surgery.
- ERNEST LYNN MACQUIDDY, A.B., M.D., Assistant Professor of Medicine.
- JAMES S. MCAVIN, Ph.G., M.D., Instructor in Anesthesia and Radiology.
- JOSEPH D. MCCARTHY, M.D., Instructor in Clinical Research and Instructor in Medicine.
- > LEON STEINER McGoogan, A.B., M.D., Instructor in Obstetrics and Gynecology.
  - ARCHIBALD ROSS MCINTYRE, Ph.D., M.D., Professor of Physiology and Pharmacology.
  - HAROLD WINFRED MANTER, Ph.D., Associate Professor of Zoology and Adviser to Pre-Medical Students.
  - MORRIS MARGOLIN, A.B., M.D., Clinical Assistant in Medicine.
- > OTIS WALLACE MARTIN, B.Sc., M.D., Instructor in Urology.
- 7 CLAUDE WILLIAM MASON, M.D., Assistant Professor of Medicine, in charge of Tropical Medicine.
- 7 GLENN MILLER, B.Sc., M.D., Instructor in Surgery.
- 7 WILLSON BRIDGES MOODY, A.B., M.D., Instructor in Medicine.
- CHARLES FRANKLIN MOON, B.Sc., M.D., Assistant Professor of Obstetrics and Gynecology.
- > JOHN CLYDE MOORE, JR., A.B., B.Sc., M.D., Associate Professor of Pediatrics.
  - SERGIUS MORGULIS, A.B., A.M., Ph.D., Professor of Biochemistry. (Chairman of Department.)
- REUBEN ALLYN MOSER, A.B., M.D., Assistant Professor of Medicine and Director of Medical Clinic at the Dispensary.
- > FLOYD JOSHUA MURRAY, B.Sc., M.D., Instructor in Surgery.
- > NATHAN MUSKIN, A.B., M.D., Clinical Assistant in Medicine.

JOHN TENNYSON MYERS, A.B., Ph.D., M.D., Professor of Bacteriology and Public Health and Director of the Dispensary.

- > OLIVER CLARKE NICKUM, A.B., M.D., Clinical Assistant in Medicine.
- / FREDERICK W. NIEHAUS, B.Sc., M.D., Assistant Professor of Medicine.
- / JOHN RUDOLPH NILSSON, M.D., Assistant Professor of Surgery.
- / CHARLES AUSTIN OWENS, B.Sc., M.D., Assistant Professor of Urology.
- 7 CHARLES WHITNEY POLLARD, A.B., M.D., Professor of Obstetrics and Gynecology. (Chairman of Department.)
- 7 GEORGE BENJAMIN POTTER, M.D., Assistant Professor of Ophthalmology.
- 7 JOHN BEEKMAN POTTS, M.D., Associate Professor of Otorhinolaryngology. CHARLES WILLIAM MCCORKLE POYNTER, B.Sc., M.D., Dean of the College
- of Medicine and Professor of Anatomy. (Chairman of Department.)
- GEORGE PAYTON PRATT, B.Sc., M.D., Assistant Professor of Medicine.

- > GEORGE WINTHROP PRICHARD, A.B., M.D., Instructor in Medicine.
- > DANIEL THOMAS QUIGLEY, M.D., Instructor in Surgery.
- ROY RAYMOND RALSTON, D.D.S., Clinical Assistant in Oral Surgery.
- > ROBERT HOUSTON RASGORSHEK, M.D., Instructor in Ophthalmology.
- > JOHN PHILBROOK REDGWICK, B.Sc., M.D., Clinical Assistant in Medicine.
- > RAYMOND MAINE RICE, B.Sc., M.D., Clinical Assistant in Internal Medicine.
- > CHARLES O'NEILL RICH, B.Sc., M.D., Assistant Professor of Surgery.
- 7 GEORGE EDWIN ROBERTSON, B.Sc. in Med., M.D., Instructor in Pediatrics.
- > CLYDE AUGUSTUS ROEDER, M.D., Associate Professor of Surgery.
- > PHILIP L. ROMONEK, M.D., Instructor in Otorhinolaryngology.
- CLARENCE RUBENDALL, B.Sc., M.D., Associate Professor of Otorhinolaryngology.
- > ABRAHAM SROL RUBNITZ, A.B., M.D., Instructor in Medicine.
- > EARL CUDDINGTON SAGE, B.Sc., M.D., Assistant Professor of Obstetrics and Gynecology. (Secretary of Department.)
- ALFRED SCHALEK, A.M., M.D., Professor of Dermatology and Syphilology. (Chairman of Department.)
- 7 ROBERT D. SCHROCK, A.B., M.D., Professor of Orthopaedic Surgery. (Chairman of Department.)
- > WILLIAM LETE SHEARER, A.B., D.D.S., M.D., Professor of Surgery, in charge of Oral and Plastic Surgery.
- > EUGENE EARL SIMMONS, B.Sc., M.D., Instructor in Medicine.
- OLGA FRANCES STASTNY, M.D., Instructor in Obstetrics and Gynecology. ROBERT JAMES STEARNS, M.D., Instructor in Gynecology.
- ABRAHAM A. STEINBERG, B.Sc., M.D., Instructor in Ophthalmology.
- WILLIAM HERMAN STOKES, M.D., Associate Professor of Ophthalmology. (Chairman of Department.)
- D JOHN EDWARD SUMMERS, LL.D., M.D., Professor of Clinical Surgery.
  - > WILLIS HARVEY TAYLOR, B.Sc., M.D., Associate Professor of Obstetrics. Amos Thomas, LL.B., Instructor in Medical Jurisprudence.
  - CHARLES EDWARD THOMPSON, B.Sc., M.D., Instructor in Internal Medicine.
  - >CHESTER QUAY THOMPSON, B.Sc., M.D., Instructor in Medicine.
  - > WARREN THOMPSON, B.Sc., M.D., Instructor in Medicine.
  - > PAUL WAYNE TIPTON, B.Sc. in Med., M.D., Clinical Assistant in Orthopaedic Surgery.
  - > JAMES PERRY TOLLMAN, B.Sc., M.D., Assistant Professor of Clinical Pathology.
  - CHARLES CREIGHTON TOMLINSON, M.D., Assistant Professor of Dermatology and Syphilology.
  - > CHESTER HILL WATERS, B.Sc., M.D., Assistant Professor of Surgery and Assistant Professor of Gynecology.
  - > CLAYTON GUY WEIGAND, B.Sc., M.D., Clinical Assistant in Pediatrics.
  - > JOSEPH A. WEINBERG, B.Sc., M.Sc., M.D., Associate Professor of Clinical Pathology and Instructor in Surgery.
  - > WILLIAM PENALUNA WHERRY, M.D., Professor of Otorhinolaryngology. (Chairman of Department.)
- > HARRISON ALONZO WIGTON, B.Sc., M.D., Associate Professor of Neuro-Psychiatry.
- WILLIAM ALBERT WILLARD, A.M., Ph.D., Professor of Anatomy.

- DONALD JASPER WILSON, A.B., B.Sc., M.D., Instructor in Dermatology > and Syphilology.
  - HELEN WYANDT, M.Sc., Assistant Professor of Pathology and Bacteriology.
  - GEORGE ALEXANDER YOUNG, M.D., Professor of Neuro-Psychiatry. (Chairman of Department.)
  - RICHARD HARTE YOUNG, B.Sc., M.S., M.D., Instructor in Neuro-Psychiatry.

terns: Baker, Bigger, Duey, Driver, Gump, Jakeman, Lawrence, Interns: Loder, Pennoyer, Scheer, Smith, Womble.

Resident in Radiology: Heitzman.

Graduate Assistants: Crook, Elias, Inda, LeMar, Marrs, Sievers, Spencer.

# COMMITTEES OF THE FACULTY

Executive-Chairmen of Departments.

Credits-The Dean (Chairman), Doctors Myers, Willard.

Scholarship-Doctors Eggers (Chairman), Guenther, Latta, Moon. MacQuiddy.

Student Activities-Doctors Pollard (Chairman), Conlin, Shearer.

Library-Doctors Latta (Chairman), Brown, McIntyre, Pratt. Miss Hillis.

Graduate Studies-Doctors Willard (Chairman), Guenther, Morgulis. Post-Graduate Clinics-Doctors Bliss (Chairman), Taylor, Kennedy.

Dispensary-Doctors Myers (Chairman), Moser, Taylor, Tomlinson,

Weinberg, E. W. Bantin.

University Hospital-Doctors Young (Chairman), Bliss, Keegan, Pollard.

Staff Clinics-Doctors F. L. Dunn (Chairman), Hunt, Tollman.

Examinations-Doctors Mason (Chairman), Best, Wigton, McGoogan, Owens, Niehaus, Stokes, Henske, Tollman.

#### ADMINISTRATION

FRANCIS J. BEAN, A.B., M.D., Assistant Superintendent of University Hospital.

AGNES BRAIG, Record Librarian, University Hospital.

CHARLOTTE BURGESS, R.N., Ph.B., Director of the School of Nursing.

JOSEPHINE CHAMBERLIN, R.N., Superintendent of Dispensary.

WILLIAM G. EVERS, Cashier.

MARGUERITE GODSEY, Secretary to the Superintendent, University Hospital.

MADALENE S. HILLIS, Librarian of Medical College Library.

MARY LOU LESLIE, A.B., Secretary to the Dean.

RUBEN B. SAXON, B.Sc. in M.E., Assistant Operating Superintendent at the College of Medicine.

100

# THE COLLEGE OF MEDICINE

Degrees of Doctor of Medicine, Bachelor of Science in Medicine, Bachelor of Science in Nursing, and Graduate Nurse.

# HISTORY

The first move for the establishment of a college of medicine in the state of Nebraska came February 15, 1869, when the Nebraska state legislature approved the formation of the University of Nebraska at Lincoln, which was to include a college of medicine. Nothing was done toward the establishment of this college until 1883, when the University of Nebraska Medical College was established at Lincoln. The legislature of 1887 withdrew its appropriation, necessitating discontinuance of the college on May 19, 1887. In 1902 the Omaha Medical College, incorporated at Omaha in 1881, entered into an agreement of affiliation with the University of Nebraska whereby the first two years of a fouryear medical course would be given at Lincoln and the last two years in Omaha. By this move the college changed its name to the University of Nebraska College of Medicine and became an integral part of the state university. Since 1913 the entire four-year course has been offered at Omaha.

## STANDING

Under the appropriation made by the Legislature during the period since 1913, the Board of Regents has devoted more than a million and a half dollars for the erection and equipment of buildings for the Medical College. These buildings and their equipment provide for the student activities of the work of both the basic sciences and the clinical years. The University Hospital was built to provide for two hundred and fifty beds in the various services organized for medical teaching.

The College of Medicine meets the requirements of the most exacting state examining and licensing boards. Its diploma grants the holder all privileges accorded to graduates of any medical college in the United States. It is a member of the Association of American Medical Colleges and has a Class "A" rating by the American Medical Association. It maintains the highest standards in instructional staff and content of courses.

The course of study in medicine covers four years of thirty-six weeks each. The first two years in medicine include those laboratory sciences which form the basis for the clinical studies of the last two years. The clinical application of laboratory subjects is emphasized and introductory clinical subjects are given in the second year. The last two years are spent largely in the study of disease in clinics of the hospital and out-patient department. The objective method is followed in laboratories and clinical instruction, with constant reference to the facts acquired from earlier laboratory work. In all courses students are encouraged to do the largest amount of individual work consistent with the discipline of the curriculum.

In the plan of instruction throughout the four years students are arranged in small groups to meet both laboratory and clinical instructors. This tends to overcome the objections which are so frequently urged by students where they are met in large classes for didactic exercises.

# ADMISSION TO THE COLLEGE OF MEDICINE

For admission to the College of Medicine, applicants must present official credentials as follows:

HIGH SCHOOL.—Graduates of accredited high schools may have full admission to freshman standing on 12 entrance units, conditional admission on 11 units, completed in the senior high school (grades 10, 11, and 12).

Nine academic units are required which shall include a major (3 units) and 2 minors (2 units each), consisting of English and mathematics for all colleges and other academic subjects with such specific restrictions as are indicated for each individual college. Academic subjects are defined as English, foreign languages, mathematics, natural sciences, and social sciences. A major in foreign languages may consist of a year of one language and two of another, but a minor must be in a single language. A major or a minor in mathematics must include a year of algebra and a year of geometry. A unit of algebra and a unit of foreign language completed below grade 10, while not counting toward the units for admission, may be applied toward meeting majors and minors.

PRE-MEDICAL.—Applicants must complete a total of sixty-five hours of college work, representing an attendance at an approved college for two college sessions, each consisting of at least thirty semester hours, extending through two years of thirty-two weeks each. The required subjects of the following schedule are in accordance with the recommendations of the Association of American Medical Colleges:

Semester Hours

Chemistry (4 hours of which shall be Organic)	12
Physics	8
Biology	8
English	6
Electives	31
	—

Each student applying for admission to the College of Medicine is required to take the aptitude test as provided by the Association of American Medical Colleges, except where specifically excused by authorities of the College.

Elective courses should be chosen with the idea of obtaining the maximum cultural benefit in subjects which have a relation to medicine. Credits offered from professional schools which do not regularly receive Arts College credit are not accepted for pre-medical college requirements. Pre-medical credit will not be accepted for courses given in Arts and Science College in subjects which are repeated in the medical curriculum.

A modern foreign language, psychology, sociology, and literature are recommended. Advanced zoology and additional chemistry will be of value. An extra year or two can be spent profitably in the Arts College.

For medical entrance a semester hour is defined as follows: A semester hour is the equivalent of one hour of recitation, quiz, or lecture per week for one semester or two hours of laboratory work per week for one semester.

APPLICATION FOR ADMISSION.—Applications should be made to the Dean of the University of Nebraska College of Medicine, 42nd and Dewey Avenue, Omaha, Nebraska, who will furnish a printed application blank and two character reference blanks. The latter are to be filled out preferably by a professor of zoology and a professor of chemistry.

Applications for admission presented after June fifteenth will be considered only at the discretion of the College. Applications may be presented upon completion of three semesters of pre-medical work, with indication of enrollment for the remaining necessary subjects during the fourth semester or summer school. A provisional acceptance will be given such students if their record is satisfactory. Upon receipt of notice that an applicant has been accepted for entrance to the College of Medicine, he is required to send a deposit of twenty-five dollars (\$25.00) to be applied as part payment of the tuition fee of the first term at the time of registration, or to be forfeited if the applicant fails to register in the College of Medicine by October first. A charge of five dollars may be made for evaluation of transcripts of non-resident students, such fees to be applied as part payment of tuition if applicant is accepted.

ADVANCED STANDING.—Application for admission to advanced standing in the second and third medical year classes will be considered only from Class "A" schools. Applicants for admission must furnish evidence that they have satisfactorily completed courses equivalent in kind and amount to those taken by the class to which admission is sought, and must present also a letter of honorable dismissal. The University of Nebraska College of Medicine reserves the right in every case to give examinations in any or all subjects in which credit is requested. Such examinations, however, are given only in exceptional cases.

No student coming from another school will be allowed any privileges in this school which would have been denied him in the school which he leaves.

No student will be admitted to advanced standing in any class with a delinquency in any subject; nor may he become a candidate for graduation without spending the last two years in residence.

CREDIT REQUIREMENTS.—In accordance with the recommendation of the Association of American Medical Colleges, the College of Medicine does not grant any time credit toward the Doctor of Medicine degree to holders of a Bachelor's degree; this means that the total time spent by each student taking his medical degree must include as a minimum four years of registration in a medical college.

The granting of subject credit is at the discretion of the Committee on Credits, which may ask the chairman of any department in which credit is offered to certify as to the student's eligibility through such examination as he may reasonably impose. Admission to any class does not necessarily carry with it credit in all work previously done by the class, since the Committee on Credits has the right to demand satisfactory evidence of the completion of previous work in that subject equal to that required of the student of this College, and in case the work is not equal to such requirement the deficiency stands against the student as an "incomplete" until removed.

# COMBINED ACADEMIC AND MEDICAL COURSES

COURSE LEADING TO THE DEGREES OF BACHELOR OF SCIENCE AND DOCTOR OF MEDICINE.—By use of the two pre-medical years and the subjects of the first and second years of the medical course as electives in his collegiate course, the student is enabled to receive, at the end of four years, the degree of Bachelor of Science in the College of Arts and Sciences. This, however, can be accomplished only by following the course as outlined below. Any student failing to meet these requirements can secure his Bachelor of Science degree only by meeting the group requirements of the College of Arts and Sciences.

# SUGGESTED SEQUENCE OF SUBJECTS

# PRE-MEDICAL COURSE

#### FIRST YEAR

First Semester       H         Chemistry 1 or 3 <sup>-1</sup> 5 or         Zoology 1	r 3 3 3 1	Second Semester     Hours       Chemistry 2 or 4
Electives	4	Electives
SE	COND	YEAR
Chemistry 19 (Qualitative) Physics 1 or 11	r 4 4 1	Chemistry 31 (Organic)         4           Physics 2 or 12         5 or 4           Military Science 4         1           Electives         8 or 9

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COURSE LEADING TO THE DEGREES OF BACHELOR OF ARTS AND DOCTOR OF MEDICINE.—A student registering for the degree of Bachelor of Arts may arrange a course similar to the course leading to the degrees of Bachelor of Science and Doctor of Medicine by the same use of his electives, but three years pre-medical work are necessary to meet the requirements for the Bachelor of Arts degree and to secure, at the same time, the scientific training required for the degree in medicine.

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COURSE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN MEDICINE. —Students presenting pre-medical college credits of high standard and who have completed the first two years in Medicine, the last year of which shall be in residence in this institution, but who have not fulfilled the requirements for the degree of Bachelor of Science in the College of Arts and Sciences, may become candidates for the degree of Bachelor of Science in Medicine.

# **REGISTRA'ION**

Certain days at the beginning of each semester are allowed for registration. To promote prompt registration, a fee of \$3.00 is charged any student who, unless excused by the Dean, seeks to register outside of these days. A fee of \$1.00 is charged for re-registration when made necessary by the student's fault. Any change whatever in a registration once made is considered as a re-registration. No work done in the College of Medicine may be granted credit without proper registration.

<sup>&</sup>lt;sup>1</sup> Students entering with two semesters of high school chemistry take Courses 3 and 4.

Eligibility for the degree of Doctor of Medicine requires registration in eight separate semesters. No regular student is registered for less than twelve hours a semester without the Dean's permission, nor under any conditions for more than eighteen hours. No student may add any subject to his schedule or drop from it any subject for which he has been regularly registered, without written permission from the Dean. Students may not attend classes for which they are not registered.

Students desiring to use the work of the first two medical years for baccalaureate credit at the University of Nebraska must register in the Arts and Science College until the necessary amount of college work is completed. Candidates for baccalaureate degrees in other institutions than the University of Nebraska may arrange with their colleges to accept transcripts of the work of the first two years in medicine to apply to such degrees, or otherwise satisfy the requirements of those institutions.

# CLASS STANDING AND EXAMINATION

The standing of a student in any course is determined by the instructor in charge of the subject through examinations, personal contact, and observation of routine work. The passing grade for subjects of the first and second medical years is 70 per cent and for the third and fourth medical years is 75 per cent. A grade below passing constitutes a "failure."

A course, which for a good reason has not been completed, may, if of passing grade, be marked "incomplete". Such "incomplete" must be removed by the end of the first semester in which the course is again offered or it becomes a failure.

Attendance on less than 80 per cent of the scheduled lectures and recitations or 85 per cent of the scheduled laboratory and clinical hours constitutes a "failure" in any course and shall be so reported.

A "failed" subject must be absolved by re-registration in and satisfactory completion of the subject at or before the next offering in the College schedule. A re-registered subject takes precedence over all other subjects. A student who has failed twice here or elsewhere in the same subject is not eligible for registration in that subject at this College.

A student who fails to make an average of 75 per cent in all of the subjects of either the first or second medical years shall be re-examined in all of the subjects of the respective year by an examining committee before being permitted to register for the following year.

At the end of the senior year a committee examination and thesis will be required before recommendation for graduation.

Whenever at the end of any semester a student is delinquent in half or more of his registered hours, his name is automatically dropped from the rolls of the College of Medicine and his registration cancelled.

# ABSENCE OR WITHDRAWAL

The Dean of the College of Medicine is the Adviser of all students in the College of Medicine. A leave of absence for a short time may be granted a student by the Dean of his College. This is merely a justification for absence and not an excuse from any work. If a student in good and honorable standing finds it necessary to withdraw from the

# THE UNIVERSITY OF NEBRASKA

University before the close of a semester, the Dean grants him permission to do so. If he is in good standing and is not a minor he is given honorable dismissal from the University at his own request; if a minor, at the request of his parents or guardian.

# REQUIREMENTS FOR GRADUATION

The degree of Doctor of Medicine is granted only under the following conditions:

1. The candidate must be at least twenty-one years of age.

2. He must possess a good moral reputation.

3. He must have complied with all the requirements of admission.

4. He must have pursued the study of medicine for at least four years and must have passed all required courses and examinations and have received credit for at least four full years of instruction at medical colleges in good standing. The last two years must have been taken in this institution.

# GRADUATE WORK

Graduate work of two types is offered in the College of Medicine.

1. Advanced study and research may be pursued in one or more of the laboratory departments by students holding baccalaureate degrees from this institution or from some other university or college, such work leading to the Master's or Doctor's degree is registered for in the Graduate College and is subject to its regulations. A student may, with the consent of the Graduate College and the Dean of the College of Medicine, divide his work between the two Colleges providing the general rules as to total hours of registration are not violated.

2. Research accomplished under the direct supervision of the faculty by graduates of outstanding scholarship serving in the University of Nebraska College of Medicine may lead to the degree of Doctor of Medicine cum laude. The following conditions laid down by the faculty must be complied with. The candidate should apply at least one year before he expects to come up for such degree and the subject of his study as well as an outline of the proposed work must be approved by the Faculty Committee on Graduate Study. Throughout the year the candidate's investigative work should be under the supervision of two advisers named by the above committee, one of whom shall be a member of the laboratory faculty, the other the Chief of Staff of the Hospital, where the candidate serves his internship. The work must represent original clinical or experimental data embodied in a typewritten thesis which should also give a comprehensive and critical survey of the literature of the special topic under investigation. Three copies of the thesis should be submitted, one of which will be deposited in the Medical College Library, if accepted. The granting of the degree should be by unanimous vote of the faculty after the thesis, properly recommended by the advisory committee, has been accepted by the executive committee of the faculty.

### FEES

(The following schedule of fees will remain in force for the year 1934-35 unless changed by the Board of Regents prior to registration.)

Tuition fees for the current semester must be paid on date of registration.

Matriculation fee (charged once only for each degree)	.\$ 5.00
Diploma fee	. 5.00
Diploma fee, in absentia, additional	. 10.00
Diploma, "cum laude," fee	. 10.00
Registration, each semester	. 1.00
Examination, special, each subject	
Non-resident, minimum, each semester	. 25.00
Tuition, each semester	.100.00
Tuition, irregular students, per credit hour	. 7.00
Laboratory and breakage, each year	
Catalog, General	
Medical service	

(Unused portion of breakage fee is returnable at end of senior year.) The schedule of fees for the pre-medical years are as follows:

Chemistry—per credit hour\$	2.50
English—per credit heur	1.50
Freshman Lecture-per credit hour	1.50
Military Science-per credit hour	1.50
Physics-per credit hour	2.50
Zoology—per credit hour	2.50

No person may be recommended for a degree until he has paid all fees, including the fee for the diploma.

For elective courses requiring laboratory space, apparatus, and material, an extra fee is charged. This fee is by arrangement between the student and chairman of the department, and is based on the amount of material required. No student in the College of Medicine may be excused from tuition payments because of the fact that he holds an appointive position or is doing instructional work for any department. Special course fees or the fees of students taking part-time work is prorated on the basis of the number of hours of work. In no case is the fee more than twenty cents for each hour of work. The minimum fee, however, is \$10. Breakage in the laboratory and damage to the College property is charged to the individual or class responsible. In case the responsibility for the damage cannot be placed it is charged to the class pro-rata.

NON-RESIDENT STUDENTS.—All non-resident students will be charged a non-resident fee. "The fee charged will not be less than the fee charged to residents of Nebraska for a similar course of study in a corresponding institution by the state in which such non-resident has his home." (Chapter 59, Page 178, Nebraska Session Laws of 1923.) This fee will not be less than \$25.00 a semester, but it must be as much as the fees which a corresponding institution in the state in which the student resides would charge a resident of Nebraska for a similar course of study. The exact amount of the non-resident fee will be determined when application for entrance is made.

The following rules have been adopted by the Board of Regents:

1. In accordance with statutory provisions, all students not domiciled in Nebraska are required to pay the non-resident fees. These entering the state to attend a state school, or within one year prior to matriculation, are presumed to be non-residents and the burden of overcoming this statutory presumption is upon them. Ordinarily this will not be satisfied by a mere declaration, while attending school, of intent to reside in Nebraska.

2. One desiring exemption shall make a verified application therefor upon a blank to be secured from the Finance Secretary's office and approved by the committee on exemptions. All information called for by the form shall be given in full. When duly verified, the application shall be filed with the Finance Secretary.

3. Students who are charged the non-resident fee by the Registrar, and who claim exemption, must file their application for exemption with the Finance Secretary on or before the end of the ninth week of the semester for which the fee is charged; in the case of summer sessions, before the end of the third week of the term for which the fee is charged. For failure after due notice to file such application on said date, the fee becomes automatically assessed to the student.

4. In all cases the burden is upon the applicant to make a showing sufficient to justify the requested exemption. While personal hearings will not be granted as of right, the committee will summon the applicant for a personal interview in all cases where it is of the opinion that such an interview will aid the proper disposition of the case.

It should be noted that no provision is made for exempting students from this fee on account of financial need or of scholarship. Students coming from outside the state therefore should be prepared to pay the fee throughout their University career.

REFUNDS.—The matriculation fee will be refunded only when charged through an error of a University official. Registration fee and medical service fee will not be refunded but tuition fees may be refunded on withdrawal in good standing from the University according to the following schedule:

Tuition returnable	All	75%	50%	25%	None
Each semester, withdrawal within	1-2	3-6	7-10	11-14	15-18 weeks
Summer session, 9 weeks, withdrawal within	1	2-3	4-5	6-7	8-9 weeks
Summer session, 6 weeks, withdrawal within	1	2	3	4	5-6 weeks

# MICROSCOPES

Students are required to provide suitable microscopes for their own use. Inquiries regarding specifications for microscopes as recommended by the Faculty may be obtained by addressing the Dean's office.

# EXPENSES

Board may be obtained in the vicinity of the College campus at an average of \$6.00 per week. Comfortable rooms for individuals cost from \$10 to \$15 a month. Students rooming together may obtain comfortable rooming quarters at approximately \$8 per month each. The average expense of the student for a school year, including books, instruments, and all fees, is between \$700 and \$900. Students should provide an allowance of \$75 per annum for books and instruments.

The Young Men's Christian Association offers to students in the College of Medicine special season tickets at a very small cost, granting the privileges of the Association Building. In a city the size of Omaha there are many opportunities for students to defray a part of their expenses. The College of Medicine does not, however, guarantee employment. Through the Young Men's Christian Association, the Omaha Chamber of Commerce, and other agencies, employment is obtained for a number of students.

# LABORATORY FACILITIES

ANATOMY.—The Department of Anatomy occupies the third and fourth floors of the North Laboratory Building. The rooms are well lighted and ventilated. The "unit room" system—each unit accommodating four or eight students—has been adopted as superior to that of a large common dissecting room. The State Anatomical law provides ample material for dissection. In the laboratory for nucroscopic anatomy individual desks, lockers, reagents, etc., are at the student's command, as are also excellent collections of histological and embryological material, models, charts, etc.

BIOCHEMISTRY.—This department, located on the fourth floor of the South Laboratory Building, is amply equipped with modern scientific apparatus. It also has special research laboratories equipped with calorimeter, thermostat, automatic burettes, electric stoves, etc. A balance room and rooms for combustion, calorimetric, and Kjeldahl work may also be mentioned.

CLINICAL PATHOLOGY.—There are two laboratories on each floor of the hospital adjoining the wards equipped for all regular diagnostic laboratory tests. For clinical clerk service, a central hospital laboratory is provided, in which clinical laboratory work on assigned cases is done under supervision. For tissue examination, a special laboratory is located on the ground floor of the first hospital unit, with necropsy room adjacent.

CLINICAL RESEARCH.—This department is located on the ground floor of the North Laboratory Building, with special rooms for divisions of the work. Facilities are available for investigation of special problems.

PHARMACOLOGY.—Experimental pharmacology occupies the second floor, South Laboratory Building. The chemical and pharmaceutical work of the student is carried on in this laboratory. The department's equipment includes private laboratories for experimental work.

PATHOLOGY AND BACTERIOLOGY.—This department occupies the first and second floors of the North Laboratory Building, and has two large teaching laboratories for bacteriology, for general pathology of the second medical year, and for clinical and special pathology of the third medical year. Ample facilities and apparatus, with the exception of microscopes, are provided for each student.

PHYSIOLOGY.—The main physiology laboratory in the South Laboratory Building accommodates forty students in each section and separate tables with lockers are provided for each pair of students. The room for mammalian experimentation accommodates thirty-two students. For research work and special experiments several additional rooms are available. The work shop, the instrument room, and the photographic room furnish opportunities for additional types of work.

# CLINICAL FACILITIES

THE UNIVERSITY HOSPITAL.—The University Hospital forms the largest unit of the group of buildings constituting the College of Medicine. It is the center around which all the activities of the various departments are grouped, making possible a close correlation between clinical and laboratory teaching. The Hospital, modern in every respect, contains floor space for 240 beds, and provides for the care of a wide variety of cases. Patients are received from the several counties of Nebraska and are admitted on the application of a legally qualified practitioner of medicine and county official. The patient's application certifies that he is financially unable to employ a physician. There are no private patients.

The ground floor contains an admitting department, drug room, kitchen, large and subsidiary dining rooms, pathological laboratories, necropsy amphitheatre, a central stores department, the X-ray and physical therapy department, and the stack room of the library. The first or main floor contains the College and Hospital administration offices and provides three medical wards, a medical amphitheatre, and the reading room of the library. The second floor provides surgical wards similar to those on medicine, also quarters for resident physicians, and photographic and electro-cardiographic rooms. The third floor contains the intern quarters, wards for obstetrics and gynecology, a children's ward, and a psychopathic ward. On the fourth floor is situated the operating pavilion, with rooms to take care of minor surgery and major surgery which accommodates small and larger groups of students as observers. Each ward is provided with a large solarium.

The control of the University Hospital rests wholly with the College of Medicine. THE UNIVERSITY DISPENSARY is located in the South Laboratory Building. Separate services, each having its own rooms and equipment, are provided in internal medicine; surgery; eye, ear, nose, and throat; pediatrics; gynecology; obstetrics; neurology; dermatology; and genito-urinary diseases. There is also an out-call service which provides medical treatment in the homes, and in its problems cooperates with the Visiting Nurses' Association and other charitable agencies of the city. All of the above activities are organized for the benefit of the senior students and furnish a wide diversity of diseases for observation and care by them during the last year.

EXTRAMURAL HOSPITALS.—Clinical teaching is scheduled at the Douglas County Hospital and the Methodist Hospital, both within a few minutes' walk of the Medical College campus. The Douglas County Hospital is located only four blocks from the University of Nebraska College of Medicine campus, and students are assigned for clinical work under the supervision of members of its staff who are on this faculty. The Methodist Hospital is a modern fireproof structure of 225 beds and is well equipped with laboratories, clinic rooms, etc. Selected cases are presented. Additional available hospitals are the Clarkson Memorial, Immanuel, Evangelical Covenant, and Omaha Emergency.

HOSPITAL APPOINTMENTS.—Graduates of the College of Medicine are afforded a wide choice in the selection of internships. Approximately thirty internships are available in the Omaha hospitals mentioned, and each year graduates have received appointments in many of the leading hospitals of the United States and Canada. The demand for acceptable interns is greater than the College has ever been able to supply.

# ADDITIONAL INFORMATION

PUBLIC HEALTH.—The College of Medicine stands ready to supply expert advice in cooperation with the state and local departments of health on the general health conditions within the state. Members of the faculty of the College of Medicine will respond whenever possible for addresses on medical subjects of general interest. These addresses are available for teachers' associations, women's club meetings, and the like.

THE COLLEGE OF MEDICINE LIBRARY is located in a wing of the Hospital Building and within easy access from the various laboratories, and stands as a vital, common interest to the laboratory and clinical branches of medical instruction. The spacious reading and seminar rooms furnish a most congenial place for students and faculty to work. Accessions, cataloging, and indexing are in charge of a competent, expert librarian. The 35,000 bound volumes and more than 16,300 unbound pamphlets, reprints, and theses are the result of purchases and acquisitions extending over a period of more than half a century and represent the mature judgment, as to valuable medical literature, of many specialists. There has thus been built up, not only a very valuable research library, but one which offers students abundant opportunities for additional reading and study. Over 290 standard, scientific periodicals are on the regular subscription list.

Incidental to its ordinary functions, the library has, in recent years, laid emphasis on the acquisition of material of historic interest, including pictures of great medical men, biographies, histories, and surgical instruments. It also keeps a file of reprints from the writings of Nebraska medical authors. Incorporated within the library of the College of Medicine are 2,000 volumes of the Omaha-Douglas County Medical Society and 1,500 volumes of the Nebraska State Medical Society.

THE UNIVERSITY LIBRARY, in Lincoln, containing 275,000 volumes, is freely accessible to students and faculty in Omaha. Books may be withdrawn at any time upon demand. Likewise through the Medical College librarian it is possible for short periods to draw upon the resources of the John Crerar Library of Chicago or the Surgeon General's Library at Washington. The State Library of 99,400 volumes at the State Capitol and the Nebraska State Historical Society Library of 25,000 volumes include valuable medical works in certain lines; series of public documents such as reports of state boards of health and of state hospitals and other institutions.

THE ALUMNI ASSOCIATION of the University of Nebraska College of Medicine maintains an active organization with headquarters in Omaha. The Association numbers about twelve hundred members.

PRE-MEDICAL SOCIETY.—A large pre-medical society has existed for a number of years among the students in the pre-medical courses at Lincoln. This society meets monthly for an informal evening at which time addresses are made by members of the faculty.

The first Saturday in May is set aside each year as Pre-medic Day for a visit to the Omaha campus.

MUSEUM.—The pathological museum of the College of Medicine contains about 2,500 specimens. Nearly every variety of pathological lesion is represented and the constant addition of fresh material from the large number of autopsies performed continually adds to its interest. The museum is an important and necessary adjunct to the teaching of pathology and of clinical medicine.

The anatomical museum consisting of models, charts, and mounted specimens is housed in the quarters of the department of anatomy, where it is readily accessible to the students of the department.

# SCHOLARSHIPS AND LOAN FUNDS

SCHOLARSHIPS AND FELLOWSHIPS.—The University of Nebraska has authorized the College of Medicine to recognize scholarship by awarding fifty-dollar yearly tuition scholarships to a limited number of students above the first medical year. These awards will be made upon the basis of scholarship and of financial need. Applications should be filed in the office of the Dean of the College of Medicine, and will be submitted to the Dean of Student Affairs and the Chancellor for approval.

Scholarships also are awarded in the various departments in return for student assistance. Applications should be made to the Chairmen of Departments.

Fellowships are available to students who qualify for graduate study and research in the medical sciences. Applications should be made to the Chairmen of Departments.

JETUR RIGGS CONKLING AND JENNIE HANSCOM CONKLING FOUNDATION. —The will of the late Clementine C. Conkling provides for the creation of a trust to be known as the "Jetur Riggs Conkling and Jennie Hanscom Conkling Foundation," the income of which shall be used by the Regents of the University of Nebraska in providing scholarships for deserving medical students. Scholarships may be awarded only after the close of the students' first year in the Medical College.

Under the stipulations of the trust, students who have completed the freshman medical year in good standing may apply for a scholarship. Scholarships will not exceed the sum of two hundred dollars per year. Applications should be addressed to the Dean.

OMAHA MEDICAL COLLEGE FOUNDATION.—This foundation, created in April, 1921, was established largely through contributions received from former professors in the Omaha Medical College. The object of the foundation is to promote the study of medicine and to provide for medical research in the University of Nebraska College of Medicine and to assist worthy students by scholarships and loans. The total in this fund exceeds \$15,000. Only the income may be disbursed. Students applying for benefits under this fund should file a written application with the Dean.

NEERASKA FEDERATION OF WOMEN'S CLUBS SCHOLARSHIP LOAN.—An annual grant of \$200 is made for a loan to a student in the College of Medicine, on the basis of scholarship and financial need.

# COURSES OF STUDY

The course of study outlined is constructed in accordance with the recommendations of the Council on Medical Education of the American Medical Association and of the Association of American Medical Colleges. The experience of the best medical colleges of the country has been freely utilized. The University Hospital and Dispensary on the Medical College campus furnish ideal opportunities for bedside clinical instruction in close relation to the scientific departments of the College.

# SUMMARY OF COURSES OF THE FIRST, SECOND, THIRD, AND FOURTH MEDICAL YEARS FIRST MEDICAL YEAR

#### FIRST SEMESTER

Course	Character		Credit Hours
Anatomy 1	Embryology	120	4.3
Anatomy 2a	Gross Dissection (Upper)	126	4.6
Anatomy 3a	Histology	88	3.3
Pathology 1a	Bacteriology	160	5.8

Course	Character	Total Hours	Credit Hours
Anatomy 2	b Gross Dissection (Head and Neck)	127	4.4
	c Gross Dissection (Torso)	102	3.6
	d Gross Dissection (Lower)	85	3.0
Anatomy 3	b Organology	90	3.0
	c Neurology	114	4.0

# SECOND SEMESTER

<sup>&</sup>lt;sup>1</sup>A "credit hour" in the College of Medicine is based upon a factor of 27.7 hours attendance per week at regularly scheduled lecture, laboratory, or clinical periods during 17 weeks of a semester.

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# SECOND MEDICAL YEAR 2

FI	RST	SEM	EST	'ER

Course	Character	Total Hours	Credit Hours <sup>1</sup>
Physiology and			1
Pharmacology 1	a Didactic	85	5.0
	b Laboratory	153	3.0
Biochemistry 1	a Physical Chemistry	84	3.0
	b Biological Chemistry		5.0
Pathology 1	b Immunology	51	2.0

SECOND	SEMESTER

Course	Character	Total Hours	Credit Hours
Physiology and	-		
	Didactic	85	4.0
d	Laboratory	68	1.0
Pathology 2	General Pathology	221	9.0
	Physical Diagnosis	51	1.0
	Symptomatology	34	1.0
Neuro-Psychiatry 1 a	General Psychology	17	0.5
	Physiology	34	1.0
	Diseases of Newborn	17	0.5

Total hours of semester..... 527 Total credit hours..... 18 Total hours of second medical year .... 1,054

 $<sup>^{1}</sup>$  A "credit hour" in the College of Medicine is based upon a factor of 27.7 hours attendance per week at regularly scheduled lecture, laboratory, or clinical periods during 17 weeks of a semester.

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# THIRD MEDICAL YEAR

# FIRST AND SECOND SEMESTERS

Course	Subject	Lecture Hours	ीinic Hours
Internal Medicine 2	a Physical Diagnosis (1st		
	semester)	100	34
	b Fundamentals of Medicine	102	60
	c Clinical Clerk d Hospital and Dispensary		63
	Clinics	Tak.	68
Pathology 3	b Clinical Pathology (1st		200
	semester)	51	102
	c. Hospital Laboratory		32
Pathology 4	a Hygiene (2nd semester)		17
Pediatrics 1	o Infant Feeding (1st semester)	17	17
	c Communicable Diseases (2nd	11	т (
	semester)	17	
	d Clinical Clerk		24
Neuro-Psychiatry 1	o Neurology (1st semester)	17	
	Psychiatry (2nd semester)	17	
Downstologra 1	l Clinical Clerk Dermatology (2nd semester)	9	24
Dermatology 1	a Fundamentals	68	8
burgery manner	clinical Clerk	00	24
	e Hospital and Dispensary		
	Clinics		68
	l Surgical Technic (2nd		
Outbased in 1	semester)	9	8
Orthopaedics 1	a Lecture Clinic (2nd semester) o Clinical Clerk	9	8 9
Urology 1	a Fundamentals of Urology		9
	(2nd semester)	17	
	o Clinical Clerk		6
Otorhinolaryngology 1.	a Diseases of Ear, Nose, and		
	Throat (2nd semester)	34	
Ophthalmology 1	o Clinical Clerk a Medical Ophthalmology (2nd		6
Ophthalmology 1	semester)	17	
	o Clinical Clerk	1.	6
Obstetrics and			
Gynecology 1	Pathology of Pregnancy	68	
	c Clinical Clerk		<b>24</b>
Radiology 1	l Gynecology	34	
nautology 1	Principles of Radiology and Physical Therapy	34	
	ingstear incrapy	04	-
		520	548

Total hours of Third Medical Year ......1,068

# FOURTH MEDICAL YEAR

# FIRST AND SECOND SEMESTERS

Course	Subject	Lecture Hours	Clinic Hours
Internal Medicine 3 Pathology 3 Pathology 4 Pediatrics 2	<ul> <li>b Out-Call</li> <li>c Hospital Clinic</li> <li>d Therapeutics</li> <li>e Tropical Medicine (2nd semester)</li> <li>d Necropsies</li> <li>b Public Health (1st semester)</li> </ul>	17	96 128 68 17 20 17
Neuro-Psychiatry 2 Dermatology and Syphilology 2 Surgery 2	Dispensary a Hospital Clinic b Dispensary a Dispensary b Hospital Clinic c Clinical Anatomy (1st semester) d Fractures and Dislocations	17 17	$     40 \\     68 \\     16 \\     40 \\     32 \\     68 \\     17 $
Ophthalmology 2 Obstetrics and Gynecology 2	a Dispensary	11	11 12 8 24 32 36 24 34 120
		68	934

Total Hours of Fourth Medical Year ......1,000

1

# DEPARTMENT OF ANATOMY

# Professors Poynter (Chairman), Willard, Latta (Secretary), Assistant Professors R. R. Best, Grodinsky, Instructor Holyoke, Assistant Gurney, Graduate Assistants

In this department instruction is given in gross anatomy, histology, organology, embryology, and neurology. The work of the department extends through the first medical year.

All instruction is based on laboratory work carried out under the supervision of the staff. Lectures covering subjects of broad morphological significance are given before the entire class, but for the discussion of details, in conjunction with laboratory work, the class is subdivided into small groups. Every effort is made to correlate the work in gross and microscopic anatomy.

1. EMBRYOLOGY.—Brief survey of the fundamental facts of vertebrate development and their application to the problem of human morphogenesis and histogenesis. The work on general development is based on the study of the chick and pig; in organology this material is largely supplemented with human tissues. Recitations, lectures, and laboratory. Total 120 hours. First semester, first medical year.

2. GROSS ANATOMY.—Dissection of entire body. This work is carried out in groups of four, each group being assigned a separate room. From time to time table demonstrations and quizzes are required. Through this table teaching the student's proficiency is increased and calibration of individual progress is made possible. First medical year.

a. Dissection of Upper Extremity.—Total 126 hours, second eight weeks, first semester.

b. Dissection of Head and Neck .- Total 127 hours, second semester.

c. Dissection of Torso .- Total 102 hours, second semester.

d. Dissection of Peritoneum and Lower Extremity.—Total 85 hours, second semester.

3. MICROSCOPIC ANATOMY.-

a. Histology.—A systematic study is made of typical preparations illustrating the microscopic structure of the various fundamental tissues of the body. These are furnished ready for study except in a few cases where fresh and teased preparations are used. Human tissues are largely used, supplemented by other mammalian tissues, especially where characteristic structure is better shown in that form. Lectures, quizzes, and laboratory. Total 88 hours. First semester, first medical year.

b. Organology.—The application of histological methods to the study of the organ systems of the body. An individual loan collection representing the best obtainable human material is furnished each student. This is supplemented by other mammalian material and a large number of special demonstrations. The blood-forming organs and nervous system including sense organs are included in other courses. Lectures and laboratory. Total 90 hours. Second semester, first medical year.

c. Neurology.—The gross and microscopic anatomy of the nervous system including sense organs. Study is made of the human brain by means of gross dissection, gross and microscopic sections, gross and microscopic study of the eye, and other sense organs by specially prepared demonstrations. Text and lectures aim to integrate the details of laboratory study into functional systems applicable to later physiological and clinical studies. Lectures and laboratory. Total 114 hours. Second semester, first medical year.

4. ANATOMY-ELECTIVES.-

a. Research.—Facilities are available for research on special problems within the field of the department, such work leading to graduate degrees under the rules of the Graduate College of the University.

# DEPARTMENT OF BIOCHEMISTRY

# Professor Morgulis (Chairman), Instructor E. E. Dunn, Graduate Assistant

The aim of the instruction in biochemistry is to acquaint the student with the elementary facts of this science with special reference to their application to the problems of clinical medicine. Much stress is laid on training in the necessary technic and the laboratory work affords the students ample opportunity to learn the theory and practice of various biochemical methods.

To further supplement the elementary instruction advanced courses of study are offered to meet the needs of those who desire to extend their study and research in the application of the principles and methods of biochemistry to problems of both clinical and scientific medicine.

The courses given in the Department of Biochemistry presuppose preparation in inorganic, in organic, and in analytical chemistry, and are designed: (1) to give fundamental training in physiological chemistry as required in the regular curriculum of the medical student; (2) to afford students, not candidates for the degree of Doctor of Medicine, the means for obtaining the necessary credits for the degrees of Master of Arts and Doctor of Philosophy; (3) to extend the facilities of the laboratory for special work in selected topics to physicians and students independently of the requirements for a degree. All students who are candidates for a degree are expected to attend Course 1, unless the content of this course has been covered in an acceptable manner elsewhere.

1. BIOLOGICAL CHEMISTRY.-

a. Physical Chemistry.—In this course various physiological and pathological problems are studied from the point of view of the principles of physical chemistry. Total 84 hours. First semester, second medical year, first six weeks; five lectures and nine hours of laboratory work per week.

b. Biological Chemistry.—Course 1a continued and covers: (a) Descriptive biochemistry, dealing with the composition of biological materials; (b) dynamic biochemistry, dealing with the action of enzymes, metabolism, dietetics, urine secretion. Various methods for blood and urine analysis are taken up in the practical work of this course, and metabolism experiments carried out by the students constitute an important feature of the laboratory experience. Total 154 hours. First semester, second medical year, remaining eleven weeks; five lectures and nine hours of laboratory work per week.

2. BIOLOGICAL CHEMISTRY-ELECTIVES .----

a. Research in Biochemistry.—Subjects for investigation and hours to be arranged individually.

# DEPARTMENT OF CLINICAL RESEARCH

Professor A. D. Dunn<sup>1</sup> (Chairman), Assistant Professor F. L. Dunn (Director of the Laboratory of Medical Research), Instructor

# McCarthy, Graduate Assistants

This department is designed and equipped to carry on the clinical and experimental study of medical and surgical problems.

1. CLINICAL RESEARCH—ELECTIVES.—

d. Graduate Investigation .- Facilities are available for research on special problems within the scope of the department, such work leading to graduate degrees under the rules of the Graduate College of the University.

# DEPARTMENT OF DERMATOLOGY AND SYPHILOLOGY Professor Schalek (Chairman), Assistant Professor Tomlinson, Instructors Wilson, Cameron

A thorough foundation in dermatology and syphilology is laid by lectures, guizzes, and demonstrations. At the University Dispensary the students are brought in personal contact with patients of whom they take entire care under the supervision of the attending physician. A large and carefully selected collection of plates and photographs is available for lantern use.

1. DERMATOLOGY .- Clinical demonstration of patients with the various skin lesions, together with lectures and quizzes upon etiology, pathology, and treatment. One hour weekly. Total 17 hours. Second semester, third medical year.

2. DERMATOLOGY AND SYPHILOLOGY .- Dispensary. Four weekly twohour clinics are held at the University Dispensary. Fourth year students are assigned to these clinics for practical experience in the diagnosis of skin diseases and the treatment of syphilis. Eight hours weekly. Total 40 hours. Both semesters, fourth medical year.

3. DERMATOLOGY AND SYPHILOLOGY-ELECTIVES.-

# DEPARTMENT OF INTERNAL MEDICINE

Professors Emeritus W. O. Bridges, E. L. Bridges, Professor Bliss (Chairman), Associate Professor Allen, Assistant Professors

Conlin, Hall, MacQuiddy, Mason, Moser, Niehaus, Pratt,

Instructors M. C. Andersen, G. N. Best, F. L. Dunn,

Hanisch, Kirk, McCarthy, Moody, Prichard, Rubnitz,

Simmons, C. E. Thompson, C. Q. Thompson, W.

Thompson, Assistant Instructor Frandsen, Clinical Assistants Christlieb, Lewis,

Margolin, Muskin, Nickum,

Redgwick, Rice

1. INTERNAL MEDICINE.—Second medical year.

a. History Taking and Physical Examination .- Examination of the heart and lungs follows closely the methods recommended in circulars 20 and 21, W.D., S.G.O. 1917. The class is divided into sections of not more than twelve and, for practical work, each section is further divided into groups of three. The moving picture, The Diagnosis of Tubercu-

<sup>1</sup> Deceased.

losis, produced by the Instruction Laboratory of the Army Medical School, is shown in this course. One hour lecture, two hours demonstration and practice. Total 51 hours. Second semester.

b. Symptomatology.—Lecture and quiz course. The essential principles of medicine, the physiology and clinical interpretation of some of the more common symptoms. Two hours weekly. Total 34 hours. Second semester.

2. INTERNAL MEDICINE.—Third medical year.

a. Physical Diagnosis.—Class is divided into groups, each with its instructor. The groups are so alternated that every student comes in contact with each instructor. Patients are selected both from the dispensary and the hospital, and an effort is made to follow as closely as possible the lectures in junior medicine. In proper sequence the modifications of physical examinations, essential in pediatrics, are shown. Two-hour clinic. Total 34 hours. First semester.

b. Fundamentals of Medicine.—This course consists of a series of special lectures on important subjects of medicine, combined with small group quiz sections on textbook assignments. One lecture and two quizzes weekly. Total 102 hours. Both semesters.

c. Clinical Clerk.—Assignment to clinical cases in the hospital for complete history, physical examination, laboratory tests, progress notes, and presentation at regular staff rounds and clinics. Two groups of ten students each are assigned to the University Hospital and County Hospital for a period of nine weeks, seven hours weekly. Total 63 hours. Both semesters.

d. Hospital and Dispensary Clinics.—Presentation of selected cases to illustrate diagnosis and treatment. Two hours weekly. Total 68 hours. Both semesters. Optional for second year medical students.

3. INTERNAL MEDICINE.—Fourth medical year.

a. Dispensary.—Regular assignment to dispensary clinic, where senior students are given assignment and responsibility in the diagnosis and treatment of ambulant patients of the type seen in the office. Eight hours weekly. Total 96 hours. Both semesters.

b. Out-Call.—Fourth year students are assigned to answer calls requiring a visit to the homes, when the patients are unable to attend the dispensary. Daily supervision is maintained and home visits are made by the attending staff on all difficult or serious cases. Sixteen hours weekly. Total 128 hours. Both semesters.

c. Hospital Clinic.—Presentation of selected cases from the hospital service. Two hours weekly. Total 68 hours. Both semesters.

d. Therapeutics.—A course in general principles of treatment of disease, demonstration of the clinical use of important drugs, prescription writing, treatment of emergencies of medicine. One hour weekly. Total 34 hours. Both semesters.

e. Tropical Medicine.—Distribution, etiology, diagnosis, and treatment of such tropical diseases as are of practical importance to American physicians. The endemiology and epidemiology of such diseases with the general and special sanitary measures adapted to the prevention, control, and suppression of the same. One hour weekly. Total 17 hours. Second semester.

4. INTERNAL MEDICINE-ELECTIVES.-Fourth medical year.

# DEPARTMENT OF MEDICAL JURISPRUDENCE

#### Mr. Thomas, Mr. Hascall

# 1. MEDICAL JURISPRUDENCE—ELECTIVE.

# DEPARTMENT OF NEURO-PSYCHIATRY

Professor G. A. Young (Chairman), Associate Professor Wigton, Assistant Professor Bennett, Instructor R. H. Young

The course in nervous and mental diseases which extends throughout the third and fourth medical years aims primarily at giving the student the ability to make a comprehensive neurologic or psychiatric examination of any patient. This is held to be of essential importance and implies a working knowledge of the anatomy and physiology of the nervous system and of the symptoms resulting from pathological conditions affecting the principal centers and tracts. Secondarily, through the rich clinical material of the University Hospital and of the psychiatric ward of both the University Hospital and the Douglas County Hospital, it gives ample opportunity for first hand contact with cases illustrative of the chief types of organic and functional nervous diseases and of the psychoses.

1. NEURO-PSYCHIATRY.-Second and third medical years.

a. Psychology.—A course in medical psychology leading directly to psychiatry. One hour weekly. Total 17 hours. Second semester, second medical year.

b. Neurology.—Lectures and quiz-lectures covering methods of case taking, etiology, pathology, symptomatology, and treatment of the organic and functional nervous diseases. Total 17 hours. First semester, third medical year.

c. Psychiatry.—Lectures and quiz-lectures on the psychoses and feeble-minded states; etiology, symptomatology, and treatment. Total 17 hours. Second semester, third medical year.

d. Clinical Clerk.—Cases from the University Hospital and Douglas County Hospital neuro-psychiatric departments are assigned to third year students for complete case study and presentation before clinics. Six hours weekly. Total 24 hours. Both semesters.

2. NEURO-PSYCHIATRY.-Fourth medical year.

a. Hospital Clinic.—Selected cases are presented by students; demonstration of neurologic and psychiatric disease entities; discussion and quizzes on diagnosis and treatment. Two hours weekly. Total 68 hours. Both semesters.

b. Dispensary.—Clinics are held at the Dispensary to which fourth year students are assigned for practical work in the diagnosis and treatment of ambulant patients. A special clinic is held on the sub-normal child. Four hours weekly. Total 16 hours. Both semesters.

3. NEURO-PSYCHIATRY-ELECTIVES.-

# THE UNIVERSITY OF NEBRASKA

# DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

# Professor Pollard (Chairman), Associate Professor Taylor, Assistant Professors Moon, Sage (Secretary), Waters, Instructors Mc-Googan, Stastny, Stearns, Assistant Instructors H. E. Anderson, Hoffman

The instruction in Obstetrics and Gynecology consists largely of practical demonstrations in the University Hospital, the Dispensary, and the Out-Call Service. In these clinics the student is trained in clinical diagnosis and treatment. The University Hospital affords abundant opportunity for the assignment of obstetric cases to members of the third year medical class under direction. The prenatal clinic at the Dispensary provides an excellent opportunity for both third and fourth year students to learn the proper care of the expectant mother. The out-call or home delivery service is limited to fourth year medical students under direct supervision of a member of the obstetric staff. Complete written reports of all cases attended are required, and each student must have a record of twelve cases of confinement before graduation.

1. OBSTETRICS AND GYNECOLOGY .- Second and third medical years.

a. Physiology of Pregnancy.—A study of the anatomy and physiology of the female genital organs in their relation to normal pregnancy, labor, and the puerperium. Physiology and care of the newborn child. Two hours weekly. Total 34 hours. Second semester, second medical year.

b. Pathology of Pregnancy.—Abnormalities and complications of pregnancy, labor, puerperium, and the newborn child. Two hours weekly. Total 68 hours. Both semesters, third medical year.

c. Clinical Clerk.—A third year student is assigned to each obstetric case entering the University Hospital and is required to follow the progress of labor, assist at delivery, and maintain a complete record until discharge from the hospital. Six such case records are required. As a correlation of maneuvers observed on actual cases in the delivery rooms, two hours weekly are used in practice on the manikin. Six hours weekly. Total 24 hours. Both semesters, third medical year.

d. Gynecology.—The study of surgical conditions affecting pregnancy and the postpartum period. Lacerations, infections, relaxations, malpositions, and tumors affecting the uterus. One hour weekly, lecture or clinic. Total 34 hours. Both semesters, third medical year.

2. OBSTETRICS AND GYNECOLOGY .- Fourth medical year.

a. Dispensary.—Fourth year students are assigned to the Dispensary prenatal clinic and the gynecology clinic, where they assist in prenatal care and gynecologic examination and treatment. Ten hours weekly. Total 36 hours. Both semesters.

b. Out-Call Deliveries.—Two fourth year students are assigned to each home delivery. Their work is carefully supervised by a member of the staff, and they are assisted in the home by a competent nurse. Each case is carefully followed during the post-natal period and a final report submitted. Six deliveries are required of each student. Approximate total time 24 hours. c. Hospital Clinic.—This course covers pathological conditions arising from or related to the puerperium. Total 34 hours. Both semesters. 3. OBSTETRICS AND GYNECOLOGY—ELECTIVES.—

# DEPARTMENT OF OPHTHALMOLOGY

Associate Professor Stokes (Chairman), Assistant Professors James, Judd. Potter, Instructors Rasgorshek, Steinberg

# 1. OPHTHALMOLOGY.—Third medical year.

a. Medical Ophthalmology.—Didactic lectures in medical ophthalmology, errors of refraction, external and internal ocular diseases illustrated with slides, drawings, etc.; a course designed to meet the needs of students looking forward to general practice. One hour weekly. Total 17 hours. Second semester.

b. Clinical Clerk.

2. OPHTHALMOLOGY.—Fourth medical year.

a. Dispensary.—Students are regularly assigned to the Dispensary Clinic for practical experience in the diagnosis and treatment of eye conditions. Eight hours weekly. Total 32 hours. Both semesters.

3. Ophthalmology-Electives.-

# DEPARTMENT OF ORTHOPAEDIC SURGERY

Professor Emeritus Lord, Professor Schrock (Chairman), Assistant Professor Johnson, Clinical Assistant Tipton

1. ORTHOPAEDIC SURGERY.—Third medical year.

a. Lecture Clinic.—Disease of bones and joints, synovial membranes and bursae. Congenital, acquired, and disease producing deformities. Prevention of deformities and dystrophies with principles of treatment. Illustrated by photographs, slides, etc. One hour weekly. Total 17 hours. Second semester.

b. Clinical Clerk.—Students are assigned to hospital cases for complete history, physical examinations, and progress notes. Total 9 hours. Both semesters.

2. ORTHOPAEDIC SURGERY.-Fourth medical year.

a. Dispensary.—Two weekly two-hour clinics are held at the Dispensary, to which fourth year students are assigned for practical work in the diagnosis and treatment of orthopaedic cases. Four hours weekly. Total 8 hours. Both semesters.

3. ORTHOPAEDIC SURGERY-ELECTIVES.-

# DEPARTMENT OF OTORHINOLARYNGOLOGY

Professor Wherry (Chairman), Associate Professors Knode, Potts, Rubendall, Assistant Professor Califas, Instructors Cassidy,

J. C. Davis, Faier, Haney, Romonek

# 1. OTORHINOLARYNGOLOGY .- Third medical year.

a. Diseases of Ear, Nose, Throat, and Larynx.—Use of head mirror taught in normal conditions. Student familiarized with different appearances of ear drum and conditions underlying them. Common diseases of ear and mastoid. Principles of functional examination of ear. Physiology, general principles of pathology, diagnosis, and treatment of the more frequent diseases of the nose, throat, and larynx. Two hours weekly. Total 34 hours. Second semester.

b. Clinical Clerk.—Third year students are assigned to University Hospital cases for complete history, physical examinations, and progress notes. Total 6 hours. Both semesters.

2. OTORHINOLARYNGOLOGY.—Fourth medical year.

a. Dispensary.—Clinics are held three times weekly at the University Dispensary. Fourth year students are regularly assigned for practical work in the diagnosis and treatment of ear, nose, and throat diseases. Conferences are held regularly during these hours. Six hours weekly. Total 24 hours. Both semesters.

3. Otorhinolaryngology-Electives.-

# DEPARTMENT OF PATHOLOGY AND BACTERIOLOGY

Professors Eggers (Chairman), Myers, Associate Professor Weinberg, Assistant Professors Tollman, Wyandt, Instructor Bancroft,

Graduate Assistants

1. BACTERIOLOGY .---

a. Medical Bacteriology.—A lecture and laboratory course on the cultural characteristics, pathogenic properties, etc., of bacteria in general, with special reference to those of importance in disease. Total 160 hours. First semester, first medical year.

b. Immunology.—Course 1a continued. Lecture and laboratory course on the principles of infection and immunity. Total 51 hours. First semester, second medical year.

2. GENERAL PATHOLOGY.—A lecture and laboratory course on the study of general disease processes. It comprises a study of the general principles of pathology; a study of disease processes in detail, in classroom and laboratory. 136 hours laboratory, 85 hours class work. Total 221 hours. Second semester, second medical year.

3. CLINICAL PATHOLOGY .---

b. Clinical Pathology.—A study of systemic disease, with emphasis on correlation of pathology and symptoms. The case history method is used, with presentation of gross and microscopic pathology. Nine hours weekly: 51 hours lecture, 102 hours laboratory. Total 153 hours. First semester, third medical year.

c. Hospital Laboratory.—Regular assignment on clinical clerk service for practical work in laboratory diagnostic tests under supervision. Eight hours weekly. Total 32 hours. Both semesters, third medical year.

d. Necropsies.—Each fourth year student is required to attend twenty necropsies during the year. Total 20 hours. Both semesters, fourth medical year.

4. PUBLIC HEALTH.—Third and fourth medical years.

a. Hygiene.—The relationship between water, food, air, soil, waste disposal, etc., and the development of disease; in both urban and rural conditions. Reports of inspection of industrial and public service plants and methods. Total 17 hours. Second semester, third medical year. b. Public Health Administration.—The relationship between the practicing physician and both official and non-official health agencies in hospital and home practice. The preparation of social histories. The relationship of environmental conditions to disease and therapeusis. Special methods of preventive medicine as quarantine, immunization, and disinfection. Two hours weekly. Total 34 hours. First semester, fourth medical year.

5. PATHOLOGY AND BACTERIOLOGY-ELECTIVE.

b. Research.—Work for specially qualified students, either in advanced laboratory procedures or in special problems.

# DEPARTMENT OF PEDIATRICS

Professor Hamilton (Chairman), Associate Professor Moore, Assistant Professor Eldredge, Instructors E. W. Bantin, Henske, Jahr

(Secretary), Robertson, Clinical Assistants C. F. Bantin,

Clark, Weigand

1. PEDIATRICS.—Second and third medical years.

a. Diseases of Newborn.—Growth, development, and diseases of newborn. Lectures and clinics. One hour weekly. Total 17 hours. Second semester, second medical year.

b. Infant Feeding.—A study of nutrition and diseases of metabolism in the infant, with special reference to infant feeding. Two hours weekly. Total 34 hours. First semester, third medical year.

c. Communicable Diseases.—Lectures and quizzes on the communicable diseases with special clinics when cases are available for demonstration. One hour weekly. Total 17 hours. Second semester, third medical year.

d. Clinical Clerk.—Students are assigned to University Hospital cases for complete history, physical and laboratory examinations, with requirement of progress notes and presentation at staff rounds and clinics. Six hours weekly. Total 24 hours. Both semesters, third medical year.

2. PEDIATRICS—DISPENSARY.—Four weekly two-hour clinics are held at the Dispensary to which fourth year students are assigned for practical work in the diagnosis and treatment of ambulant cases. All children enter the Dispensary through the pediatric clinics. Special clinics are held each week with post-natal, pre-school, and heart patients. Ten hours weekly. Total 40 hours. Both semesters, fourth medical year.

3. PEDIATRICS-ELECTIVES.-

# DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY

Professors Guenther (Chairman), McIntyre, Instructor M. C. Andersen, Graduate Assistants

The courses in Physiology and Pharmacology consist of a study of vital phenomena presented with special reference to the requirements of medical students. The general aim in imparting information is to train the student in the use of a careful technic and in supplying an intimate knowledge of physiological and pharmacological processes to serve as a rational basis for more advanced medical courses. 1. PHYSIOLOGY AND PHARMACOLOGY.-Second medical year.

a. Physiology General Course.—Lectures, conferences, quizzes, and demonstrations. Total 85 hours. First semester.

b. Physiology Laboratory Course.—Must accompany Course 1a. Experimentations. Total 153 hours. First semester.

c. Pharmacology Course.—Consists of the physiological analysis of the important drugs and their practical application to therapeutics. Instruction is given in the writing of prescriptions and in the more important principles of pharmacy. Lectures and recitations five hours a week. Total 85 hours. Second semester.

d. This course supplements 1c and must accompany it. Instruction is given on the experimentation with drugs upon animals and the investigation of drugs for therapeutic use. Laboratory 6 hours. Total 68 hours. Second semester.

2. Physiology and Pharmacology-Electives.-

a. Research.—Physiology and pharmacology of special interest leading to research. Arranged as to content and time by consultation with the chairman of the department. Designed for candidates for advanced degrees, for practitioners, and for special students.

## DEPARTMENT OF RADIOLOGY AND PHYSICAL THERAPY

## Assistant Professor Hunt (Chairman), Instructor McAvin, Resident Heitzman

The Department of Radiology and Physical Therapy occupies the ground floor of the south wing of the new unit of the hospital. It is planned to supply ample instruction to the student in the principles of Radiology, the use of radiant energy in the form of the Roentgen rays, radium, and ultra-violet radiation, the application of endothermy (diathermia), the low voltage electrical currents, and therapeutic exercise.

The required course (1) will consist of formal lectures illustrated by lantern slides, radiographs, and clinical demonstrations of patients in the hospital. This is given during the third year so that the student may gain a working knowledge of the elementary principles of interpretation and the application of physical agents in therapeusis at the time that he enters upon his duties as a clinical clerk.

Elective courses are offered to senior students and graduates covering advanced work in Radiology and physical therapy.

1. RADIOLOGY AND PHYSICAL THERAPY.-Third medical year.

a. Principles of Radiology and Physical Therapy.—Lectures and demonstrations. One hour weekly. Total 17 hours. First semester.

b. Principles of Radiology and Physical Therapy.—Course 1a continued. Total 17 hours. Second semester.

2. RADIOLOGY AND PHYSICAL THERAPY-ELECTIVES.-

3. RADIOLOGY AND PHYSICAL THERAPY FOR TECHNICIANS.—For nonmedical students desiring to qualify as technicians. Hours subject to special arrangement. Admission by special arrangement with Chairman of department.

## DEPARTMENT OF SURGERY

## Professor Emeritus Jonas, Professors Keegan (Chairman, in charge of Neurological Surgery), Kennedy, Shearer, Summers, Associate Professors Brown, Roeder, Assistant Professors Johnson, Nilsson, Rich, Waters, Instructors R. R. Best, Bisgard, H. H. Davis, Grodinsky, McAvin, Miller, Murray, Quigley, Weinberg, Clinical Assistants Gurney, Ralston

The courses in surgery aim to give the student a thorough understanding of the principles of surgical pathology, surgical diagnosis, surgical indications and treatment, and do not attempt, in the undergraduate courses, instruction in major surgical operative technic. Minor surgical technic is taught in the clinical clerk service and dispensary, including numerous practical exercises in surgical asepsis. It is intended that the intern service prepare the student to perform such operations as would come to the practitioner as emergencies or in the course of general work. Preparation for the practice of general surgery requires additional post-graduate work as a resident or assistant in surgery.

1. SURGERY.—Third medical year.

a. Fundaméntals of Surgery.—A series of special lectures on important subjects of surgery, supplementary to the text. One hour weekly. Total 68 hours. Both semesters. Surgical quiz, one hour weekly, both semesters.

b. Clinical Clerk.—Students are assigned to University Hospital cases for complete history, physical and laboratory examinations, with requirement of progress notes and presentation at staff rounds and clinics. Six hours weekly. Total 24 hours. Both semesters.

c. Clinics.—University Hospital and Dispensary. Presentation of selected cases to illustrate surgical diagnosis and operative indications. Practical experience in anesthesia and surgical asepsis. Two hours weekly. Total 68 hours. Both semesters.

d. Surgical Technic.—Bandaging, dressings, drains, sutures, closure of wounds. Local anesthesia. Total 17 hours. Second semester.

2. SURGERY.—Fourth medical year.

a. Dispensary.—Regular assignment to dispensary clinics where students are given practical experience in the diagnosis and treatment of ambulant patients. Eight hours weekly. Total 32 hours. Both semesters.

b. Hospital Clinic.—Presentation of selected hospital cases to illustrate surgical diagnosis, operative indications, and post-operative care. Two hours weekly. Total 68 hours. Both semesters.

c. Clinical Anatomy.—Clinical aspects of regional and systemic anatomy by means of lantern slides and lectures. One hour weekly. Total 17 hours. First semester.

d. Fractures and Dislocations.—A lecture, quiz, and demonstration course on fractures and dislocations. X-ray diagnosis with application of splints and casts. One hour weekly. Total 34 hours. Both semesters.

3. SURGERY—ELECTIVES.—

## DEPARTMENT OF UROLOGY

Professor Edwin Davis (Chairman), Assistant Professor Owens, Instructor Martin

1. UROLOGY.—Third medical year.

a. Fundamentals of Urology.—Lectures and clinics on diseases of the urogenital system. One hour weekly. Total 17 hours. Second semester.

b. Clinical Clerk.—Students are assigned to University Hospital cases for complete case study. Total 6 hours. Both semesters.

2. UROLOGY.—Fourth medical year.

a. Dispensary.—Two evening clinics are held each week to which students are assigned for practical experience in the diagnosis and treatment of urogenital diseases. Four hours weekly. Total 12 hours. Both semesters.

3. UROLOGY-ELECTIVES.-

# INTERNSHIP APPOINTMENTS-1933 SENIORS

Name	Home Address
Andersen, Raymond Robert, B.Sc. in Med. 1931	Omaha
Immanuel Hospital, Omaha Baker Milan Daniel B.Sc. 1933	Nonfolk
Temple University Hospital, Philadelphia, Pa. Baker, Paul Quinn, B.Sc. in Med. 1930 University of Nebraska College of Medicine Hospital, On Baker William Voung, B.Sc. in Med. 1932	Omaha
University of Nebraska College of Medicine Hospital, On	naha
Baker, William Young, B.Sc. in Med. 1932 Harborview Hospital, Seattle, Washington Beber, Meyer, B.Sc. 1920; Ph.D. 1925	
Beber, Meyer, B.Sc. 1920; Ph.D. 1925. St. Elizabeth's Hospital, Washington, D. C.	Omaha
Benbrook, Samuel Parker, B.Sc. in Med. 1933 California Hospital Los Angeles Calif	Lincoln
St. Bizabeth's Hospital, Washington, D. C. St. Elizabeth's Hospital, Washington, D. C. Benbrook, Samuel Parker, B.Sc. in Med. 1933 California Hospital, Los Angeles, Calif. Bigger, Ralph Wendell, B.A. 1930 University of Nebraska College of Medicine Hospital, On Black, Howard John, B.A. 1928; B.Sc. in Med. 1931 Southern Pacific Hospital Son Francisco. Calif.	Lincoln
Black, Howard John, B.A. 1928; E.Sc. in Med. 1931	Maryville, Tenn.
Casebeer Harvey Lee B.Sc in Med 1931	York
State University Hospital, Oklahoma City, Okla. Chaloupka, Howard Michael, B.Sc. in Med. 1931 Ancker Hospital, St. Paul, Minn. Clements, John Harold, B.Sc. in Bus. Ad 1926	Omaha
Ancker Hospital, St. Paul, Minn.	171
Clements, John Harold, B.Sc. in Bus, Ad. 1926 Methodist Hospital, Omaha Coates, Elmer Theodore, B.A. 1931	Elmwood
Coates, Elmer Theodore, B.A. 1931. St. Margaret's Memorial Hospital, Pittsburgh, Pa.	North Platte
Cone, Carl Burton, B.Sc. in Med. 1932	Lincoln
Good Samaritan Hospital, Portland, Ore. Cowen, Joseph Merle	Stratton
Jennie Edmundson Hospital, Council Bluffs, Ia. Davis, Edward Valentine	Albian
Omaha Douglas County Hospital, Omaha Duey, Harold Albert, B.Sc. in Med. 1931	Aibion
Duey, Harold Albert, B.Sc. in Med. 1931 University of Nebraska College of Medicine Hospital, Om	Lincoln
Ellis Cohurn Hudson B.Sc in Med 1931	Omeha
Ahwahnee Sanitarium, Ahwahnee, Calif. Fechner, Albert Herman, B.Sc. in Med. 1931 Bryan Memorial Hospital, Lincoln Feind, Earl Everett	Stanton
Feind, Earl Everett	Hazel, S. D.
Missouri Pacific Hospital, Little Rock, Ark. Garrison, Everett Jesse, B.A. 1918 Bell Memorial Hospital, Kansas City, Kans.	Lincoln
Gilliland, Frank Ira	Ponca
Gilliland, Frank Ira Long Island College Hospital, Brooklyn, N. Y. Grace, Kenneth Dell	Omaha
Grady Memorial Hospital, Atlanta, Georgia Greene, Arthur Morton, B.Sc. in Med. 1931	Omehe
Michael Reese Hospital, Chicago, Ill. Hager, Chauncey Alexander, B.A. 1931; B.Sc. in Med. 1932	Omana
Hager, Chauncey Alexander, B.A. 1931; B.Sc. in Med. 1932 St. Francis Hospital, Jersey City, N. J.	Ord
Haller, Austin Preble, B.Sc. in Med. 1932	Blair
St. Francis Hospital, Jersey City, N. J. Haller, Austin Preble, B.Sc. in Med. 1932 Bethany Methodist Hospital. Kansas City, Kans. Haller, William Morgan, Jr., B.Sc. in Med. 1932	Blair
Hawkins, Orlando Jacob, B.Sc. in Med. 1931	cDonald Kans
Emanuel Hospital, Portland, Ore. Heald, John Orland, B.Sc. 1931. West Suburban Hospital, Oak Park, Ill.	Tin tole
West Suburban Hospital, Oak Park, Ill.	Dincom
Heine, Lyman Howard, B.A. 1932 Akron City Hospital, Akron, Ohio Hrdlicka, George Richard, B.Sc. 1931	Fremont
Hrdlicka, George Richard, B.Sc. 1931 Jennie Edmundson Hospital, Council Bluffs, Ia	Omaha
Jennie Edmundson Hospital, Council Bluffs, Ia. Hubner, Roland Forrest, B.Sc. 1931	Avon, S. D.
Ancker Hospital, St. Paul, Minn. Huntley, Leslie Loran, B.A. 1929; B.Sc. in Med. 1931	Sutton
Methodist Hospital, Omaha Jakeman, Harry Anderson, B.Sc. in Med. 1931	Wahoo
University of Nebraska College of Medicine Hospital, On Jensen, Marshall Nelson, B.Sc. in Med. 1931	19h9
Parkland Hospital, Dallas, Tex.	
University of Nebraska College of Medicine Hospital Om-	Peru 1ha
Johnson, Harald Norlin, B.Sc. in Med. 1930; M.A. 1932 Peter Bent Brigham Hospital, Boston, Mass.	Omaha
recer bent brigham mospital, boston, Mass.	

Name	Home Address
Kahn, Edwin Myron, B.Sc. in Med. 1931	Omaha
Kahn, Edwin Myron, B.Sc. in Med. 1931 St. Louis City Hospital, St. Louis, Mo. King, Boyd G., B.Sc. 1932 Lakeside Memorial Hospital, Cleveland, Ohio Kirk, Bonald Ficher, P.Sc. in Med. 1921	York
Mercy Hospital, Denver, Colorado Krause, Richard Alfred, B.A. 1929	West Point
Krotcher, Lester Clayton, B.A. 1927; B.Sc. in Med. 1932. Emanuel Hospital, Portland, Ore.	Wayne
<ul> <li>Krause, Richard Afried, B.A. 1929</li> <li>St. Francis Hospital, Evanston, Ill.</li> <li>Krotcher, Lester Clayton, B.A. 1927; B.Sc. in Med. 1932</li> <li>Emanuel Hospital, Portland, Ore.</li> <li>Lawrence, Joseph Calvin, B.Sc. in Med. 1930: M.A. 1932</li> <li>University of Nebraska College of Medicine Hospital, Or</li> <li>Loder, Leonel Lewis, B.A. 1929; B.Sc. in Med. 1931</li> <li>University of Nebraska College of Medicine Hospital, Or</li> <li>Lupners Albert Frenklin</li> </ul>	Omaha maha
Loder, Leonel Lewis, B.A. 1929; B.Sc. in Med. 1931. University of Nebraska College of Medicine Hospital, Or	maha. Waverly
Luppens, Albert Franklin. Trinity Lutheran Hospital, Kansas City, Mo. McCarthy, John Joseph, B.Sc. in Med. 1932.	ansas ony, mo.
St. Paul's Hospital, Dallas, Tex. McClatchey, Warren Samuel, B.Sc. in Med. 1931	
Mercy Hospital, Cedar Rapids, Ia. McConnell, Pauline Rebecca, B.Sc. 1931	Sutherland
Los Angeles County General Hospital, Los Angeles, Ca	lif.
Meeske, Frederick Lloyd, B.Sc. 1931 Clarkson Hospital, Omaha Miller, John King, M.A. 1933 Memorial Hospital, New York City, N. Y.	Pawnee City
Pennoyer, Willard Hammond, B.A. 1920	
Ralston, Robert James, B.Sc. in Med. 1931	Holyoke, Colo.
Rehder, Roy Carl, B.A. 1925; B.Sc. in Med. 1981. Columbia Hospital, Milwaukee, Wis.	Grand Island
Reitz, Percy Allison, B.Sc. in Med. 1930; M.A. 1934 Parkland Hospital, Dallas, Tex.	Reserve, Kans.
Reitz, Percy Allison, B.Sc. in Med. 1950; M.A. 1954 Parkland Hospital, Dallas, Tex. Reynolds, Verne Johnson, B.Sc. in Med. 1931 St. Francis Hospital, Jersey City, N. J. Roadruck, Roscoe Davis, B.Sc. in Med. 1981	Omaha
Roadruck, Roscoe Davis, B.Sc. in Med. 1931. St. Luke's Hospital, Denver, Colo. Roberts, Stanley Warner	Omaha
Emanuel Hospital, Portland, Ore.	Omaha
Emanuel Hospital, Portland, Ore. Rogers, Curtis Lovene, B.Sc. 1932 St. Luke's Hospital, Duluth, Minn. Sanders, Theodore Eugene, B.Sc. in Med. 1930	Omaha
Methodist Hospital, Omaha Schultz, Jacob Ferdinand, B.Sc. in Bus. Ad. 1928	Omaha
Sanders, Theodole Fidgene, Dice in Activity Hospital, Omaha Schultz, Jacob Ferdinand, B.Sc. in Bus. Ad. 1928 University Hospital, Iowa City, Ia. Sears, Lucien, B.A. 1929	Manti, Utah
Farview Hospital, Minneapolis, Minn. Shoemaker, Norman Clifford, B.Sc. in Med. 1931.	Omaha
Simecek, Angeline Frances, B.Sc. in H.E. 1925; B.A. 1927	Swanton
<ul> <li>Sears, Lucien, B.A. 1929. Fairview Hospital, Minneapolis, Minn.</li> <li>Shoemaker, Norman Clifford, B.Sc. in Med. 1931.</li> <li>Sibley Memorial Hospital, Washington, D. C.</li> <li>Simecek, Angeline Frances, B.Sc. in H.E. 1925; B.A. 1927.</li> <li>New York Infirmary for Women &amp; Children, New York, City</li> <li>Simecek, Victor Hugo, B.Sc. in Med. 1931.</li> <li>St. Francis Hospital, Jersey City, N. J.</li> <li>Smith, Fay, B.Sc. 1931.</li> <li>University of Nebraska College of Medicine Hospital, O</li> <li>Swanson, Eldon Carl, B.Sc. in Med. 1931.</li> <li>Immanuel Hospital, Omaha</li> </ul>	Swanton
Smith, Fay, B.Sc. 1931 University of Nebraska College of Medicine Hospital, O	Bellwood maha
Swanson, Eldon Carl, B.Sc. in Med. 1931 Immanuel Hospital, Omaha	Omaha
Thomas, Gerald Frederick Swedish Hospital, Seattle, Wash. Toohey, Clarence Joseph, B.Sc. in Med. 1931	Sidney
Ure, William Grant, B.Sc. 1933 University Hospital, Ann Arbor, Mich.	Omaha
Waterman, John Howard, B.Sc. in Med. 1929 Omaha Douglas County Hospital. Omaha	Omaha
Williams, Hugh Herbert, B.A. 1929. Covenant Hospital, Omaha Williams, Martin Palmer, B.Sc. in Bus. Ad. 1928.	Sparta, Wis.
Witte, Charles Norman, B.Sc. 1931 Fitkin Memorial Hospital, Neptune, N. J. Womble, Leigh Hubbard, B.Sc. in Med 1931 University of Nebraska College of Medicine Hospital. On	Omaha
Womple, Leigh Hubbard, D.Sc. II med 1951	

## REGISTER OF STUDENTS 1933-34

## IN OMAHA

#### FOURTH MEDICAL YEAR

Aarni, John Carl .... Lead, S. D. Anderson, Walter Lyman.....Litchfield Azorin, Louis Arthur.....Omaha Baisinger, Leo Fenimore....Elwood Bancroft, Paul Martin....Omaha Benner, Robert Joseph...Omaha Besner, Miriam Crowell....Omaha Best, Robert....Stockville Boomer, Joseph Meredith...Lincoln Booth, Marion Frances...Omaha Bruter, Charles Olin....Lincoln Butler John Milton....Cozad Chapman, John Andrew ..... Lincoln Coe, Howard Malin ...... Omaha Dix, Harold Chester .....Butte Enos, Arthur Axtel......Stanton Enos, Arthur Axtel......Stanton Ferguson, William Cyril....Grand Island Gilpin, Burhl Babbitt......Wilsonville Glood, Dagmar Jorgensen...Viborg, S. D. Graham, Walter Cheney....Dakota City Gunn, Gordon Andrew...Fort Dodge, Ia. Herhahn, Frank Theo......Holbrook Himalstein, Milton Roger.....Omaha Hoevet, Leo Hobson.....Fairfield 

		Forest River,	N. D.
Landis,	Walter	Elam	Seward
Loder.	Kenneth	JoyI	incoln
Loupee.	George	EDowagiac.	Mich.
McClee	ry, Danie	l Pollard	Alma

McConahay, Harold Arthur.....Curtis McMillen, Arch Stinson....Lincoln McNerney, Harry Wayne....Lincoln Magaret, Ernst Carl.....Papillion Martin, Clyde Simpson....Hastings Martin, James Wicher....Omaha Martin, Lester Ivan....Quiney, Ill. Mathis, Glenn Henry.....Toledo, Wash. Mattison, Lawrence Milford....Omaha Morrison, William Howard...Bradshaw Mores Erroll Allen...Omaha Moss, Erroll Allen........Omaha Munsell, John Dwight......Natoma, Kans. Simonds, Francis Lenocker.....Omaha Slaughter, Wayne Benjamin.....Norfolk Thompson, Charles David.....Broken Bow Thompson, Walker......Omaha Thornburgh, Robert Grant......Lincoln Tompkins, Charles Archibald.......Inman Wainwright, Maxwell Theodore.....Omaha 

McConahay, Harold Arthur ...... Curtis

#### THIRD MEDICAL YEAR

Ackerman, Frederick First
Adams, Blair StoneOmaha
Adams, Carroll Omar Omaha
Adams, Donald Roy
Anderson, Paul EmanuelOmaha
Ball, Wilbur GuyOmaha
Barber, Leonard HobbsOmaha
Beck, Fred White Cheyenne, Wyo.
Behr, Orlo KeelyOmaha
Bertoncelj, Frank Jerry Boulder, Wyo.
Birge, Richard FullerOmaha
Brainard, Hollis Harrison Cedar Bluffs
Campbell, Donald Clarence Columbus
Cannon, Porter Shelby Lincoln
Christensen, Julius Byron Fremont
Cohen, Louis AllenOmaha
Darrah, John RussellOmaha
Day, Robert FosterOmaha
Dickson, Douglas Dewight
Drewelow, Kenneth Richard Stanton
Ekstrom, Dorothy Evelyn Omaha

Everett, Clyde WilmerOmaha
Ewing, Eugene GrahamLincoln
Feldmayer, James Edward St. Michael
Francis, Norton LewisBancroft
Gallup, Palmer RogerOmaha
Goldner, Julius Charles Omaha
Goldner, Meyer Zachary
Granden, Howard WilburOmaha
Gwinn, Frank WilsonFalls City
Harris, Donald MacraeOmaha
Harris, Maxwell JosephOmaha
Harvey, Bernard Joy
Hayes, Paul Wesley Forest City, Mo.
Hewit, Linus Worth Friend
Hoefer, Harold Francis Friend
Huber, Paul James Lincoln
Hutchinson, Glenn Dale
Jacobs, Julian Erich Staplehurst
Johnson, Marvin AnthonOmaha
Kahl, John AddisonMcCook
Klok, George John Omaha

 Sandritter, Gilbert Lee.....Beatrice Smith, Norvin Richard.....Big Springs Spieler, Forrest Benjamin....Lincoln Steward, Joseph Byron....Tilden Streitwieser, Robert John...Omaha Temple, Harold Leslie....Omaha Thompson, Lloyd Leslie....West Point Threadgill, Frank Wilson...Omaha Tilden, Irvin Leroy......Blair Tollefsen, Harry Randall...Kearney Tracewell, George Logan...Valentine Travnicek, Frank George...Omaha Waterman, David Harney...Omaha Wherry, Walter Joseph...Omaha Whiston, Gordon Charles...Omaha Wigton, Robert Spencer...Omaha

#### SECOND MEDICAL YEAR

Alliband, George Thomas Atlantic, Ia.
Anderson, Lawrence LloydOmaha
Anderson, Martin FrederickOmaha
Anderson, Martin Frederick
Armitage, George IvanOmaha
Bailey, James EdwardOverton Bena, James HarryOmaha
Bena, James Harry
Byron, Francis RandolphOmaha
Cameron, Dale CorbinBennet
Campbell, Darrell ArthurStamford
Carle, Donald EdgarLincoln
Charlton, George PaulNorfolk
Cheff Donald Walker
Coe. Max Charles
Condon, Albert Paul
Davis, James ZimmiriLincoln
Dowling, Urban JamesOmaha
Faier, Herman IrwinOmaha
Fitzgerald, Richard PaulImperial
Frazer, Maurice DoyleUtica
Frazer, Maurice DoyleUtica Frazier, Harry OrwinOmaha
Gamble Shelby Garrett
Glazier, McCleeryBroken Bow
Goehring, Walter ErnstRavenna
Green, Chester FloydHixton, Wis.
Grimm Benjamin Haves Gering
Hanson, Frederick RaymondOmaha Hanson, Frederick RaymondOmaha
Hanson, Frederick RaymondOmaha
Hasselblad, Oliver WilliamOmaha
Henderson, John WarrenOmaha
Hildebrand, Alice GraceOmaha
Hills Delmore HenryOmaha
Karrer, Robert Eugene
Kastl, Karl George
Keettel, William Charles Lyons
Kiesselbach, Max RudolphLincoln
Kiltz Richard Clyde Chambers
Kohtz, Reinhold Henry
Koser, Don ClareOmaha
Kuper, Herbert DietrichNelson
Livingston, Robert Ramsay Plattsmouth

Lund, Leonard CharlesOmaha
Lutgen, Joe Greer
Lutgen, Joe Greer
McMillan John Gavin Omaha
McMillan, John GavinOmaha McMillan, George SherillThedford
Maire, Eugene JosephOmaha
Mays, Wesley LongLincoln
Millett, Clinton Charles
Millett, Clinton Charles
Milligan, John OgdenScribner Mitchell, Howard EugeneSo. Sioux City
Mitchell, Howard EugeneSo. Sloux City
Mollring, Grant Fletcher
Moore, Ralph CoryOmaha
Moore, Ralph CoryOmaha Morris, George WilliamNewman Grove
Morrison, Frank AndrewBradshaw
Mousel, Claude Michael Cambridge
Munger Horace Varnum Lincoln
Pepper, Maurice LewisOmaha Porter, Richard CarnySeward
Porter Bichard Carny Seward
Powell, Archie CampbellOmaha
Reuben, Ruth AliceOmaha
Robinson, Robert Walker
Sampson, James WRock Springs, Wyo.
Schall, Wayne Julius
Schall, wayne Julius
Shearburn, Edwin WebsterFairbury
Shoecraft, Warren AudreyOmaha
Slaughter, Earl CharlesNorfolk
Still, Joe WilliamLincoln
Sturdevant, Charles LyonLincoln
Slaughter, Earl Charles Norfolk Still, Joe William Lincoln Sturdevant, Charles Lyon Lincoln Tepley, Gene Lumir. Clarkson
Thomas Lowell Irving
Tinley Robert ECouncil Bluffs, Ia.
Unidel Frank Arthur Trenton
Waters, Chester Hill JrOmaha
Weare John Henry Stamford
Weinborg Harry Bernard Omaha
Weinberg, Harry BernardOmaha Williams, Russell IrenusEnders
Williams, Russell Hellus
Young, George Alexander, JrOmaha Zeman, Edward WilliamScribner
Zeman, Edward williamScribher
Zink, Wiley CarlOmaha

#### FIRST MEDICAL YEAR

Alden, Warren Harrison.....Grand Island Allen, Roy Johnson.....Jesup, Ia. Almer, Lennart Emmanuel...Omaha Altschuler, Max Gordon....Omaha Andruss, Edward Allison....Holden, Mo. Armitage, Horace Gregg....Kearney Askwig, LeRoy Charles.....Bancroft Augustine, Robert W...Council Bluffs, Ia. Baisinger, Cecil Francis.....Elwood Beaghler, Harry Edward.....Hastings Booth, Frank Ora......Sunrise, Wyo. Bortfeld, Charles Frederick......Alma

Boyer, Richard Coar	Omaha
Brinegar, Willard Clouse	Normal, Ill.
Brock, Elmer Henry	Omaha
Brown, Carroll Adkins	Norfolk
Brown, James Matthews	Omaha
Buhl, Clayton Edwin	Fremont
Buig Lester James	Pender
Burke, William Martin	Elkhorn
Campbell, Louis Scott	Mitchell
Cash, George Colling	Omaha
Chandler, Willard Joseph	Steinauer
Chatfield, Raymond Cornell	Scottsbluff

Colbert, Morgan Russell	Lincoln
Coleman, William Richard Conti, Fred Albert	Mitchell
Conti Fred Albert	Omaha
Davie James Allan	Omaha
Davis, James Allan. Dornberger, Raymond George.	Omaha
Dressler, John Barnes	Omehe
Dunlap, Richard Leonidas	Omeha
Dunn, Percy Adrian	Omehe
Eggers, Harold Everett	Omaha
Enos, Russell William	
Enos, Russell William	Kearney
Evans, Edward Benjamin	Omana
Farris, Jack Matthews	Fremont
Finlayson, Alister Ian	Omana
Flaherty, James Vincent	Lincoln
Fletcher, Arch Carroll	Orchard
Gerin, Edward Thomas Graves, Harold Buffington	Omaha
Graves, Harold Buffington	Omaha
Gray, Richard Walter	Upland
Hamer, John Dayton	Kearney
Heath, Richard SInglew	ood, Calif.
Heath, Richard SInglew Holmes, William Esburn	Taylor
Horwich, Joe Maurice	Omaha
Hubbard, Harry Burt	O'Neill
Ingham, Charles Gregory	Wayne
Janecek, Eddie William	Omaha
Johnson, Howard Arthur	Omaha
Kautz, Harold Douthitt	Ponca
Kennedy, John Charles	
Kerbel, Adolphe Joseph	Omaha
Killins, Jack AdrianCouncil	Bluffs, Ia.
Kos Clair Michael	Lincoln
Krahl, John Bell	David City
Kroger, Orville CharlesGr	and Island
Leeder, Lewis Christian	Omaha
Lebuhoff Henry John	Lincoln
Lehnhoff, Henry John LeVine, Robert William	McCook
Levinson, Harry John	Omeha
McDonough, Joseph Francis	Omaha
Macumber, Harold Haze	
Malony, William Robert	
Maiony, william Robert	oorumbus

Martinson, Lee Fred	Harlan, Ia.
Marx, Paul Donald	Lincoln
Modlin, Herbert Charles	Omaha
Myers, Henry Day	Howells
Nelson, Lawrence Meier	Omaha
Norquist, Donald McColl	Omaha
Osheroff William	Omaha
Osheroff, William. Panzer, Harold Jay	Lincoln
Patton, John Erwin	Omaha
Perlis, Aaron Edward	Omaha
Pinne, George Francis	Omaha
Plechas, Nicholas Peter	
Pope, Lester Junior	
Potter, William Bentley	Lincoln
Pugsley, George William	Boyord
Reeder, Robert Chace	Fromont
Rembolt, Raymond Ralph	Lincoln
Resnick, William Jay	Omoho
Richardson, Stanley Mortimer	Omaha
Richardson, Stanley Mortime	Tumbull
Rigg, Robert Roland Rose, Anthony TNew York	City N V
Rosenbladt, William Joseph	Only, N. 1.
Rosenbladt, william Joseph	Omaha
Ross, Ernest Rossmiller, Harold Richard	Desklar
Rossmiller, Harold Richard.	Desnier
Salsburg, Herbert Eugene	Omana
Saylor, Louis Franklin	Omana
Schmela, Woodrow Warner	Omana
Schow, Floyd Wayne	Rupert, Ida.
Sheldon, Raymond Charles	
Shurtleff, Marcellus Clay	
Sigafoos, Rolland Bernard	Omana
Slaughter, Guy Stanley, Cleon Emerson Struve, Edgar Elmer	Nortolk
Stanley, Cleon Emerson	Omana
Struve, Edgar Elmer	Deshler
Thompson, Dorothy Helen	Omaha
Vroman, Donald Clay	
Walker, Glenn Harvey	Omaha
Williams, Robert Edward Wilson, William Hildebrand	Fremont
Wilson, William Hildebrand	Lincoln
Winship, Theodore O	

### GRADUATE STUDENTS

Crook, Glen DelroyLincoln Friedman, Alvin HarryOmaha Inda, Frank AnthonyOmaha LeMar, John DeweyOmaha	Marrs, Walford DanielOmaha Reitz, Percy AllisonDallas, Tex. Spencer, Howard COmaha
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# REGISTER OF STUDENTS 1933-34

## IN LINCOLN

## SECOND PRE-MEDICAL YEAR

Beaty, James ELincoln	Carr, Rex NLincoln
Beaver, Chester M	Cedarblade, Vincent GLoomis
Beckwith, Harry SBeatrice	Chase Bonald C Fairbury
Deckwith, harry S	Chase, Ronald CFairbury Christensen, Wm. HLincoln
Bender, Gretchen LSutton	Christensen, win. II
Bilby, Robert W	Cimfel, Adolph BClarkson
Bitner, Chris ULincoln	Claflin, Corinne I Lincoln
Bitner, Chris ULincoln Blair, James BBroken Bow	Cockburn, Richard W Lincoln
Blair, Ralph LBroken Bow	Colyer, Lewis A
Blanchard, David S Lincoln	Copsey, Lynn ELincoln
Blunt, Donald F Fremont	Crossett, Russell DLincoln
Bolshaw, John S Lincoln	Cullen, Richard CLincoln
Bonniwell, Chas. MLincoln	Davies, Louis TLincoln
Bornemeier, Russell WAlvo	De Long, ElizabethOmaha
Brannen, Fred LGreeley	De Long, Henry LOmaha
Brewster, Don EHoldrege	Donley, R. HaroldLincoln
Brott, Clarence RJansen	Easley, John HLincoln Emmert, MaxOmaha
Bruning, Earl F	Emmert, MaxOmaha
Bucholz, Donald Lincoln	Eyen, Michael JLincoln
Burke, James EImperial	Farnsworth, Wm. KGrand Island
Burr, Neil MGuide Rock	Feusner, Henry DHuntley
Candib, WilliamNew York, N. Y.	Findley, U. WallaceGraham, Mo.
Cannon, Edward MLincoln	Gacusana, Mariano MLincoln

25020-0121 // CAA 7127 2400	
Gilbert, Paul T	Lincoln
Gilmore, John E	Mannor
Giimore, Join E	Wiullay
Glock, Marvin D	San Jose, Ill.
Goldberg, Samuel ABr	ooklyn N V
Goluberg, Balluer A	OURINI, IL. I.
Grabow, Henry Chris	Lincoln
Hackman Ray C	Lincoln
Hackman, Ray C Halderson, Llewellyn DN	G
Halderson, Llewellyn DN	ewman Grove
Harris James C	Lincoln
Harris, James C Harvey, Glen W	Enoment
narvey, Gien w	Fremont
Hazard, David C	Lincoln
Heilman, Robert Max	West Point
itenman, itobert max	West I ont
Herpolsheimer, Henry H	Lincoln
Heywood Leo	Scribner
Heywood, Leo Hoekstra, Clarence S	Waad Dimm
noekstra, Glarence S	wood River
Holoubek, Joe E	Clarkson
Hulbert, Eugene FGo Hunt, Frank WGo	Lincoln
Huibert, Eugene F	
Hunt, Frank WGo	odland, Kans.
Ivans, John C Jenkins, John M	Crawford
T 1' T T N	Omerka
Jenkins, John M	Omana
Jenkins, Myron B	Lincoln
Johnson, Wilbur E	Walantina
Johnson, whour B	valentine
Karrer, Rush W	Benedict
Karrer, Rush W Kee, Kenneth W	Cambridge
TZ 1 TZ 1 TZ	D
Kerber, Karl K	Primrose
Kildebeck, Orvald C Koehne, F. Dee Lindquist, Lyle F Long, Robert S	Hardy
Kochno F Doo	Framont
Koenne, F. Dee	Fremont
Lindquist, Lyle F	Lincoln
Long Robert S	Cowles
	T
Lotman, Harry A Loudon, Deloss E	Lincoln
Loudon, Deloss E	Clarinda, Ia.
Lynn, Vincent S	Ohioma
Lynn, vincent S	Oniowa
Lyon, Clare J	Clinton
Lyon, Clare J Melvin, Florence M	Cedar Ranids
Manager Manager TT	Della
Meyers, Marvin w	Desnier
Meyers, Marvin W Modlin, John James	Beaver City
Molzahn, Albert J	Ponodiat
Molzann, Albert J	
Moravec, Max E Mostofi, Fatollah K' Muller, Richard F	St. Paul
Mostofi Fatollah K	Tahriz Persia
M II D' L I T	T C 11
Muller, Richard F	Nortolk
Munsell, Donald W	Lincoln
Mumby Poymond W	Labanan
Murphy, Raymond W	Lebanon
Munsell, Donald W Murphy, Raymond W Neely, Orvis A	Lincoln
Nichols, Carl P	Ocellele
O'Company Wannath A	Tini
O'Connor, Kenneth A	Lincoln
Oppen, Ralph	Creighton
Petersen, Gudmund E	Friand
Telersen, Guumunu E	rriend
Peterson, Wendell C	

Peterson, Winford Claude
Pizer, Marvin LOmaha
Poppe, John Russell
Rathbun, Sanford McArthurFremont
Rathbun, Sanioru McArthurFremont.
Reed, Delbert
Rider, Harmon ECouncil Bluffs, Ia.
Roach, Robert TLincoln
Reed, Delbert Ansley Rider, Harmon ECouncil Bluffs, Ia. Roach, Robert TLincoln Rosenblatt, PhillipNew York City, N. Y.
Ruzicka, L. Joe
Sallman, Frances GSt. Paul
Schnell, Fred PLincoln
Schock, Robert Harry
Schock, Robert Harry
Schroeder, Judson CLincoln
Scow, Irene VictoriaSt. Paul, Minn. Seng, Willard GLincoln
Seng, Willard GLincoln
Shafer, James K Beaver City
Sharpe, James W
Shurtleff, Donald OLincoln
Skovronek, Irving Brooklyn, N. Y.
Sonderegger, Morris ABeatrice
Spradling, Richard LLincoln
Stappenbeck, Alfred PaulBrock
Stearns, H. IvanBeaver City
Stearns, H. Ivan
Stevens, Robt. AOmaha
Stevenson, Elma RobertaLincoln
Stevenson, Elma RobertaLincoln Stith, Dwight ELincoln
Stone, Vean MColeridge Strough, LaVern CBeatrice Tanner, Frank HLincoln
Strough, LaVern CBeatrice
Tanner, Frank HLincoln
Taylor, Ross VLincoln
Taylor, Ross VLincoln Thompson, Ronald WLincoln Verges, Val CNorfolk
Verges Val C Norfolk
Vieregg, George H Grand Island
Walcott, Cornelia
Ward, William PLincoln
Waru, William I
weaver, Lyman SBroken Bow
Weaver, Lyman SBroken Bow Weber, Clarence RFriend Weeth, Henry OPeetz, Colo.
Weeth, Henry O Peetz, Colo.
Westover, Joe LValentine
Westover, Joe L
Widney, GeoLexington
Widney, GeoLexington Williams, Gordon JLincoln
Wolf Clare C Lincoln
Wyland Hugh C Lincoln
Yang, Gilbert
Yang, Gilbert
Licgerer, enances in ortanician costa

## FIRST PRE-MEDICAL YEAR

Bergen, Syd D Sioux City, Ia.
Blumer, Fred CLincoln
Bopp, James FGreeley
Brendel, Richard FLincoln
Brown, John AWashington, Kans.
Carp, OscarOmaha
Carpenter, Wayne W Beatrice
Cecan, Edward IrvinLincoln
Cerv, Ernest AGregory, S. D.
Clarke, Roger GSeward
Coopersmith, Martin B Milford, Del.
Cope Sterling H Geneva
Curd, ClydeLincoln
Deardorff, Benjamin M
Deitemeyer, Carl W Lincoln
Emerson, Norman RNeligh
Everett, Margery MScottsbluff
Ewing, Ben ELincoln
Farris, James D Fremont
Ford, Eula MGrand Island
Freed, Albert EOmaha
Frey, ClarenceLincoln
Gaughen, James HNorth Bend
Glenn, William VFalls City
Goodale, Alvin ClaudLincoln

Griess, Donald F	Lincoln
Hamilton, William C	Omaha
Heilig, Wm.	Lincoln
Heinke, John P	Nebraska City
Herrmann, Victor A	Osceola
Hillyer, Robt. A	
Jarmin, John E	Lincoln
Johnston Roht	Lincoln
Jones, Galin A	Lincoln
Jones, Robt. G	Bridgeport
Kani, Phil M	Omaha
Kelley, Richard E Kennedy, Vivian L	Omaha
Kennedy, Vivian L	Newman Grove
Kirby Edward W	Lincoln
Krausnick, Keith	Wauneta
Krieg, Jacob T	Torrington, Wyo.
Kushner, Morris	Chicago, Ill.
LaRue, Nancey	Sutherland
Lincoln, Frances E	Lincoln
Logan, Wm. P	Lincoln
Luckey, Clarence A	Columbus
Lutton, Harold James	Ashland
Marron, Alfred K	Brainard
Martin, George M	Wausa
McCarthy, Edward F	Lincoln

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