

1924

## Bulletin of the University of Nebraska: Annual Catalog of the College of Medicine, 1924-1925

University of Nebraska College of Medicine

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BULLETIN  
OF  
THE UNIVERSITY OF NEBRASKA

COLLEGE OF MEDICINE

OMAHA, NEBRASKA



ANNOUNCEMENTS, 1924-25

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PUBLISHED BY THE UNIVERSITY      LINCOLN, NEBRASKA

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Published by the University

April 25, 1924

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# GENERAL CALENDAR 1924

SEPTEMBER							OCTOBER						NOVEMBER						DECEMBER								
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27
28	29	30					26	27	28	29	30	31		23	24	25	26	27	28	29	28	29	30	31			

## 1925

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

1924

Sept. 15-17—Registration, first semester.  
 Nov. 27—Thanksgiving holiday.  
 Dec. 20-Jan. 5—Christmas recess.

1925

Jan. 30-31—Registration, second semester.  
 April 4-9—Spring recess.  
 June 6—Fifty-fourth Annual Commencement.

CALENDAR FOR 1924-25 OF ALL COLLEGES AND SCHOOLS

1924

September 15-17	Monday-Wednesday	Entrance examinations and registration, first semester
September 18	Thursday	First-semester classes begin
September 20	Saturday, 8 p.m.	University reception to all students
September 23	Tuesday, 11 a.m.	Opening address by Chancellor
October 6	Monday	School of Agriculture, first semester begins
October 18	Saturday	First-quarter reports
November 11	Tuesday	Armistice holiday
November 14	Friday	Alpha Omega Alpha address
November 15	Saturday	Mid-semester reports
November 27	Thursday	Thanksgiving holiday
December 13	Saturday	Third-quarter reports
December 20	Saturday, noon	Christmas recess begins

1925

January 5	Monday, 8 a.m.	Christmas recess ends
January 5-10	Monday-Saturday, noon	Registration, second semester, for resident students
January 19	Monday	School of Agriculture, second semester begins
January 26-30	Monday-Friday	First-semester examinations
January 30-31	Friday-Saturday, noon	Registration for new students
February 2	Monday	Second-semester classes begin
February 14	Saturday	Phi Beta Kappa and Sigma Xi address
February 28	Saturday	First-quarter reports
March 28	Saturday	Mid-semester reports
April 4	Saturday, noon	Spring recess begins
April 9	Thursday, 8 a.m.	Spring recess ends
April 17	Friday	School of Agriculture Commencement
April 25	Saturday	Third-quarter reports
May 18-23	Monday-Saturday, noon	Registration for first semester 1925-26
May 28-June 2	Thursday-Tuesday	Second-semester examinations
May 31	Sunday	Baccalaureate Sermon
June 4	Thursday	Teachers College High School Commencement

Commencement Week

June 3-5	Wednesday-Friday	Ivy Day, Alumni Day, Class Day
June 6	Saturday	Fifty-fourth Annual Commencement

Summer Session, 1925

June 5, 6, 8	Friday, Sat., Mon.	Registration, Summer Session
June 9	Tuesday	Summer Session classes begin
July 14, 15	Tuesday, Wednesday	Registration second term
July 15	Wednesday	First term closes
July 16	Thursday	Second term classes begin
August 21	Friday	Summer Session closes

1925-26

September 14	Monday	First semester begins
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## THE BOARD OF REGENTS

Members	Term Expires
FRANK WOODHULL JUDSON, President, Omaha.....	1925
JOHN ROBINSON WEBSTER, Omaha.....	1925
GEORGE N. SEYMOUR, Elgin.....	1927
FRANK J. TAYLOR, St. Paul.....	1927
HARRY DEWITT LANDIS, Seward.....	1929
WILLIAM P. WARNER, Dakota City.....	1929

James Stuart Dales, Recording Secretary.

## COMMITTEES OF THE BOARD OF REGENTS

Executive—Messrs. Judson, Seymour, Taylor.  
 Finance—Messrs. Seymour, Landis, Judson.  
 Property—Messrs. Taylor, Seymour, Webster.  
 Industrial Education—Messrs. Landis, Warner, Judson.  
 Medical Education—Messrs. Webster, Warner, Landis.  
 Organization—Messrs. Warner, Webster, Taylor.

## OFFICERS OF ADMINISTRATION AND INSTRUCTION

## The University

**Samuel Avery**, Ph.D., LL.D., Chancellor of the University. Administration Hall. City Campus.  
**Florence Irwin McGahey**, A.B., Registrar and University Publisher. (*Secretary of the Faculties.*) Administration Hall. City Campus.

## The College

## Irving Samuel Cutter, Dean

**John Franklin Allen**, M.D., Instructor in Medicine.  
 \***William Nance Anderson**, B.Sc., M.D., Assistant Professor of Medicine.  
**Carl Hardin Ballard**, M.D., Assistant Professor of Roentgenology.  
**John Monro Banister**, A.B., M.D., Associate Professor of Tropical Medicine.  
**Elmer William Bantin**, B.Sc., M.D., Clinical Assistant in Pediatrics.  
**Franklin Davis Barker**, Ph.D., Professor of Medical Zoology and Parasitology, Adviser to Pre-Medic Students.

\*Absent on leave for European study.

- Meyer Beber**, B.Sc., Instructor in Biochemistry.
- Abram Elting Bennett**, B.Sc., M.D., Clinical Assistant in Neurology and Psychiatry.
- Clyde Rolland Bennett**, B.Sc., Fellow in Anatomy.
- Melvin William Binger**, B.Sc., Fellow in Physiology and Pharmacology.
- Rodney Waldo Bliss**, B.Sc., M.D., Assistant Professor of Medicine.
- Emelia H. Brandt**, A.B., M.D., Clinical Assistant in Medicine.
- Edson Lowell Bridges**, M.D., Associate Professor of Medicine.
- Willson Orton Bridges**, M.D., Professor Emeritus of Medicine.
- Alfred Jerome Brown**, A.B., M.D., Assistant Professor of Surgery.
- William Frederick Callfas**, C.M., M.D., Instructor in Otolaryngology.
- Waldron A. Cassidy**, A.B., M.D., Clinical Assistant in Laryngology.
- Burton Whitford Christie**, B.Sc., M.D., Assistant Professor of Medicine.
- Frank Matthew Conlin**, M.D., Assistant Professor of Medicine.
- Leroy Crummer**, B.Sc., M.D., Professor of Medicine. (*Chairman of Department.*)
- Lawrence R. Custer**, B.Sc., Fellow in Bacteriology and Pathology.
- Irving Samuel Cutter**, B.Sc., M.D., Professor of Biochemistry. (*Chairman of Department.*)
- \***Albert D. Davis**, B.Sc., D.D.S., M.D., Instructor in Oral Surgery.
- Byron Bennett Davis**, A.B., M.D., Professor of the Principles of Surgery and Clinical Surgery.
- <sup>1</sup>**Delmer L. Davis**, M.D., Instructor in Surgery.
- Edwin Davis**, A.B., M.D., Professor of Urology. (*Chairman of Department.*)
- Herbert H. Davis**, A.B., M.D., Instructor in Surgery.
- John Calvin Davis, Jr.**, A.B., M.D., Clinical Assistant in Laryngology and Rhinology.
- Arthur D. Dunn**, A.B., M.D., Professor of Experimental Medicine, in charge of Clinical Investigation.
- Harold E. Eggers**, A.M., M.D., Professor of Pathology and Bacteriology. (*Chairman of Department.*)
- Nora M. Fairchild**, M.D., Clinical Assistant in Ophthalmology.
- Wallace A. Gerrie**, B.Sc., M.D., Clinical Assistant in Medicine.
- Harold Gifford**, B.Sc., M.D., LL.D., Professor of Ophthalmology. (*Chairman of Department.*)

\*Absent on leave for European study.

<sup>1</sup>Resigned.



- Sanford Robinson Gifford**, A.M., M.D., Instructor in Ophthalmology.
- James Samuel Goetz**, M.D., Assistant Professor of Medicine. (*Chairman of Department of Therapeutics.*)
- Manuel Grodinsky**, B.Sc., M.D., Clinical Assistant in Surgery.
- August Ernest Guenther**, Ph.D., Professor of Physiology and Pharmacology. (*Chairman of Department.*)
- Lynn Thompson Hall**, B.Sc., M.D., Instructor in Medicine.
- Howard Brownlee Hamilton**, A.B., M.D., Assistant Professor of Pediatrics.
- Vincent Charles Hascall**, LL.B., Instructor in Medical Jurisprudence.
- Leland Potts Hawkins**, B.Sc., Fellow in Physiology and Pharmacology.
- Madalene S. Hillis**, Librarian of Medical College Library.
- Charles Aaron Hull**, M.D., Assistant Professor of Surgery.
- John C. Iwerson**, M.D., Instructor in Pediatrics.
- Charles Stanton James**, M.D., F.M., Clinical Assistant in Ophthalmology.
- Daniel E. Jenkins**, Ph.D., Lecturer in Medical Psychology.
- Herman Frank Johnson**, M.D., Clinical Assistant in Orthopedic Surgery.
- August Frederick Jonas**, M.D., Professor of Surgery. (*Chairman of Department.*)
- John Jay Keegan**, A.M., M.D., Professor of Clinical Pathology, Director of Clinics, in charge of Neuro-Surgery.
- Charles Rex Kennedy**, M.D., Professor of Clinical Surgery.
- Archibald Roy Knode**, M.D., Instructor in Laryngology. (*Secretary of Department.*)
- John S. Latta**, Ph.D., Assistant Professor of Anatomy.
- Henry Bassett Lemere**, M.D., Assistant Professor of Oto-Rhino-Laryngology.
- John Prentiss Lord**, M.D., Professor of Orthopedic Surgery. (*Chairman of Department.*)
- James S. McAvin**, Ph.G., M.D., Instructor in Anesthesia.
- Harry Monroe McClanahan**, A.M., M.D., Professor of Pediatrics. (*Chairman of Department.*)
- Harry E. McGee**, B.Sc., M.D., Clinical Assistant in Medicine.
- Ernest Lynn MacQuiddy**, B.Sc., M.D., Assistant Instructor in Pathology.
- Otis Wallace Martin**, B.Sc., M.D., Clinical Assistant in Urology.

- <sup>1</sup>Claude W. Mason, M.D., Instructor in Tropical Medicine.  
 Glenn B. Miller, B.Sc., M.D., Clinical Assistant in Surgery.  
 William Forsyth Milroy, M.D., Professor of Clinical Medicine.  
 Willson B. Moody, B.Sc., M.D., Clinical Assistant in Medicine.  
 John Clyde Moore, Jr., B.Sc., M.D., Assistant Professor of Pediatrics.  
 Sergius Morgulis, Ph.D., Professor of Biochemistry.  
 R. Allyn Moser, A.B., M.D., Instructor in Medicine.  
 Floyd J. Murray, B.Sc., M.D., Clinical Assistant in Medicine.  
 John Tennyson Myers, A.B., M.S., Assistant Professor of Bacteriology.  
 Frederick W. Niehaus, B.Sc., M.D., Assistant Instructor in Medicine.  
 John Rudolph Nilsson, M.D., Instructor in Surgery.  
 Donald R. Owen, B.Sc., M.D., Clinical Assistant in Laryngology.  
 Frank Styles Owen, M.D., Professor of Oto-Rhino-Laryngology.  
*(Chairman of Department.)*  
 James McDowell Patton, A.M., M.D., Associate Professor of Ophthalmology.  
 Edward Clarence Person, B.Sc., Fellow in Physiology and Pharmacology.  
 Donald Marion Pillsbury, B.Sc., Fellow in Anatomy.  
 Charles Whitney Pollard, A.B., M.D., Professor of Obstetrics and Gynecology. *(Chairman of Department.)*  
 George Benjamin Potter, M.D., Clinical Assistant in Ophthalmology.  
 John Beekman Potts, M.D., Instructor in Laryngology.  
 Charles William McCorkle Poynter, B.Sc., M.D., Professor of Anatomy. *(Chairman of Department.)*  
 George Pratt, B.Sc., M.D., Assistant Professor of Medicine.  
 George W. Prichard, M.D., Clinical Assistant in Medicine.  
 Daniel T. Quigley, M.D., Instructor in Surgery.  
 Sol E. Ravitz, B.Sc., M.D., Clinical Assistant in Urology.  
 Charles O'Neill Rich, B.Sc., M.D., Assistant Professor of Surgery.  
 Clyde Augustus Roeder, M.D., Assistant Professor of Surgery.  
 William Lytle Ross, Jr., B.Sc., M.D., Assistant Instructor in Urology.  
 Clarence Rubendall, B.Sc., M.D., Instructor in Laryngology.  
 Abram S. Rubnitz, B.Sc., M.D., Clinical Assistant in Medicine.  
 Earl C. Sage, B.Sc., M.D., Instructor in Obstetrics.

<sup>1</sup>On leave with Presbyterian Board of Foreign Missions, King-lung-kiang, Yunnan, China.

**Alfred Schalek, A.M., M.D.**, Professor of Dermatology and Syphilology. (*Chairman of Department.*)

**Robert D. Schrock, A.B., M.D.**, Instructor in Orthopedic Surgery.

**William J. Shaw, A.M.**, Fellow in Pathology.

**Eugene Earl Simmons, B.Sc., M.D.**, Clinical Assistant in Medicine.

**Andrew Bartholomew Somers, M.D.**, Professor Emeritus of Obstetrics.

**Robert James Stearns, M.D.**, Assistant Instructor in Urology.

**John Edwards Summers, M.D.**, Professor of Clinical Surgery.

**George A. Talbert, Ph.D.**, Associate Professor of Physiology and Pharmacology.

**Willis Harvey Taylor, B.Sc., M.D.**, Assistant Professor of Obstetrics.

**Amos Thomas, LL.B.**, Instructor in Medical Jurisprudence.

**Grace Fern Thomas, B.Sc.**, Fellow in Biochemistry.

**Chester Quay Thompson, M.D.**, Clinical Assistant in Medicine.

**Warren Thompson, B.Sc., M.D.**, Instructor in Medicine.

**Charles Creighton Tomlinson, M.D.**, Instructor in Dermatology and Syphilology.

**Solon Rodney Towne, A.M., M.D.**, Professor Emeritus of Hygiene.

**Chester Hill Waters, B.Sc., M.D.**, Instructor in Gynecology.

**Joseph A. Weinberg, B.Sc., M.D.**, Instructor in Pathology.

**William Penaluna Wherry, M.D.**, Instructor in Laryngology and Rhinology.

**Harrison Alonzo Wigton, B.Sc., M.D.**, Assistant Professor of Nervous and Mental Diseases.

**William Albert Willard, Ph.D.**, Professor of Anatomy.

**Helen Wyandt, B.Sc.**, Instructor in Clinical Pathology.

**G. Alexander Young, M.D.**, Professor of Nervous and Mental Diseases. (*Chairman of Department.*)

#### COMMITTEES OF THE FACULTY

Evaluation of Credits—Dr. Poynter (*Chairman*), Mr. Myers, Dr. Willard.

Delinquency—Dr. Eggers (*Chairman*), Dr. Keegan, Dr. Latta.

Course of Study and Schedule—Dr. Guenther (*Chairman*), Dr. Eggers, Dr. Pratt.

Scholarships and Research Prizes—Dr. Gifford (*Chairman*), Dr. J. E. Summers, Dr. E. L. Bridges.

Student Activities—Dr. Pollard (*Chairman*), Dr. Potter, Dr. Lemere.

Convocations—Dr. Bliss (*Chairman*), Dr. Hull, Dr. Lord.

Library—Dr. Crummer (*Chairman*), Dr. Brown, Dr. Guenther, Dr. Banister, The Librarian.

Summer Session—Dr. Willard (*Chairman*), Dr. Anderson, Dr. Moore.

Graduate Studies—Dr. Morgulis (*Chairman*), Dr. Poynter, Dr. Eggers.

Dispensary—Dr. Keegan (*Chairman*), Dr. E. L. Bridges, Dr. Kennedy.

Publications—Dr. Brown (*Chairman*), Dr. Patton, Dr. Rich.

University Hospital—Dr. B. B. Davis (*Chairman*), Dr. Crummer, Dr. H. Gifford, Dr. F. S. Owen, The Dean.

Teaching of Surgery—Dr. Jonas (*Chairman*), Dr. J. E. Summers, Dr. B. B. Davis.

Staff Clinics—Dr. Young (*Chairman*), Dr. Hamilton, Dr. Patton.



## COLLEGE OF MEDICINE

## History

The University of Nebraska College of Medicine succeeded the Omaha Medical College which was established in 1881. In 1903 the University of Nebraska entered into an agreement of affiliation with the Omaha Medical College which was terminated in 1913 when the University of Nebraska formally took over instruction in Medicine. The act of the Board of Regents in establishing four years of instruction in Medicine constituted a revival of the College of Medicine of the University which was established on the Lincoln Campus in 1883 and discontinued in 1888. Coincident with this act, the Medical College was transferred from the seat of the University of Nebraska at Lincoln to the City of Omaha.

The state legislatures during the past years have appropriated more than three quarters of a million dollars for the erection of laboratory buildings and a teaching hospital. These buildings are amply provided with modern equipment. The University Hospital, strictly for teaching purposes, contains one hundred and thirty beds available in various services. (See plan of buildings, pages 30 and 31.)

## Standing

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. The Royal College of Physicians and Surgeons in England has added the University of Nebraska to the short list of American institutions whose Graduates in Medicine may, on production of the required certificate of study, be admitted to the final examination before the Examining Board in Medicine, Surgery and Midwifery. This places the graduates on the same basis as graduates of the best English colleges.

## Methods of Instruction

The course of study in medicine covers six years of thirty-six weeks each. During the first four years those laboratory sciences are pursued which form the basis for the clinical studies of the last two. The objective method is followed in laboratories and clinical instruction, with constant reference to the facts acquired from earlier laboratory work. Emphasis is placed on the individual effort of each student, of whom independent and thoro work is required.

The College affords ample opportunity for thoro instruction. The moderate size of the classes insures close contact between students and instructors. This is of the utmost importance for an exact

knowledge of the fundamental branches. The clinical work, in sections, brings the individual student close to the clinical instructors, and affords him an opportunity to study each case at close range, as well as to secure an unusual amount of bedside instruction.

#### Intern Year

For the degree of Doctor of Medicine an intern year of at least twelve months spent in an acceptable hospital is required of all students matriculating in 1922 and thereafter.

Students are urged to add to their preparation an additional year as intern in an acceptable hospital, or spent in some laboratory. On completion of this year's work such students may secure the degree of Doctor of Medicine cum laude. (See page 20.)

#### Admission to the Undergraduate Colleges of the University

*Credentials which are accepted toward admission to the University become the property of the University and are kept permanently in the files. All credentials must be filed with the Registrar. They should be mailed at least two months before the beginning of any semester or session to insure prompt attention. Attention to this request will save applicants much inconvenience.*

Admission to the University is gained only thru matriculation in one of the ten colleges, (the School of Fine Arts and the School of Journalism are included in the College of Arts and Sciences).

Admission may be (1) to freshman standing, (2) to advanced standing and (3) as adult special students.

The requirements for admission to each of the colleges vary only in a small degree except in the case of the College of Law, the College of Medicine and the College of Dentistry.

For full admission to freshman standing applicants must present 30 entrance points; for conditional admission a minimum of 28 entrance points. (An *entrance point* indicates the work of five recitations a week, of 40 to 50 minutes each, for at least eighteen weeks. In laboratory courses an entrance point indicates three recitations and two double periods of laboratory work each week for at least eighteen weeks. In laboratory courses without recitation, an entrance point is the equivalent of fifteen single periods each week.)

Students admitted conditionally must remove the conditions at the earliest possible opportunity. Degrees will not be granted until such conditions are removed.

#### Admission by Certificate

Admission may be had by certificate (a) from the secondary schools on the accredited list of the University and (b) from the secondary

schools which are members of the North Central Association of Colleges and Secondary Schools and of accrediting associations of equal rank.

*Applicants for admission who are graduates from secondary schools accredited to the University* must file their "entrance cards" with the Registrar or indicate the name of the school and the year of graduation.

*Applicants who are not graduates but enter from secondary schools accredited to the University* must secure and file with the Registrar an officially certified record showing the length of time of attendance, the length of each course in weeks, the number of recitations per week, the length of recitations and grade secured, and also a recommendation from the Superintendent or Principal that the applicant be admitted before graduation.

*Applicants from secondary schools which are members of the North Central Association of Colleges and Secondary Schools and of accrediting associations of equal rank,* must secure and file with the Registrar an officially certified record showing the length of time of attendance, the length of each course in weeks, the number of recitations per week, the length of recitations and the grade secured, and also whether or not the applicant is a graduate. *Graduates of the University Preparatory Course of the School of Agriculture* are admitted to full freshman standing in the College of Agriculture.

#### Admission by Examination

All applicants, other than those mentioned above, for admission to the University are required to take entrance examinations. The University Examiner holds such examinations during the entire period of registration. Graduates of non-accredited four-year high schools may be excused from taking the academic examination by passing with a standing of at least 60 the intelligence test given University freshmen.

#### Entrance Subjects

##### From Four-Year High Schools

For admission to freshman standing credit in the following subjects to the amount indicated must be presented:

Required Subjects	Points
English .....	6
Language (foreign) (a).....	{ 4 to 6 }
Mathematics (algebra and geometry) (a).....	{ 6 to 4 }.....10
History (European) .....	2
Science (laboratory) (b).....	2

Elective Subjects	
Other subjects taught in an approved manner in an accredited secondary school .....	10
	—
Total.....	30

## (a) Language and mathematics—

College of Agriculture—Ten points of foreign language and of mathematics are recommended with a minimum of four points in language, two in algebra and two in geometry, but additional English, history or laboratory science may be offered in place of foreign language.

College of Arts and Sciences—Ten points of foreign language and of mathematics are required with a minimum of four points in language, two in algebra and two in geometry. In the Academic-Medical course Greek or Latin is recommended.

College of Business Administration—Same as for the College of Arts and Sciences after September 1, 1926; students entering previous to that date may substitute additional English, history and laboratory science for foreign language.

College of Dentistry—Same as for the College of Arts and Sciences, and in addition thirty college hours of academic work including chemistry 6 hours, biology 6 hours and English 6 hours are required.

College of Engineering—Three points of algebra and two points of geometry are required. Additional English, history or laboratory science may be offered in place of foreign language.

College of Law—Same as for the College of Arts and Sciences, and in addition sixty college hours of academic work are required.

College of Medicine—Same as for the College of Arts and Sciences, except that Greek or Latin is recommended, and in addition sixty-five college hours of academic work, including chemistry 14 hours, six of which shall be organic; English 6 hours; physics 8 hours; zoology 8 hours.

College of Pharmacy—Same as for the College of Arts and Sciences.

Teachers College—Same as for the College of Arts and Sciences after September 1, 1926; candidates for the B.Sc. in Educ. entering previous to that date, same as for the College of Agriculture.

## (b) Science—

College of Dentistry—Two points of physics are required and two points of chemistry are desirable.

College of Engineering—Two points of physics are required and two points of chemistry will be required after September 1, 1925.

Graduates of accredited schools, presenting at least 30 entrance points, may make up deficiencies in required entrance subjects by carrying college work in those subjects. Such credits may apply on the hours for graduation as free electives, but not to meet group or other prescribed courses, except that students in the College of Engineering who must carry the ten-hour course in beginning chemistry will lose four hours credit.

## Entrance Subjects

## From Senior High Schools

Graduates of accredited senior high schools (grades 10, 11 and 12) may have full admission to freshman standing on 24 entrance points (conditional admission, 23 points) completed in the senior high school; provided that a year of algebra and a year of foreign language may be counted from work carried in a junior high school,



in such instances, the total credits earned in grades 9-12 not being fewer than 30.

Eighteen academic points are required, 14 of which shall consist of a major (6 points) and 2 minors (4 points each), which shall include English and mathematics for all colleges. 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.

In the Colleges of Arts and Sciences, Business Administration, Pharmacy and the Teachers College, the major and the minors may be chosen from English, foreign languages and mathematics.

In the College of Engineering, mathematics is prescribed as the major and physical sciences and English as minors.

In the College of Agriculture, the major and the minors may be chosen from English, mathematics and any other academic subject.

#### Special Provisions—

- (1) College of Business Administration—Until September 1, 1926, English, social sciences and natural sciences (laboratory) may be substituted for the requirement in foreign languages.
- (2) College of Dentistry—Same as for the College of Arts and Sciences except that 2 points of physics are required and a minor in physical sciences is recommended. In addition 30 college hours of academic work, including chemistry 6 hours, biology 6 hours and English 6 hours, are required.
- (3) College of Law—Same as for the College of Arts and Sciences, and in addition 60 college hours of academic work are required.
- (4) College of Medicine—Same as for the College of Arts and Sciences, except that Greek or Latin is recommended, and in addition 65 college hours of academic work, including chemistry 14 hours, 6 of which shall be organic; English 6 hours; physics 8 hours; zoology 8 hours.

#### Admission to Advanced Standing

Applicants for admission from other universities or colleges must file with the Registrar (1) *a letter of honorable dismissal*; (2) *an officially certified statement of the college work already accomplished* showing the length of time in attendance, the length of each course in weeks, the number of recitations or lectures per week, the length of recitation or lecture, the amount of time per week in laboratory courses and the grade and credit hours secured; (3) *an officially certified record of the secondary school work* satisfying the admission requirements of that College of the University which they seek to enter.

Full credit is given for work completed at institutions which maintain standards of admission and graduation equal to those of this University. Credits submitted from schools that do not have such standards are scaled or adjusted in proportion to the character and standing of such institutions. At least 30 of the last 36 hours required for the Bachelor's degree from this university must be car-

ried therein and the student must be registered in that college of this university which recommends the granting of the degree.

Advanced credit, in addition to that presented when admission is granted, must be submitted for approval within one year from date of matriculation.

College credit is given for work done in a secondary school only upon examination and then for a maximum of nine hours elective credit, and only in chemistry, Greek, mechanical drawing, solid geometry, trigonometry, third- and fourth-year German, French and Latin and fourth-year English. To receive college credit for such work, application must be made at the time of first registration in the University and the examination must be taken by the end of the first semester.

#### Admission as "Adult Special" Students

Persons of maturity and experience who may or may not meet medical entrance requirements and who are not candidates for the degree of Doctor of Medicine may be registered as "Adult Special" students. Such students will be admitted to courses in the College of Medicine providing they present adequate academic preparation and the facilities of the College permit. This provision is made for the purpose of providing training for individuals who desire to become "technicians" in the several branches of Medicine. Students will not be received for "Adult Special" registration except with the approval of the Chairman of the Department in which the applicant desires to register. Such admission shall be approved by the Dean. "Adult Special" students are subject to the same regulations as regular students.

#### Admission to Medical College Proper

For admission to the College of Medicine proper, applicants must present sixty-three hours of college work, (sixty-five hours in fall of 1925) representing an attendance at an approved college for two college sessions each consisting of at least thirty semester hours, extending thru two years of thirty-two weeks each, and, in addition, thirty entrance points. The subjects included in two years of college work shall be in accordance with the following schedule:

Required Subjects	Semester Hours
Chemistry .....	14
Six hours of which shall be Organic Chemistry.	
Physics .....	8
Biology (only 4 hours may be Botany).....	8
English .....	6

### Electives

A modern foreign language, advanced zoology, psychology, algebra and trigonometry or additional chemistry.

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.

### Credit Requirements

A student shall complete in residence and in the senior year at least thirty-six of the total hours required for graduation.

In accordance with the recommendation of the Association of American Medical Colleges, the College of Medicine does not grant any time credit toward the M.D. 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 chairman of each department, subject to the meeting of such conditions or the passing of such examinations as he may with reason impose. Admission to any class does not necessarily carry with it credit in all work previously done by the class, since the chairman of any department 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" till removed.

Advanced credit, in addition to that presented when admission is granted, to be accepted must be submitted for approval within one year from date of matriculation.

### Combined Academic and Medical Courses

#### Course Leading to the Degrees of B.Sc. and M.D.

By the use of the laboratory subjects of the third and fourth years of the medical course as elective in his collegiate course the student is enabled to receive, at the end of four years, the degree of Bachelor of Science and at the end of six years that of Doctor of Medicine. This, however, can only be accomplished by following exactly the course as outlined below, substitution being permitted rarely and under conditions where insistence upon the strict enforcement of the requirements would cause evident injustice. Any student failing to meet these requirements can secure his B.Sc. 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 Hours		Second Semester Hours
Chemistry 1 or 3.....	5 or 3	Chemistry 2 or 4.....	5 or 3
Zoology 15 (Biology).....	3	Zoology 16 (Biology).....	3
English 1.....	3	English 2.....	3
Military Science 1.....	1	Mathematics 11a.....	3
Electives .....	5 or 7	Military Science 2.....	1
		Electives .....	2 or 4
	17		17

## SECOND YEAR

Chemistry 21 (Quantitative)..	3	Chemistry 31 (Organic).....	6
Physics 11.....	4	Physics 12 .....	4
Zoology 151.....	4	Zoology 112 .....	3
Military Science 3.....	1	Military Science 4.....	1
Electives .....	6	Electives .....	4
	18		18

## Course Leading to the Degrees of A.B. and M.D.

A student registering for the degree of Bachelor of Arts may arrange a course similar to the course leading to the degrees of B.Sc. and M.D. by the same use of his electives, but seven years 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.

A student entering this University from another in which is offered a six-year combined course substantially equivalent to the one here outlined, may be registered in this course, on presentation of properly authenticated credentials showing the satisfactory completion of all requirements of the institution from which he comes.

## Course Leading to the Degree of B.Sc. in Med.

Students presenting pre-medical college credits of high standard from institutions other than the University of Nebraska and who have completed the first two years in Medicine in this institution may become candidates for the Degree of Bachelor of Science in Medicine.

<sup>1</sup>Students entering with two points of high school chemistry take courses 3 and 4.



#### Registration

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 regarded as a re-registration. A student taking the college work required for entrance to the College of Medicine matriculates and registers in the College of Arts and Sciences until the necessary amount of college work is completed. A student taking the combined six-year course for the degrees of Bachelor of Science and Doctor of Medicine matriculates and registers only in the College of Arts and Sciences during the first two years of his work. He continues to register in the College of Arts and Sciences during the next two years, or until he receives his B.Sc. degree; but he must also matriculate and register in the College of Medicine at the beginning of the third year's work and must register regularly thereafter in the College of Medicine. If he is a candidate for the A.B. degree, he must begin to register also in the College of Medicine not later than the beginning of the fourth year of his course, as at least four years' registration in a college of medicine is required of all who receive the M.D. degree. No regular student is registered for less than twelve (12) hours a semester without the Dean's permission, nor under any conditions for more than eighteen (18) 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 cannot attend classes for which they are not registered and credit is not granted for studies pursued without registration. Any change in a student's residence must be immediately reported to the Dean.

#### Class Standing and Examination

The standing of a student in any course is determined by the instructor in charge of the subject thru examinations, personal contact and observation of routine work. The passing grade for subjects of the third and fourth years is 70 per cent and for the fifth and sixth years is 75 per cent. A grade below passing constitutes a "failure." "Failed" courses may not be repeated except with the permission of the Delinquency Committee. A student receiving a "failure" in a repeated course shall be denied further registration.

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.

Whenever at the middle or 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 Medical College and his registration cancelled.

Any student who has an unabsolved failure in any major subject of the third or fourth year will not be permitted to enter the fifth year except by recommendation of the Delinquency Committee.

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 "condition" in any course and shall be so reported.

A student who fails to make in either of the first two years an average of 75% shall at the end of the second year be re-examined in the entire curriculum of the freshman and sophomore years. In this re-examination the student must receive a passing grade in each subject with an average of at least 75%.

Failure to attain an average grade of 75% in either of the first two years places the student on probationary registration. This registration is subject to cancellation by delinquency committee action.

When the general average grade of any student's work is unsatisfactory the Delinquency Committee may reduce the registration for the next semester or recommend to the Dean that he be refused registration.

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

#### Absence or Withdrawal

The Dean of the College of Medicine is the Adviser of all students in the College of Medicine. He has a consultation hour, when students may call seeking advice touching their work. 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 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 have received credit for at least four full years of instruction at medical colleges in good standing. The last year must have been taken in this institution.
5. For all students matriculating in 1922 and thereafter an intern year of at least twelve months spent in an acceptable hospital.

#### GRADUATE WORK

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

(1) Advanced study and research in one or more of the laboratory departments by students holding baccalaureate degrees from this institution or from some other university or college. Such study may lead to the degree of Master of Arts or of Doctor of Philosophy and may be carried at the same time in a lengthened period of residence as part work in the regular medical schedule. The departments offering this work are included in the Graduate College of the University, the general requirements of which must be met by all candidates for these degrees.

(2) Work of a clinical character by graduates in Medicine serving internships or by graduates in Medicine working under direct faculty supervision. Such work may lead to the degree of Doctor of Medicine *cum laude* under the following conditions laid down by the faculty of the College of Medicine. The candidate must apply at the beginning of his internship or at least one year before he expects to come up for such degree; his work shall consist of original clinical data or experimental work together with general reading and critical survey of the literature bearing on his special subject, and shall be embodied in a typewritten thesis which, if accepted, shall be deposited in the Medical College library; the subject and preliminary outline of the work shall be approved by the faculty committee on graduate study, and thruout the year the work shall be under the supervision of two advisers appointed by the committee with the condition that one shall be a member of the laboratory faculty and the other (if candidate is an intern) the chief of staff of the hospital in which intern is serving; the final acceptance of the thesis shall be by unanimous vote of the faculty and only after its recommendation by the advisory committee and after an opportunity for its inspection by all members of the faculty.

FEEs

The following statements concerning fees apply only to residents of the State of Nebraska and those residents of other states who have matriculated in the College of Medicine previous to August 3, 1923. All other students will be charged a non-resident fee in compliance with the following law passed by the last legislature and approved April 23, 1923. "All state educational institutions shall charge a non-resident fee to each non-resident of Nebraska who shall matriculate after the taking effect of this Act. This fee shall not be less than the fee charged to residents of Nebraska by the state in which such non-resident has his home."

This fee will not be less than \$15.00 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 matriculation and registration fees will not be refunded in any case except when charged thru error of a Dean, Adviser or other University official. Tuition fees may be refunded on withdrawal in good standing from the University according to the following schedule:

First semester						
Withdrawal during.....	Sept.	Oct.	Nov.	Dec.	Jan.	
Tuition returnable .....	All	75%	50%	25%	None	
Second semester						
Withdrawal during .....	Jan.	Feb.	Mar.	Apr.	May, June	
Tuition returnable .....	All	75%	50%	25%	None	
Summer session						
Withdrawal during .....	1st	2nd	3rd	4th	5th-6th	
a term .....	Week	Week	Week	Week	Weeks	
Tuition returnable .....	All	75%	50%	25%	None	

Tuition is returnable according to the above schedule upon written application to the Dean at the time of withdrawal. This application must be accompanied by the receipt for fees issued by the Bursar.

The scheduled fees in the College of Medicine are as follows:

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.....	5.00
Non-resident, minimum, each semester.....	15.00

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

## THIRD YEAR

First semester .....	\$85.00
Second semester .....	80.00
Laboratory fee (deposit).....	10.00

## FOURTH YEAR

Each semester .....	\$80.00
Laboratory fee (deposit).....	10.00

## FIFTH YEAR

Each semester .....	\$75.00
Laboratory fee (deposit).....	10.00

## SIXTH YEAR

Each semester .....	\$75.00
Laboratory fee (deposit).....	10.00

(Unused portion of laboratory fee is returnable.)

For elective courses requiring laboratory space, apparatus and material, an extra fee is charged. This fee is by agreement between the student and the chairman of the department, and is based on the amount of material required. Special course fees or the fees of students taking part-time work is pro-rated 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 \$10.00. 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.

## EXPENSES

Board may be obtained in the vicinity of the College building at an average of \$6.00 per week. Comfortable rooms for individuals cost from \$8.00 to \$15.00 a month. Students rooming together may by this means obtain comfortable rooming quarters at approximately \$7.00 per month each. A comfortably furnished dormitory on the medical campus accommodates fifty students. The average expense of the student for a school year, including books and instruments, and including all fees, is between \$600 and \$850. Students should provide an allowance of \$50 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. Thru 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 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 microscopic anatomy individual desks, lockers, reagents, etc., are at the student's command, as are also excellent collections of histological and embryological material, models, charts, journals, etc.

**Biochemistry.**—This department, located on the fourth floor of the south laboratory, 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.

**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 all of the second floor, north laboratory building, and has two large teaching laboratories for bacteriology and general pathology of the fourth year and for clinical and special pathology of the fifth year. Ample facilities, such as microscopes and other apparatus, 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 provide abundant space. The work shop, the instrument room and the photographic room are all provided with every working convenience.

## CLINICAL FACILITIES

**The University Hospital.**—The University Hospital forms the largest and most important unit of the group of buildings constituting the College of Medicine. It forms 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 (see cut, pages 30 and 31), thoroly modern in every respect contains 130 beds, thus providing for the care of a great variety of cases, many of which, by virtue of unusual interest or extraordinary difficulty, are brought under special consideration at weekly staff meetings open to the entire faculty.

The patients (2,698 in number during 1923) are received from the several counties of Nebraska and are admitted on the application of a legally qualified practitioner of medicine. The patient's application certifies that he is financially unable to employ a physician. There are no private patients.

The ground floor contains a receiving ward, kitchen and appurtenances, refrigerator, large and subsidiary dining rooms, store rooms, class rooms, pathological laboratory, morgue and autopsy room. The second or main floor is devoted to administrative quarters and records, two large general wards in internal medicine, for men and women, respectively, a series of isolation rooms, diet kitchens, laboratory, etc. The third floor houses the College library and wards similar to those described for the second floor but given over to surgery. The fourth floor is a repetition of the others but adapted to obstetrical, pediatric, ophthalmological and other clinical purposes. This floor contains also the living quarters of the interns. On the fifth floor are situated a large clinical amphitheater and two operating rooms with the necessary accessory rooms and a thoroly modern, fully equipped X-ray room. The general wards on each floor terminate in commodious, glass enclosed and heated sun porches. Electro-cardiographic connections are to be found at eighteen points in the hospital conveniently located so that a patient in bed may quickly be connected with the heart station in the south laboratory.

The control of the 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; dermatology and genito-urinary diseases. There is also an out-patient department, which answers many calls from the Visiting Nurses' Association and the Associated Charities of Omaha. 23,326 dispensary visits were made during the year ending December 31, 1923.

**The Child's Saving Institute.**—This institution containing seventy beds, erected on a portion of the Medical campus, lies directly across the street from the south laboratory building. Valuable clinics in infant feeding and the nutritional diseases of childhood are afforded by the institute.

**Extra Mural Hospitals.**—Clinical teaching is scheduled at the Nebraska Methodist Hospital and at the Clarkson Memorial Hospital. The Methodist Hospital is a modern fire-proof structure of two hundred and ten beds and is well equipped with laboratories, clinic rooms, etc. The Clarkson Memorial Hospital, of eighty beds, a thoroly modern institution, affords high grade instruction in selected cases. Additional available hospitals are the Wise Memorial, Douglas County, Immanuel, Swedish Mission and City Emergency.

**Hospital Appointments.**—Graduates of the College of Medicine are afforded a wide choice in the selection of internships. Approximately twenty internships are available in the Omaha hospitals above mentioned. For several years past, practically every graduate of the College of Medicine has served an internship of at least one year. Internships have been secured in several of the hospitals of New York City, Philadelphia, Buffalo, Pittsburg, Detroit, Cincinnati, Los Angeles, Kansas City, etc. The demand for 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 co-operation 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 University College of Medicine is keenly alive to the possibilities which lie within the general theme "Conservation of Public Health" and every effort is made to bring important advances along the lines of better living before the people.

**Bulletins on Public Health.**—The Conservation of Public Health Series is issued quarterly by the College of Medicine. Titles of the bulletins so far issued are as follows:

- Number 1. Hints on Home Nursing for Babies.
- Number 2. Everyday Facts About Tuberculosis, Typhoid and Cancer.
- Number 3. Hygiene of the Child—Colds, Whooping-cough, Measles.



Number 4. Hygiene of the Child—Eyes, Ears, Nose.

Number 5. Hygiene of the Child—Scarlet Fever, Diphtheria.

Number 6. "Spanish" Influenza.

**The College of Medicine Library.**—The Medical College Library represents one of the strongest and most distinctive features of the Medical School. Ideally located in a cool and quiet wing of the hospital building and within easy access from the various laboratories it stands as a vital, common interest to the laboratory and clinical branches of medical instruction. The library equipment is modern in every respect. Accessions, cataloging and indexing are in charge of a competent, expert librarian. The 25,000 bound volumes and more than 15,000 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 two hundred 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 books and surgical instruments. The library recently acquired over one hundred and fifty rare etchings, copper plate engravings, lithographs, etc., of the great men who were the master minds in medicine. 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 State Medical Society.

**The University Library,** in Lincoln, containing over 180,000 volumes is freely accessible to students and faculty in Omaha. Books may be withdrawn at any time upon demand. Likewise thru 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 83,980 volumes at the State Capitol and the Nebraska State Historical Society Library of 75,000 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 five hundred members.

**Medical Student Fraternities**—Phi Rho Sigma, Nu Sigma Nu, Phi Chi, Alpha Kappa Kappa and Phi Beta Pi have active chapters and each maintains a chapter house.

**The Medical Sorority** is Nu Sigma Phi.

**Alpha Omega Alpha.**—Nebraska Alpha Chapter of Alpha Omega Alpha, the medical honorary fraternity, is located at the University of Nebraska College of Medicine. Election to membership in this society occurs at the end of the first semester, sixth year, and is based upon the scholarship record of the last four years of the medical course.

**Medical History Society.**—A student society, open to members of the junior and senior classes, meets monthly for the study of the history of medicine.

**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. Usually some member of the clinical faculty from Omaha is in attendance.

**Museum.**—The pathological museum of the College of Medicine contains about 2,500 specimens. Nearly every variety of pathological lesion is represented and fresh material is regularly received from the affiliated hospitals. From the autopsies performed by the staff, averaging one hundred per year, much valuable material is obtained. 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.

**Journal Club.**—The members of the Laboratory Staff conduct a Journal Club which meets bi-weekly.

#### SCHOLARSHIPS AND LOAN FUNDS

**Student Loan Fund.**—This is a private foundation to aid students to complete their college work in residence at the University—a private enterprise administered by the Board of Regents. The present donors are John A. Waddell of Kansas City, Mo.; John R. Webster of Omaha; William G. Whitmore of Lincoln, \$1,000 each, and Mrs. A. E. Carter of New York City, \$500. Applications should be addressed to the finance secretary of the Board of Regents.

**Scholarships.**—Scholarships are awarded in the various departments in return for students' assistance. Applications for scholarships should be made to the Dean or 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 School.

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 for scholarships should be addressed to the Dean.

**Omaha Medical College Foundation.**—This foundation, created in April, 1921, was established largely thru 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, gifts and loans. The principal of this fund exceeds \$10,000. Only the income may be disbursed. Students applying for benefits under this fund should file a written application with the Dean.

#### 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. Logical sequence, relative stress and attention devoted to studies, with economy of the students' time and energy, have been carefully weighed and considered.

#### UNIVERSITY DISPENSARY

1. Fifth-year students in groups are assigned in rotation to the following dispensary services:

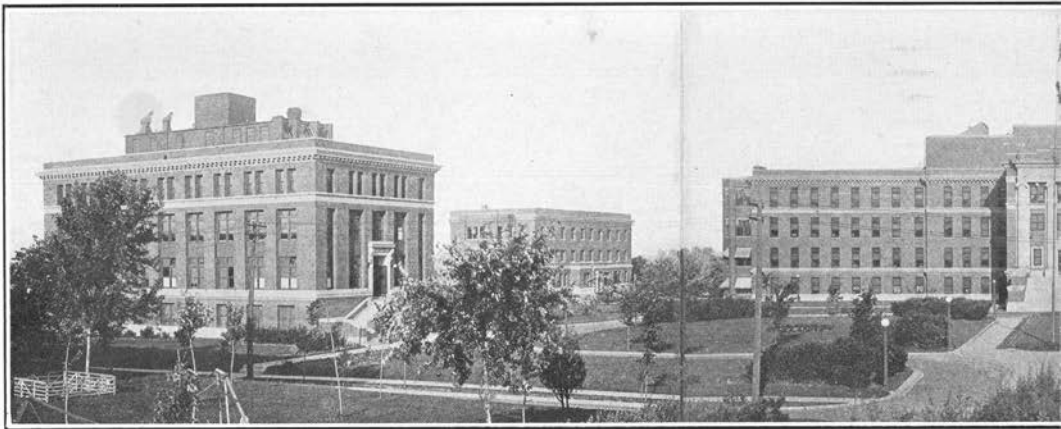
Medicine .....	6 weeks	48 hours
Surgery .....	6 weeks	48 hours
Pediatrics — New-born .....	3 weeks	24 hours
Ear, nose and throat.....	3 weeks	24 hours
Ophthalmology .....	3 weeks	24 hours
Obstetrics—Neurology .....	3 weeks	24 hours
Dermatology—Orthopedics .....	3 weeks	24 hours
Venereal .....	8 weeks	32 hours

Total hours (two semesters) 248

New cases are assigned to two students in rotation and this assignment is retained on each subsequent visit. A complete history and physical examination is required, supplemented by special findings, treatment and progress notes.







South Laboratory Building occupied by  
Biochemistry Physiology-  
Pharmacology and Dispensary

Conkling Hall  
(Nurses' Home)

Universi

The University Hospital contains one hundred thirty beds in ward group un  
logical department is provided with modern equipment. The operating suite is o  
complete X-ray department. Wide porches both to the north and south provide  
teaching unit with every convenience for the comfort and safety of the patient  
Board of Regents of the University and is operated in connection with the Col



y Hospital

North Laboratory Building occupied by  
Anatomy-Pathology and Bacteriology

its of sixteen beds each and adequate isolation rooms. A commodious patho-  
n the fifth floor with north light and is connected with recovery rooms and a  
out-door accommodations for over fifty patients. The hospital is a complete  
s. The University Hospital is entirely under the control and government of the  
lege of Medicine.



2. Special clinics from selected dispensary cases are held by senior staff members each morning at 11 o'clock in medicine or surgery and each afternoon at 2 o'clock in one of the specialties. All fifth-year students not on active dispensary service at these hours are required to attend. Total hours (two semesters) 136.

3. Sixth-year students, during the first semester, are assigned to regular services and during both semesters are required to select and present cases before special dispensary clinics (2). Total hours (two semesters) 170.

4. Out-calls are assigned entirely to sixth-year students and permanent records required. While on dispensary service each sixth-year student is required to submit a complete written analysis of one selected case each week.

#### CLINICAL CLERKSHIP

The clinical clerk service requires intensive case work under supervision, chiefly in the University Hospital. Sixth-year students are assigned for routine history, physical, laboratory and progress notes of cases on admission and are required to submit one detailed case analysis each week. This final report incorporates a history resumé, differential diagnosis, discussion of progress and treatment, application of anatomy, physiology, bio-chemistry and pathology to the case, final diagnosis, prognosis or autopsy report. Abstracts of at least six monographic or current journal references are required with each case report. Regular ward conferences are held with the attending staff.

1. Medicine, including pediatrics, nervous and mental, dermatology, etc. Total hours, 102.

2. Surgery, including urology, fractures, gynecology, orthopedics. Total hours, 102.



## THE UNIVERSITY OF NEBRASKA

SUMMARY OF COURSES OF THE THIRD, FOURTH,  
FIFTH AND SIXTH YEARS

## THIRD YEAR

## First Semester

Course	Character	Total Hours	Credit Hours*
Anatomy 1.....	Gross Dissection .....	180	6.3
Anatomy 3.....	Embryology .....	100	3.6
Anatomy 4a.....	Histology .....	90	3.4
Pathology 1.....	Bacteriology .....	130	4.7
Total hours of semester.....		500	
Total credit hours.....		18	

## Second Semester

Course	Character	Total Hours	Credit Hours*
Anatomy 2.....	Gross Dissection .....	280	10.4
Anatomy 4b.....	Organology .....	100	3.6
Anatomy 5.....	Neurology .....	120	4.0
Total hours of semester.....		500	
Total credit hours.....		18	
Total hours of third year .....		1000	

## FOURTH YEAR

## First Semester

Course	Character	Total Hours	Credit Hours*
Physiology 1 & 2.....	.....	285	9
Biochemistry 1 & 2.....	.....	238	7
Pathology 2.....	Serology .....	50	2
Total hours of semester.....		573	
Total credit hours.....		18	

\*A "credit hour" is given for each one hour recitation or lecture which presupposes two hours of preparation, or for the equivalent of a three hour laboratory period during each of the 17 weeks of a semester.

## Second Semester

Course	Character	Total Hours	Credit Hours*
Medicine 1.....	Normal Physical Diagnosis....	45	1.4
Pharmacology 3, 4.....		170	5.2
Pathology 3.....	General Pathology.....	220	7.0
Pathology 4.....	Laboratory Diagnostic Methods.....	52	1.6
Ophthalmology 1.....		8	0.2
Obstetrics 1.....	Physiology.....	24	0.7
Medicine 2.....	Symptomatology.....	34	1.0
Pediatrics 1.....	Physical Diagnosis.....	17	0.5
Nerv. and Ment. 1a.....	General Psychology.....	14	0.4

Total hours of semester..... 584

Total credit hours..... 18

Total hours of fourth year...1157

## FIFTH YEAR

## First Semester

Course	Content	Total Hours
Internal Medicine 3.....	Physical Diagnosis.....	34
Internal Medicine 5.....	Lecture and Quiz.....	51
Internal Medicine 10a.....	Hospital Clinics.....	17
Surgery 1.....	Lecture and Quiz.....	51
Surgery 3.....	Surgical Anatomy.....	17
Surgery 9a.....	Hospital Clinics.....	17
Pediatrics 2.....	Communicable Diseases.....	17
Obstetrics 2.....		34
Gynecology 5.....		17
Pathology 5.....	Clinical Pathology.....	119
Nervous and Mental 1b.....	Neurology.....	17
Nervous and Mental 3.....	Psychiatry.....	17
Rhino-Laryngology 1.....		22
Otology 2.....		14
Dispensary.....	Medicine and Surgery.....	62
	Total	506

FIFTH YEAR  
Second Semester

Course	Content	Total Hours
Medicine 6.....	Lecture and Quiz.....	51
Medicine 12a.....	Hospital Clinic .....	17
Surgery 2.....	Lecture and Quiz.....	51
Surgery 4.....	Surgical Anatomy .....	17
Surgery 8a.....	Minor surgery.....	10
Surgery 11a.....	Hospital Clinic .....	17
Pediatrics 3.....	Infant Feeding .....	34
Obstetrics 3.....	.....	34
Nervous and Mental 2.....	Neurology .....	17
Nervous and Mental 4.....	Psychiatry .....	17
Gynecology 6.....	.....	17
Therapeutics 1.....	.....	34
Urology 1.....	.....	17
Dispensary.....	.....	186
	Total	519

SIXTH YEAR  
First Semester

Course	Content	Total Hours
Medicine 7.....	Tropical Medicine .....	17
Medicine 11a.....	Hospital Clinic .....	34
Medicine 11b.....	Clinical Clerk .....	34
Medicine 11c.....	Ward Walk .....	17
Surgery 10a.....	Hospital Clinic .....	34
Surgery 10b.....	Clinical Clerk .....	34
Surgery 10c.....	Ward Walk .....	17
Surgery 13.....	Anaesthesia (assignment) .....	17
Pediatrics 4.....	Seminar .....	17
Obstetrics 4.....	.....	34
Nervous and Mental 5.....	.....	34
Orthopedics 1.....	.....	17
Dermatology 1.....	.....	34
Therapeutics 2.....	.....	34
Therapeutics 3.....	X-Ray, etc. ....	17
Urology 2.....	.....	17
Pathology 6a.....	Autopsy conference .....	17
Dispensary.....	.....	68
	Total	476

SIXTH YEAR  
Second Semester

Course	Content	Total Hours
Medicine 8.....	Public Health .....	34
Medicine 9.....	Life Insurance .....	8
Medicine 13a.....	Hospital Clinics .....	34
Medicine 13b.....	Clinical Clerk .....	34
Medicine 13c.....	Ward Walk .....	17
Medicine 14.....	Seminar .....	34
Medicine 15.....	Nursing .....	10
Surgery 6 .....	Fractures and Dislocations.....	17
Surgery 7 .....	Radiotherapy .....	8
Surgery 12a.....	Hospital Clinics .....	34
Surgery 12b.....	Clinical Clerk .....	34
Surgery 12c.....	Ward Walk .....	17
Surgery 13.....	Anaesthesia (assignment) .....	
Orthopedic Surgery 2.....		17
Therapeutics 5.....	Historical Medicine .....	17
Dermatology 2.....	Syphilis .....	12
Pathology 6b.....	Autopsy Conference.....	17
Medical Jurisprudence 1.....		12
Nervous and Mental 6.....		34
Obstetrics 7.....		17
Pediatrics 5.....	Nervous System .....	10
Ophthalmology 3.....	Seminar (elective).....	8
Pathology 8.....	Tumors (elective) .....	24
Dispensary.....	Assignment .....	68
	Total	485

## ANATOMY

Professors Poynter (*Chairman*), Willard, Assistant Professor Latta, Doctor Weinberg and Assistants

In this department instruction is given in gross anatomy, histology, embryology and neurology. The work of the department extends thru the third 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, 2. **Gross Anatomy.**—Study of the human body with complete dissection in the laboratory. The work is so arranged as to insure proficiency in technique as well as a proper understanding of the subject. Lectures, conferences and laboratory—460 hours.

3. **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—100 hours.

4a. **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—90 hours.

4b. **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—100 hours.

5. **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—120 hours.

6. **Graduate Courses.**—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.

Note—All elective courses must be specially arranged for; time and credit to be arranged for at time of registration.

#### BIOCHEMISTRY

Professors Cutter (*Chairman*), Morgulis, Mr. Beber and Assistants

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 technique 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:

A. To give fundamental training in physiological chemistry as required in the regular curriculum of the medical student.

B. To afford students, not candidates for the degree of Doctor of Medicine, the means for obtaining the necessary credits for the degrees of A.M. and Ph.D. All students who are candidates for a degree are expected to attend Courses 1 and 2, unless the content of these courses has been covered in an acceptable manner elsewhere.

C. To extend the facilities of the laboratory for special work in selected topics to physicians and students independently of the requirements for a degree.

1. **Physical Chemistry.**—In this course the principles of physical chemistry are studied from the point of view of their bearing upon physiological problems. First semester, fourth year, first six weeks, five conferences and nine hours of laboratory exercise a week. Total 84 hours.

2. **Biological Chemistry.**—This is a continuation of Course 1, and is divided into two parts: (a) descriptive biochemistry, dealing with the composition of biological materials (living matter and food-stuffs), and (b) dynamic biochemistry, dealing with the action of enzymes, dietetics, metabolism, urine excretion. Apart from the different biochemical methods employed in the practical exercises, a number of metabolism experiments carried out by the students is an important feature of the course. First semester, fourth year, remaining eleven weeks, five conferences and nine hours laboratory work a week. Total 154 hours.

3. **Special Topics in Chemical Pathology.**—Laboratory and conference work on special topics or methods selected to meet the needs of physicians and advanced students. Hospital cases and normal individuals are experimentally studied with reference to both the normal and pathological chemical conditions of blood, urine and metabolism. Topics and hours are arranged individually.

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

#### DERMATOLOGY AND SYPHILOLOGY

Professor Schalek (*Chairman*), Doctor Tomlinson and Assistants

A thoro foundation in dermatology and syphilology is laid by lectures, quizzes 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.**—Lantern demonstrations of the various skin lesions, together with lectures and recitations upon their etiology, pathology and treatment. Total 34 hours. First semester, sixth year.

2. **Dermatology and Syphilology.**—Lectures on syphilis comprising all late developments in bacteriology, laboratory tests and therapeutics. Every phase and stage of syphilis is reviewed to give the students a thoro general understanding of the disease. A weekly clinic at the University Hospital. Demonstration of patients, discussion of treatment. Total 12 hours. Second semester, sixth year.

3. **Dispensary.**—Fifth and sixth years. (See page 28.)

#### INTERNAL MEDICINE

Professors Crummer (*Chairman*), W. O. Bridges, Milroy, Dunn, Associate Professors Banister, E. L. Bridges, Assistant Professors Bliss, Goetz, Anderson, Christie, Pratt, Conlin, and Doctors Allen, Hall, Thompson, Johnson, Mason, Niehaus, Moser, Brandt, Gerrie, Moody, McGee, Prichard, Rubnitz, Murray, Simmons and C. Thompson.

1. **Physical Diagnosis.**—History taking and methods of 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 Tuberculosis*, produced by the Instruction Laboratory of the Army Medical School, is shown in this course. Total 45 hours. Second semester, fourth year, one hour quiz, two hours demonstration and practice.

2. **Principles of Medicine.**—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, fourth year.

3. **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 quiz work in junior medicine. In proper sequence the modifications of physical examinations, essential in pediatrics, are shown. Two hour clinic. Total 34 hours. First semester, fifth year.

4. **Physical Diagnosis**.—Course 3 continued. Two hours clinic. Total 34 hours. Second semester, fifth year.

5. **Internal Medicine**.—This course consists of didactic and quiz work. The entire class is met twice each week in formal lecture, supplemented by at least six monographic or journal references on the subject presented. The class is divided into four sections for one or more quizzes each week, covering textbook assignment and lecture material of the week preceding. Three hours weekly. Total 51 hours. First semester, fifth year.

6. **Internal Medicine**.—Course 5 continued. Three hours weekly. Total 51 hours. Second semester, fifth year.

7. **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 lecture a week. Total 17 hours. First semester, sixth year.

8. **Sanitation and Public Health**.—(See Pathology 7.)

9. **Life Insurance Examinations**.—The nature and growth of life insurance; elementary principles of life insurance; duties and responsibilities of examiners; influence of different diseases, heredity, occupation and habits on expectancy of life; proper technic in examining applicants for life insurance. One hour. Total 8 hours. Second semester, sixth year.

10. **Clinics**.—First semester. Fifth year.

- a. University Hospital. Total 17 hours.
- d. Dispensary. Total 31 hours.

11. **Clinics**.—First semester. Sixth year.

- a. University Hospital. Total 34 hours.
- b. Clinical Clerk. Total 34 hours.
- c. Ward Walk. Total 17 hours.
- d. Dispensary. Total 34 hours.

12. **Clinics**.—Second semester. Fifth year.

- a. University Hospital. Total 17 hours.
- d. Dispensary. Total 93 hours.



13. **Clinics.**—Second semester. Sixth year.

a. University Hospital. Total 34 hours.

b. Clinical Clerk. Total 34 hours.

c. Ward Walk. Total 17 hours.

d. Dispensary. Total 34 hours.

14. **Seminar.**—A review of medicine based on current literature, case reports, histories. Two hours weekly. Total 34 hours. Second semester, sixth year.

15. **Nursing.**—Practical demonstrations in nursing covering method of handling the sick, bathing, changing bed linen, application of heat and cold, poultices, enemata, tube feeding, general principles of nursing service with ethics of nursing. Total 10 hours. Second semester, sixth year.

#### MEDICAL JURISPRUDENCE

Mr. Thomas, Mr. Hascall

1. **Medical Jurisprudence.**—Physicians' contracts, general medico-legal relations. Expert testimony. Malpractice. Injuries and deaths. Identity and survivorship. Sexual relations. Quarantine, sanitation. Medical legislation. Twelve lectures. Second semester, sixth year.

#### NERVOUS AND MENTAL DISEASES

Professor Young (*Chairman*), Assistant Professor Wigton, Dr. Jenkins, Dr. Bennett and Assistants

The course in nervous and mental diseases which extends thruout the junior and senior years aims primarily at giving the student the ability to make a comprehensive neurological 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, thru the rich clinical material of the University Hospital and the psychiatric ward of 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.

1a. **Psychology.**—A course in medical psychology leading directly to psychiatry. Total 14 hours. Second semester, fourth year.

1b. **Neurology.**—Lectures and quiz-lectures covering method of case taking, etiology, pathology, symptomatology and treatment of the organic and functional nervous diseases. 17 hours. First semester, fifth year.

2. **Neurology.**—Course 1 continued. 17 hours. Second semester, fifth year.

3. **Psychiatry.**—Lectures and quiz-lectures on the psychoses and feeble-minded states; etiology, symptomatology and treatment. 17 hours. First semester, fifth year.

4. **Psychiatry.**—Course 3 continued. 17 hours. Second semester, fifth year.

5. **Clinics at University Hospital and Psychiatric Ward of Douglas County Hospital.**—Case histories presented by students at clinics; demonstration of neurological and psychiatric disease entities; discussion and quizzes on diagnosis and treatment. Seventeen two-hour periods. First semester, sixth year.

6. **Clinics.**—Course 5 continued. Seventeen two-hour periods. Second semester, sixth year.

7. **Dispensary.**—Fifth and sixth years. (See page 28.)

#### OBSTETRICS AND GYNECOLOGY

Professor Pollard (*Chairman*), Assistant Professor Taylor,  
Doctors Waters, Sage and Moon

The instruction in diseases of women consists largely of practical demonstrations. The dispensary clinic, held at the University Free Dispensary, is regarded as a most important part of the clinical teaching. It is in these clinics that the student is trained in clinical diagnosis and where he may best be instructed in principles of treatment. The University Hospital affords abundant opportunity for the assignment of obstetric cases to members of the fifth and sixth year classes under direction. During such attendance the student is excused from other college exercises. Under direction and in presence of the professor or one of his assistants, he makes examination, both by abdominal and vaginal palpation, suggests diagnosis, studies the progress of labor and in case operative procedure is necessary, witnesses and assists at operations. Clinics are held at which students are taught antepartum diagnosis. Written reports of all clinical work are required and each student must have reported twelve cases of confinement before coming up for graduation.

1. **The Physiology of Pregnancy, Labor and the Puerperium.**—Hygiene and conduct of pregnancy, normal labor and puerperium and the physiology and the care of the new-born child. Total 34 hours. Second semester, fourth year.

2. **Pathology of Pregnancy, Labor, Puerperium and of New-born Child.**—Total 34 hours. First semester, fifth year.

3. **Pathology of Pregnancy, Labor, Puerperium and of New-Child**—Course 2 continued. Total 34 hours. Second semester, fifth year.

4. **Obstetrics**.—The hemorrhages, antepartum, intrapartum and postpartum. The toxemias. Review of use of forceps with special application. Total 34 hours. First semester, sixth year.

5. **Gynecology**.—The subject is covered by didactic lectures and recitations. These are supplemented by lantern demonstrations, instruments, casts and pathological specimens. Total 17 hours. First semester, fifth year.

6. **Gynecology**.—Course 5 continued. Total 17 hours. Second semester, fifth year.

7. **Gynecology**.—Course 4 continued. Total 17 hours. Second semester, sixth year.

8. **Dispensary**—Fifth and sixth years. (See page 28.)

#### OPHTHALMOLOGY

Professor Harold Gifford (*Chairman*), Associate Professor Patton, Doctors Potter, S. R. Gifford, James, Fairchild

1. **Ophthalmology**.—General examination of the eye with special reference to the normal. Principals of refraction with practical exercises in groups at dispensary. Use of ophthalmoscope, etc., with practical demonstrations. One hour lecture. Total 8 hours. Second semester, fourth year.

2. **Ophthalmology**.—Diseases of the eye, symptomatology and diagnosis. Total 17 hours. First semester, fifth year.

3. **Ophthalmology**.—Review of common manifestations and treatment of diseases of the eye. Total eight hours. Second semester, sixth year.

4. **Diseases of the Eye**.—Elective. Clinics at Methodist Hospital. Two hours weekly. Total 32 hours. Second semester, sixth year.

5. **Elective**—Work for specially qualified students, either in advanced routine laboratory procedures or in special problems.

6. **Dispensary**.—Fifth and sixth years. (See page 28.)

#### ORTHOPEDIC SURGERY

Professor Lord (*Chairman*), Doctor Schrock, Dr. Johnson

1. **Orthopedic Surgery**.—Diseases 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. Total 17 hours. First semester, sixth year.

2. **Orthopedic Surgery.**—One hour clinic and quiz. University Hospital. Total 17 hours. Second semester, sixth year.

#### OTOLOGY, RHINOLOGY AND LARYNGOLOGY

Professor Owen (*Chairman*), Assistant Professor Lemere, Doctors Knode, Potts, Callfas, Rubendall, Wherry, J. C. Davis, D. R. Owen, Cassidy

1. **Diseases of the Nose, Throat and Larynx.**—Physiology, use of instruments and general principles of pathology, diagnosis and treatment. Two hours weekly. Total 22 hours. First semester, fifth year.

2. **Diseases of the Ear.**—Special diagnostic methods with use of instruments. Non-surgical diseases of the ear. Total 14 hours. Second half, first semester, fifth year.

3. **Dispensary.**—Fifth and sixth years. (See page 28.)

#### PATHOLOGY AND BACTERIOLOGY

Professors Eggers (*Chairman*), Keegan, Assistant Professor Myers, Dr. MacQuiddy, Miss Wyandt and Assistants

1. **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 130 hours. First semester, third year.

2. **Serology.**—Course 1 continued. Lecture and laboratory course on the principles of infection and immunity. Total 50 hours. First semester, fourth year.

3. **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. 140 hours laboratory, 80 hours class work. Second semester, fourth year.

4. **Laboratory Diagnostic Method.**—A study of the technique and significance of clinical laboratory procedures. Total 52 hours: 39 hours laboratory, 13 hours class work. Second semester, fourth year.

5. **Clinical Pathology.**—A study of the pathological processes affecting systems and organs. Analysis of autopsy and surgical case reports with fresh, museum and microscopic specimens. Total 119 hours: 85 hours laboratory, 34 hours lecture. First semester, fifth year.

6a. **Clinical-Pathological Conferences.**—Postmortem case analysis in co-operation with clinical staff and departments of anatomy, phy-



siology and biochemistry. Presentation of specimens, microscopic sections, photographs, lantern slides. Total 17 hours. First semester, sixth year.

6b. **Clinical-Pathological Conferences.**—Course 6a continued. Total 17 hours. Second semester, sixth year.

7. **Public Health.**—A course in public health and sanitation, with special reference to the problems and methods of this work, as applied both to urban and rural conditions. Thirty-four hours class work. Second semester, sixth year.

8. **Pathology of Tumors.**—An elective course for the study of fresh and fixed tumor material, gross and microscopic, with emphasis on diagnosis and clinical course. Total 24 hours. Second semester, sixth year.

9. **Autopsies.**—Two fifth-year students and two sixth-year students (clinical clerks) are assigned to each autopsy to assist and submit detailed report.

10. **Special Work and Research.**—Work for specially qualified students, either in advanced routine laboratory procedures, or in special problems.

#### PEDIATRICS

Professor McClanahan (*Chairman*), Assistant Professors Hamilton, Moore, Doctors Iwerson, Bantin

1. **Physical Diagnosis.**—Growth and development, diseases of circulation. Lectures and clinics. Total 17 hours. Second semester, fourth year.

2. **Communicable Diseases.**—Total 17 hours. First semester, fifth year.

3. **Infant Feeding—Nutrition—Diseases of Metabolism.**—Total 34 hours. Second semester, fifth year.

4. **Seminar.**—Subjects reviewed with case demonstrations. Total 17 hours. First semester, sixth year.

5. **Diseases of Nervous System and Tuberculosis.**—Lectures and clinics. Total 10 hours. Second semester, sixth year.

6. **Dispensary.**—Fifth and sixth years. (See page 28.)

#### PHYSIOLOGY AND PHARMACOLOGY

Professor Guenther (*Chairman*), Associate Professor Talbert and Assistants

The combined course in physiology and pharmacology is a study of vital phenomena presented with special reference to the requirements of medical students. The general aim in imparting informa-

tion is to train the students in differentiating physiological facts from inferences; in the acquisition of a careful experimental technic; in the cultivation of a capacity for independent observation, and, in general, in supplying an intimate knowledge of physiological and pharmacological processes to serve in establishing a rational basis for more advanced medical courses.

1. **General Course in Physiology.**—Lectures, conferences, quizzes, preparation of theses, assigned reading and the preparation of abstracts from current literature. Total 85 hours. First semester, fourth year.

2. **Laboratory Course in Physiology.**—Must accompany or be preceded by Course 1. Total 200 hours. First semester, fourth year.

3. **Didactic Pharmacology.**—Course 1 continued. The action of drugs studied by means of lectures, conferences, demonstrations and quizzes. Constant reference to the results obtained in the laboratory. Prescription writing. Five hours a week thruout the semester. Total 85 hours. Second semester, fourth year.

4. **Experimental Pharmacology.**—Practical instruction in the principles of pharmaceutical procedures. Study of drugs and preparations. Practice in prescription writing. The action of drugs on animals and, to some extent, on human beings. Bio-assay of drugs. Demonstrations. Constant reference to physiological facts in interpreting pharmacological phenomena. Six hours per week. Total 102 hours. Second semester, fourth year.

5. **Elective Courses.**—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.

#### SURGERY

Professor Jonas (*Chairman*), Clinical Professors B. B. Davis, Summers and Kennedy, Assistant Professors Brown, Hull, Rich and Roeder, Doctors Quigley, Nilsson, Keegan, Herbert Davis, Weinberg, A. D. Davis, McAvin, Miller and Grodinsky.

The course in surgery aims to give the students a thoro understanding of the principles of surgical pathology, surgical diagnosis and rational treatment and does not attempt in the undergraduate courses the development of surgical operative technic. Minor surgical technic is taught in the dispensary and clinics, including numerous practical exercises in surgical asepsis, and the student is prepared to perform such operations as would come to the practitioner as emergencies or in the course of general work. For surgical

courses leading to general surgery the student is referred to graduate courses which may be arranged by consultation with the chairman of the department.

1. **Principles of Surgery.**—This course consists of didactic and quiz work. The entire class is met twice each week in formal lecture, supplemented by at least six monographic or journal references on the subject presented. The class is divided into four sections for one or more quizzes each week, covering textbook assignment and lecture material of the week preceding. Three hours weekly. Total 51 hours. First semester, fifth year.

2. **Principles of Surgery.**—Course 1 continued. Three hours weekly. Total 51 hours. Second semester, fifth year.

3. **Surgical Anatomy.**—One hour. Total 17 hours. First semester, fifth year.

4. **Surgical Anatomy.**—Course 3 continued. One hour. Total 17 hours. Second semester, fifth year.

5. **Fractures and Dislocations.**—A lecture, quiz and demonstration course on fractures and dislocations. X-ray diagnosis with application of bandages and casts. Two hours. Total 32 hours. First semester, sixth year.

6. **Fractures and Dislocations.**—Course 5 continued. Practical work in application of plaster casts. One hour. Total 17 hours. Second semester, sixth year.

7. **Radiotherapy.**—Presentation of cases under radium treatment. Types of cases amenable to radiotherapy with emphasis upon tumor pathology. Total 8 hours. Second semester, sixth year.

8a. **Minor Surgery.**—Principles of fixation as used in surgery. Application of bandages, plaster casts, etc., with methods. The handling of the patient. Surgical equipment, instruments, ligatures, dressings, preparation of operating room, etc. Total 10 hours. Second semester, fifth year.

8b. **Experimental Surgery.**—A courses limited to six sophomore students each year who will continue experimental work until graduation. Admission to the course will be by application, and students will be selected from the list of applicants by the department of surgery. The work of the second year covers the technique of animal experimentation. In the third and fourth years students pursue a research problem under direction of the department. Thesis required.

9. **Clinics.**—First semester, fifth year.

a. University Hospital. Total 17 hours.

d. Dispensary. Total 31 hours.

10. **Clinics.**—First semester, sixth year.
  - a. University Hospital. Total 34 hours.
  - b. Clinical Clerk. Total 34 hours.
  - c. Ward Walk. Total 17 hours.
  - d. Dispensary. Total 34 hours.
11. **Clinics.**—Second semester, fifth year.
  - a. University Hospital. Total 17 hours.
  - d. Dispensary. Total 93 hours.
12. **Clinics.**—Second semester, sixth year.
  - a. University Hospital. Total 34 hours.
  - b. Clinical Clerk. Total 34 hours.
  - c. Ward Walk. Total 17 hours.
  - d. Dispensary. Total 34 hours.

All surgical clinics are held at University Hospital unless otherwise noted.

13. **Anesthesia.**—Principles and practice of anesthesia. Demonstrations and practical work in anesthesia in University Hospital under direction of hospital anesthetist. First and second semesters, fifth and sixth years, on assignment.

14. **Oral Surgery.**—Hygiene of oral cavity, prevention of deformities, prophylaxis, cleft palate, harelip, considerations of diagnosis and management. Second semester, sixth year. Elective.

#### THERAPEUTICS

Assistant Professors Goetz (*Chairman*), Ballard

The courses of this department follow directly those offered by the department of pharmacology. The following courses are offered with the object of fixing the practical application of pharmacological reasoning.

1. **Clinical Therapeutics.**—Necessity of definite plans of treatment based upon logical reasoning shown in the more important diseases. Direct application of all forms of therapeutic aid. In clinics special attention paid to analysis of cases for therapeutic indications. Two hours clinic and quiz. Total 34 hours. Second semester, fifth year.

2. **Clinical Therapeutics.**—Course 1 continued. Total 34 hours. First semester, sixth year.

3. **Therapeutics.**—X-ray, radium, ultra-violet light, electro-therapy. Lectures and demonstrations. Total 17 hours. First semester, sixth year.

4. **Therapeutics.**—Massage, hydro-therapy and mechano-therapy. Lectures, demonstrations and clinics. Total 17 hours. First semester, sixth year.



5. **Therapeutics.**—The evolution of drug and non-drug therapy, Lectures emphasizing the historical development of therapeutics with discussion of the theory and practice of Thompsonian medicine, Eclectic medicine, Homeopathy, suggestive therapeutics, etc. Total 17 hours. Second semester, sixth year.

#### UROLOGY

Professor Edwin Davis (*Chairman*), Doctors Stearns, Martin, Ross and Ravitz

1. **Urology.**—Weekly lecture, one hour, devoted to anatomy and pathology of urogenital tract. Total 17 hours. Second semester, fifth year.

2. **Clinic.**—Weekly clinic, one hour, devoted to diagnosis and surgery of diseases of the urogenital tract. Total 17 hours. First semester, sixth year.

3. **Elective Course.**—Limited to six. Urological cases in the wards are assigned to the students for diagnosis. Instruction in laboratory methods, cystoscopy and ureteral catheterization.

a. First semester, sixth year.

b. Second semester, sixth year.

4. **Dispensary.**—Fifth and sixth years. (See page 28.)

## REGISTER OF STUDENTS, 1923-24

## In Omaha

## SIXTH YEAR

Allen, James G.....	Auburn
Anderson, Frank Russell.....	Lincoln
Babcock, Jay Blaine.....	Lincoln
Bantin, Clarence Frederick.....	Omaha
Bare, Norton H.....	Clearwater
Benthack, Walter.....	Chadron
Block, David Micheal.....	Fremont
Brady, Richard Randall.....	Omaha
Brazie, Walter.....	Harlan, Ia.
Brown, Dewey Franklin.....	Cambridge
Brown, Julius.....	Omaha
Buenafe, B. L.....	Dolores, P. I.
Burnham, Phillip S.....	Scottsbluff
Carlson, Carl Robert.....	Pacific Junction, Ia.
Clark, George L.....	Lincoln
Conrad, Paul Edgar.....	Sabetha, Kans.
Dunn, Austin Gibbons.....	St. Paul, Minn.
Everts, Glenn Stearns.....	Lincoln
Fischer, George Gotthardt.....	Kenesaw
Fleishman, Max.....	Omaha
Frank, Harold.....	Bassett
Goodrich, Guy W.....	Omaha
Harris, William Donald.....	Valley
Haslam, Thomas P.....	Omaha
Henry, Martin R.....	Omaha
Hoefler, Carl Archibald.....	Friend
Hoover, John Roderick.....	Haddam, Kans.
Hoxie, Derrick A.....	Emerald
Hughes, Dwight Otis.....	Bayard
Johnson, George Stephen.....	Lincoln
Johnson, Mildred Naomi.....	Omaha
Judd, John Hewitt.....	Lincoln
Kenner, William Clinton.....	Utica
Kenney, Eugene W.....	Fox Lake, Wis.
Lathrop, Mason E.....	Torrington, Wyo.
Lear, William Dale.....	Springview
Lutton, John Dudley.....	Beaver City
Miller, Earl Edgar.....	Verdon
Moskovitz, Julius Maurice.....	Omaha

Mountford, Forrest Alton.....	Red Cloud
Munter, Craig Wilson.....	St. Louis, Mo.
Newquist, Melvin Nathaniel.....	Wausa
Oleinik, John M.....	Bear Creek, Mont.
Price, Charles R.....	Rapid City, S. D.
Protzman, Thomas B.....	Lakewood, Ohio
Racines, Juan Ysabelo.....	Cagayan, Misamis, P. I.
Reed, Paul A.....	Guide Rock
Resnick, Joseph D.....	Danbury, Conn.
Reynolds, Clyde G.....	York
Root, Joseph Cullen.....	Omaha
Sauer, Leslie Earl.....	Strang
Schafer, Millard F.....	Ohiowa
Scheidegger, Elvin Franklin.....	Ft. Morgan, Colo.
Slemmons, Theodore M.....	Canistota, S. D.
Slocumb, Rigdon H.....	Chappell
Smalldon, John Louis.....	University Place
Stewart, Fletcher Clark.....	Waterville, Kans.
Trimble, Chester.....	Omaha
Turner, J. Harvey.....	Lawton, Ia.
Wonders, Max Eugene.....	Omaha
Wood, Lyle L.....	Haigler
Woods, Ozro T.....	Lincoln

## FIFTH YEAR

Abel, Arthur R.....	Vermillion, S. D.
Allen, Edgar Vannice.....	Cozad
Anderson, Harley Eric.....	Omaha
Bennett, Thomas Wade.....	Beaver Crossing
Beymer, Charles Bishop.....	Rydal, Kans.
Bilon, Louis V.....	Grand Island
Breckenridge, Walter Reid.....	Yuma, Colo.
Brehm, Paul Albert.....	Lincoln
Burnett, Francis K.....	Clarinda, Ia.
Buzza, Mildred.....	Council Bluffs, Ia.
Carveth, Walter William.....	Lincoln
Cloyd, Augustus D.....	Omaha
Crowder, Earl R.....	Elk Point, S. D.
Davis, Dallas Dee.....	Adams
Deal, Edwin Perle.....	St. Francis, Kans.
Deering, Dave N.....	Sutton
Dingman, Cecil Walter.....	Lincoln
DiStefano, Carmelo.....	Omaha
Doty, David A.....	Beaver Crossing

Drummond, Donald Lloyd.....	Lincoln
Edwards, Albert C.....	Omaha
Fahrenbruch, Frederick Donald.....	Culbertson
Farner, Bennie Raymond.....	Stuart
Folsom, Clarence Hugo.....	University Place
Foiney, Lester Wayne.....	Daykin
Frary, Reginald Ames.....	Auburn
Furnish, Richard Douglas.....	Kansas City, Mo.
Gibbon, William H.....	Dunbar
Gilligan, John P.....	O'Neill
Gilmore, James Walker.....	Murray
Grau, Eugene C.....	Omaha
Green, Carl Raymond.....	McCool Junction
Grower, Julius H.....	Columbia, Mo.
Hansen, George M.....	Omaha
Hartford, Thomas James.....	Valley
Hull, Eunice Ruth.....	Central City
Ira, Gordon H.....	Lynch
Johnson, Chester Frederick.....	Omaha
Kintner, Arthur Ruel.....	Weeping Water
Kroehler, Robert Andrew.....	Plattsmouth
Kuhlmann, Frederick William.....	Pawnee City
Lawson, Homer C.....	Omaha
Lee, Robert Milton.....	Arcadia
Lewis, George Everie.....	Lincoln
Light, Samuel Emlin.....	Sidney
Lovejoy, Ferold D.....	Omaha
Lundgren, Rupert Walter.....	York
McDaniel, Virgil Sprague.....	Nebraska City
McGee, John W.....	Omaha
McMeekin, Hugh Ralston.....	Shelby
McMillan, John Harold.....	Hunnewell, Mo.
Matson, Reuben C.....	Bertrand
Moe, Leonard Nicholas.....	Dell Rapids, S. D.
Morton, Herschel Burdette.....	Seward
Munger, Irvia Clarence.....	Lincoln
Murphy, Rex Leo.....	Bethany
Nelson, William Newton.....	Holdrege
Nicholson, Clyde Gordon.....	Omaha
Pelikan, Edward Robert.....	David City
Petersen, Emil Carl.....	Dannebrog
Petersen, Magnus Christian.....	Blair
Peterson, Theodore August.....	Overton
Phillips, Herbert Lester.....	Peru, Ill.



Phillips, Robert Alan.....	Elk Point, S. D.
Powell, Lyle Stephenson.....	Douglas, Wyo.
Rabkin, Israel .....	Brooklyn, N. Y.
Ready, Frank L.....	Hartington
Reed, Burkett Elmer.....	Lincoln
Rider, Larry Dewey.....	Lincoln
Russell, Ralph Swisher.....	Lincoln
Scoins, William Harold.....	Cairo
Scott, John William.....	Ft. Morgan, Colo.
Shaw, William .....	Omaha
Sirca, Dionisie .....	Omaha
Smernoff, Meyer .....	Denver, Colo.
Smith, Austin Henry.....	Omaha
Steven, Robert Alexander.....	York
Suegang, Felipe Parco.....	Batan, Capiz, P. I.
Sundberg, Rudolph Herbert.....	St. Paul, Minn.
Weaver, Ralph Lowell.....	Beatrice
Weber, Julius A.....	Bradshaw
Weymuller, Louis Ernest.....	Omaha
Wiggins, Carryl W.....	Exeter
Wikstrom, John Floyd.....	Ponca
Wilmoth, Luther Harmon.....	Omaha
Wilson, Donald Jasper.....	Ashland
Worden, Donald King.....	Cozad
Wright, William Elza.....	Esbon, Kans.
Zarbaugh, Guy Frederic.....	Lincoln

## FOURTH YEAR

Albertson, Miriam Alverta.....	Carleton
Bain, Clarence Lorimer.....	Omaha
Barber, Theodore Melvin.....	Minneapolis, Minn.
Barger, Panzy Louise.....	Tarkio, Mo.
Barritt, John Lemuel.....	Union
Bitzer, Donald A.....	Fairbury
Bonesteel, Henry Samuel.....	Denver, Colo.
Bringas, Ireneo Blanco.....	Pidigrin, Abra, P. I.
Brown, Cyril Carroll.....	Fairmont
Brown, Elizabeth Mary.....	University Place
Brown, Roy Hall.....	Springview
Catania, Nancy .....	Omaha
Conner, Edwin I.....	Glidden, Ia.
Davidson, Lawrence Leroy.....	Edgemont, S. D.
Dickson, James Charles.....	Omaha
Dixon, Chester Darwin.....	Tekamah

Dent, Townsend Edward.....	North Platte
Dunbar, William Vernon.....	Comstock
Eagleton, John Theodore.....	Decatur
Eychaner, George A.....	Omaha
Fenton, Jerry H.....	Lincoln
Gilfry, Ralph Atherton.....	Arlington
Good, Richard Warner, Jr.....	Corning, Ia.
Hansen, Nels Marius.....	Blair
Herrmann, Walter Wesley.....	Lincoln
Hoover, Ladd.....	Haddam, Kans.
Jefferson, Roland Alfred.....	Omaha
Joyner, Nevill.....	Pine Ridge, S. D.
Katskee, Edwin.....	Omaha
Kirk, Esley Joseph.....	Bloomington
Kirkegaard, Smith Christian.....	Aurora, Colo.
Klein, Jennings Bryan.....	Adams
Koch, Lewis Alfred.....	Cozad
Kreuger, Frederick William.....	Gilead
Kunkel, Gerald Milton.....	Harvard
Lee, Lawrence Dewey.....	Greenwood
Lewis, Ernest Verdon.....	Beaver City
Lowe, Dewitt Stratton.....	Pawnee City
Luce, Roscoe Paul.....	Alma
Lucic, L. Hugo.....	Valparaiso, Chile
Lukovsky, Joseph Frederick.....	Omaha
McClelland, Elmer Edward.....	Lincoln
McGrew, Kirby Clayton.....	Ord
Macauley, Bernard Joseph.....	Clearwater
Mandel, Charles.....	New York, N. Y.
Maxwell, Eugene Blake.....	Omaha
Miller, Bradford Walter.....	Omaha
Millhouse, John Howard.....	Sumner
Mitchell, Charlotte Anne.....	David City
Newton, Raymond Alwyn.....	Hollinger
Nielsen, Juul Christian.....	Blair
Novak, William Fred.....	Howells
Oakes, Charles Willis.....	Kirkman, Ia.
Orvedahl, Frederic William.....	Flandreau, S. D.
O'Sullivan, Margaret Josephine.....	Omaha
Overholt, Richard Hollis.....	Peru
Pace, Paul Theron.....	Guide Rock
Peterson, Ellen.....	Blair
Rachmel, William.....	Los Angeles, Calif.
Read, Paul Stowell.....	Kirwin, Kans.

Robertson, George E.....	Omaha
Robinson, Harry Herbert.....	Omaha
Robinson, Louis Lester.....	Omaha
Roos, Denver Dunbar.....	College View
Rowley, Larie Guy.....	Omaha
Schulz, Reuben Zeitan.....	Brownnton, Minn.
Shramek, Charles John.....	Omaha
Sims, George P.....	Omaha
Sorensen, Regnar Michael.....	Atlantic, Ia.
Stahly, Edward Harry.....	Milford
Stander, Theodore Calvert.....	Louisville
Stout, Gurn T.....	Grand Junction, Colo.
Tennant, Hardin Sherman.....	Pawnee City
Thornell, Joseph Browning.....	Council Bluffs, Ia.
Wallin, Stanley.....	Omaha
Walters, Stanley James.....	Omaha
Ward, Carl Fletcher.....	St. Paul, Minn.
Wegner, Carl Reinard.....	Loveland, Colo.
Wegner, Walter Robert.....	Loveland, Colo.
Weiss, Victor Johannes.....	Eustis
Williams, Charles Rollin.....	University Place
Wynegar, David Edgar.....	University Place

## SPECIALS

Buck, Clair A.....	Waterloo, Ia.
Fredericks, George Matthew.....	Minneapolis, Minn.

## THIRD YEAR

Abbott, Dee L.....	Long Island, Kans.
Abbott, Hodson Alexander.....	Minden
Adkisson, Hubert Julius.....	Rising City
Ainlay, George William.....	Farnam
Blecker, Ralph Franklin.....	Ponca
Blume, Winfred Reynold.....	Emerson
Burdick, Donald Edwin.....	David City
Burr, Raymond B.....	Fort Smith, Ark.
Busby, Lauren Fletcher.....	Belden
Christlieb, John M.....	Wilcox
Cook, Stuart Hosmer.....	Randolph
Dean, Jason Archie.....	Lincoln
DeVries, Benjamin.....	Pella, Ia.
Edens, Alfred Felix.....	Battle Creek
Endres, Gregory Lawrence.....	Omaha
Engel, Earl H.....	Ponca

Estill, Robert Reeve.....	Bridgeport
Foley, Irving L.....	Omaha
Franco, Leon Canlas.....	SanLuis, Pampanga, P. I.
Garrison, William Patton.....	Beatrice
Gelvin, Emanuel Raymand.....	Frankfort, Kans.
Graham, James William.....	Dakota City
Gray, Howard Kramer.....	Omaha
Green, Henry James.....	Omaha
Greenberg, Maynard Maurice.....	Omaha
Greenberg, Sam.....	Omaha
Griess, Alfred Henry.....	Sutton
Gustin, Plomer Julius.....	Lincoln
Hansen, Elmer Marion.....	Lincoln
Harris, Harvey Bruce.....	Steele City
Harry, Robert Edward.....	Stamford
Hartford, Nelson Case.....	Omaha
Hughes, Martin Judson.....	Omaha
Hunt, Carson Edward.....	Fairbury
Jones, Tyre Kenneth.....	Ainsworth
Kenaston, Thomas Corwin.....	Butte
Kreymborg, O. Clair.....	Fremont
Krueger, Karl Emil.....	Laramie, Wyo.
Leavitt, Reuben David.....	Russia
Lewis, George Kenneth.....	Crofton
Lewis, James Tyre.....	Omaha
Liska, Edward Joseph.....	Swanton
Lorance, Ralph Charles.....	Auburn
Lukens, Isaiah.....	Tekamah
McDermott, Alza Martin.....	Grand Island
MacDonald, John Tennyson.....	Burton
McEachen, Esther Isabel.....	Wayne
McGuire, Paul John.....	David City
McKinzie, Walter Ellis.....	Ontario, Canada
Macagba, Rufino Nisperos.....	Lincoln
Mangold, Leonard Arthur.....	Bennington
Mares, Lumir Martin.....	Wilber
Miller, Arthur Weston.....	Gibbon
Miller, Jesse Walter.....	Denton
Minkin, Rose Rena.....	Omaha
Mohun, Meade.....	Omaha
Morgon, Clifford Veryl.....	Elmwood
Murdock, Harry Merrill.....	Omaha
Nutzman, Charles Lindsay.....	Fairbury
Parmelee, Ernest Banes.....	Lincoln



Pyle, Bert William.....	Pawnee City
Rosenau, Oliver Paul.....	Hastings
Rypins, Edwin Louis.....	Omaha
Samuel, Hal J.....	Omaha
Sawyer, Ralph Ernest.....	Kearney
Scheidt, John Henry.....	Friend
Scholz, Theodore R.....	University Place
Scott, Robert Allen.....	Aurora
Steere, Richard Amos.....	Sheridan, Wyo.
Steffens, Ralph Stanley.....	Windom, Minn.
Swoboda, Joseph.....	Omaha
Thomas, Grace Fern.....	College View
Thompson, Charlotte Roxana.....	Chippewa Falls, Wis.
Thompson, Ralph Mathew.....	Omaha
Tipton, Paul Wayne.....	Tabor, Ia.
Wanamaker, Ambrose Roy.....	Hamburg, Ia.
Wessly, William David.....	Omaha
Whalen, Joseph Francis.....	Little Rock, Ark.
Wiebe, Frank Edward.....	Beatrice
Willmarth, Edwin Hamilton.....	Omaha
Wilmoth, Marion Edward.....	Omaha
Wise, Ernest Earl.....	Ord

## SPECIALS

Bain, Mrs. Hilda J.....	Omaha
Morehouse, Marguerite L.....	Council Bluffs, Ia.
Munger, Samuel Johnston.....	Spencer, Ia.

## REGISTER OF STUDENTS, 1923-24

## In Lincoln

## PRE-MEDICAL YEARS

Abbott, Dee L.	Dahlberg, Joseph N.	Greenberg, Ben
Aiken, Donald S.	Daily, Kaho	Grimes, Orville G.
Allison, John M.	Dean, Joseph O.	Gritzka, Thomas L.
Ames, Mary Eliza	Denny, Lester W.	Gump, Millard E.
Amy, Chester E.	DeVorss, Lloyd R.	Guttridge, John C.
Anderson, Chauncey L.	DeVries, Benjamin	Hald, Edmund F.
Anderson, Margaret B.	Dewey, Leonard A.	Hall, Howard A.
Anderson, Otis	Dickinson, John H.	Hammell, Rue J.
Anderson, Russell J.	Dodd, Wendell S.	Hamsa, Wm. R.
Anderson, Selma B.	Donelan, James P.	Hansen, Douglas E.
Arkwright, Richard M.	Drummond, Clarence I.	Harris, Donald J.
Aten, Eugene L.	Dunker, Richard W.	Hay, William E.
Beer, Lowell F.	Eberspacher, Gertrude E.	Heilesen, William E.
Benjamin, H. Weston	Ehlers, Orrin C.	Heinz, Theodore E.
Bennett, Wm. Edward	Eklund, Harley S.	Hepperlen, Harry M.
Elack, Leo P.	Elias, Joseph S.	Herron, Paul H.
Bolender, Melvin C.	Elliott, Arthur G.	Hervert, William J.
Borre, Helge	Evans, Charles T.	Hetherington, Lloyd P.
Boyd, Robert G.	Everett, Arthur R.	Hinrichs, Lillian
Brawner, Glenn	Ewing, J. Warren	Hodges, Wm. M.
Bridges, Floyd H.	Fahnestock, Margaret J.	Hopkins, Howard L.
Briggs, Harold	Farner, Leo P.	Hoppe, Walter E. J.
Bruns, Alvin John	Finnigan, Thomas J.	Horr, Harry
Burnham, Willard E.	Fischer, Viola I.	Howard, Lester K.
Cameron, John A.	Fitzsimmons, George C.	Hustead, Theodore E.
Campbell, Harvey R.	Fochtman, Mary C.	Jacobs, Paul
Carlson, Virgil R.	Follmer, G. Crawford	Jeffery, Donald D.
Case, Richard J.	Fonda, Doris E.	Johnson, Carl H.
Cavanaugh, Mary R.	Francis, Marvyn B.	Johnson, John A.
Cave, Lyle S.	Gairdner, Tom M.	Johnson, Roy W.
Coats, Edwin A.	Gasteyer, Theo. H.	Karrer, Frederick M.
Coats, Robert M.	Gatley, William P.	Kent, Clifford P.
Coder, Harold E.	Gemoetz, Henry N.	Kerr, William H.
Coffman, Rowland F.	Gibbon, Paul D.	Key, Walter E.
Cohn, Bennett L.	Giffin, Robert Leeman	Kinsler, Kenneth H.
Cook, Donald E.	Goldbeck, William	Kirkle, Orval L.
Coufal, Robert A.	Goldman, John R.	Kirkwood, Mary I.
Cram, Roy S.	Graves, Eldon W.	Kleven, John E.
Crozier, Henry C.	Green, Charles J.	Kohler, Lloyd M.

- |                         |                       |                       |
|-------------------------|-----------------------|-----------------------|
| Kotinek, George M.      | Mulligan, Arthur M.   | Scoby, Marion Clinton |
| Krieg, Wendell J. S.    | Murphy, Francis J.    | Shaw, Wilfred L.      |
| Labaree, Lewis V.       | Murphy, Iva Glene     | Sheldon, John M.      |
| Lamb, Milton M.         | Musfelt, William S.   | Shook, Mildred D.     |
| Landers, Clyde H.       | Neely, John M.        | Smith, Clifford L.    |
| Lanspa, Joseph A.       | Nelson, Orene C.      | Smith, Jerome H.      |
| Lapp, Titus S.          | Netz, Ralph E.        | Sorenson, Alfred      |
| Larson, Harold V.       | Nichols, Neva F.      | Stibal, Jerrold F.    |
| Leisman, Raymond A.     | Nuss, Herman Victor   | Taggart, Samuel R.    |
| LeMar, George D.        | Oakes, Harold P.      | Teal, Frederick F.    |
| Lewis, Raymond G.       | Oaks, John E.         | Thomas, Clyde E.      |
| Liebers, Ernest M.      | Olson, Edgar L.       | Tranmer, Robert F.    |
| Lloyd, Lowell C.        | Panek, Edward V.      | Trexler, Louis O.     |
| Loder, Roland H.        | Pelais, Juan O.       | Tucker, John G.       |
| Longwell, Alden L.      | Perlman, Everett C.   | Tyson, Roland W.      |
| Lundt, Theo. H.         | Peterson, Arthur E.   | Udan, Juan G.         |
| Luscombe, Harold        | Peterson, John C.     | Unsell, David H.      |
| McAlister, Lawrence S.  | Phelps, Roy Lee       | VanOstrand, Carolyn   |
| McBride, John W.        | Popelar, Melville V.  | VanValin, Carroll D.  |
| McLaughlin, Margaret A. | Porter, Steven Alfred | VanValin, James C.    |
| McNeill, Lloyd S.       | Prawitz, C. Donald    | Wadell, W. Wayne      |
| Mackey, Clarence        | Preston, Robert L.    | Waite, Geraldine A.   |
| Macy, Ernest E.         | Prochaska, Charles J. | Walker, James D. Jr.  |
| Malcolm, Donald C.      | Proudfit, Ransom C.   | Waltemath, Glen F.    |
| Malzacher, John W.      | Pullen, Ellis A.      | Walters, Viola A.     |
| Mangels, Raymond W.     | Purdy, Ernest C.      | Wanek, Fred H.        |
| Mann, Hartley B.        | Rakow, Alford F.      | Wanek, Louis S.       |
| Marx, Louis             | Redgwick, John P.     | Watson, Florence      |
| Matchett, Foster L.     | Reinking, Louis H.    | Werner, Arthur A.     |
| May, Percy C.           | Renquist, Gerald A.   | Webster, William W.   |
| Metheny, Ralph S.       | Rice, Raymond M.      | Weigand, Clayton G.   |
| Michelman, Hans F.      | Riley, Hugh B.        | White, Harold N.      |
| Millard, Earle L.       | Roberts, Charles E.   | Wilson, Merton C.     |
| Miller, Clarence R.     | Rodwell, Robert L.    | Winkle, Vernon M.     |
| Miller, Noah R.         | Roseenthal, J. Edward | Woodhead, Ralph H.    |
| Mishkis, Benjamin S.    | Ryan, Harold E.       | Woods, Millard T.     |
| Misko, John Perry       | Sabin, Clarence W.    | Wortham, Herbert W.   |
| Mitchell, Loyd P.       | Sackett, Dean R.      | Wright, George W.     |
| Moes, Robert J.         | Sacks, George F.      | Wright, Gordon R.     |
| Moore, Robert H.        | Savella, Cesareo S.   | Yoshimura, K.         |
| Moritz, John R.         | Sawyer, Clarence O.   | Zierott, LeRoy L.     |
| Morrison, Arlo A.       | Saxton, Alton J.      | Zimmerman, Joseph A.  |
| Mousel, Claude M.       | Scheie, Clifton L.    |                       |
| Mousel, Lloyd H.        | Schroeder, Ralph L.   |                       |





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