1923

Bulletin of the University of Nebraska: Annual Catalog of the College of Medicine, 1923-1924

University of Nebraska College of Medicine

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<table>
<thead>
<tr>
<th>Date</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sept. 17-19</td>
<td>Registration, first semester.</td>
</tr>
<tr>
<td>Nov. 29</td>
<td>Thanksgiving holiday.</td>
</tr>
<tr>
<td>Dec. 22-Jan. 2</td>
<td>Christmas recess.</td>
</tr>
</tbody>
</table>

1924

<table>
<thead>
<tr>
<th>Date</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan. 25, 26</td>
<td>Registration, second semester.</td>
</tr>
<tr>
<td>March 29-Apr. 3</td>
<td>Spring recess.</td>
</tr>
<tr>
<td>June 7</td>
<td>Fifty-third Annual Commencement.</td>
</tr>
</tbody>
</table>
CALENDAR FOR 1923-24 OF ALL COLLEGES AND SCHOOLS

1923

September 17-19 Monday-Wednesday
Entrance examinations and registration, first semester
September 20 Thursday
First semester classes begin
September 22 Saturday, 8 p.m.
University reception to all students
September 25 Tuesday, 11 a.m.
Opening address by Chancellor
October 8 Monday
School of Agriculture, first semester begins
October 20 Saturday
First-quarter reports
November 17 Saturday
Mid-quarter reports
November 29 Thursday
Thanksgiving holiday
December 15 Saturday
Third-quarter reports
December 22 Saturday, noon
Christmas recess begins

1924

January 2 Wednesday, 8 a.m.
Christmas recess ends
January 7-12 Monday-Saturday, noon
Registration, second semester, for resident students
January 14 Monday
School of Agriculture, second semester begins
January 21-25 Monday-Friday
First semester examinations
January 25, 26 Friday-Saturday, noon
Registration for new students
January 28 Monday
Second semester classes begin
February 14 Thursday
Phi Beta Kappa and Sigma Xi address
February 23 Saturday
First-quarter reports
March 22 Saturday
Mid-quarter reports
March 29 Saturday, noon
Spring recess begins
April 3 Thursday, 8 a.m.
Spring recess ends
April 11 Friday
School of Agriculture Commencement
April 19 Saturday
Third-quarter reports
May 19-24 Monday-Saturday, noon
Registration for first semester 1924-25
May 29-June 3 Thursday-Tuesday
Second semester examinations
June 1 Sunday
Baccalaureate Sermon
June 5 Thursday
Teachers College High School Commencement

Commencement Week
June 4-6 Wednesday-Friday
Ivy Day-Alumni Day-Class Day
June 7 Saturday
Fifty-third Annual Commencement

Summer Session, 1924

June 6, 7, 9 Friday, Sat., Mon.
Registration, summer session
June 10 Tuesday
Summer session classes begin
July 15, 16 Tuesday-Wednesday
Registration second term
July 16 Wednesday
First term closes
July 17 Thursday
Second term classes begin
August 22 Friday
Summer session closes

1924-25

September 15 Monday
First semester begins
THE UNIVERSITY OF NEBRASKA

THE BOARD OF REGENTS

Members 1923  Term Expires
JOHN ROBINSON WEBSTER, President, Omaha ........................................... 1925
FRANK WOODHULL JUDSON, Omaha .......................................................... 1925
WILLIAM LAVERNE BATES, Lincoln ......................................................... 1927
GEORGE N. SEYMOUR, Elgin ...................................................................... 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. Webster, Seymour, Bates.
Finance—Messrs. Seymour, Landis, Judson.
Industrial Education—Messrs. Landis, Warner, Judson.

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

Edgar V. Allen, A.M., Fellow in Anatomy.
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.
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 Clinical Otology.
Waldron A. Cassidy, A.B., M.D., Clinical Assistant in Ophthalmology.
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.)
Irving Samuel Cutter, B.Sc., M.D., Professor of Biochemistry. (Chairman of Department.)
Byron Bennett Davis, A.B., M.D., Professor of the Principles of Surgery and Clinical Surgery.
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.
Albert C. Edwards, B.Sc., Fellow in Biochemistry.
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 and Otology. (Chairman of Department.)
Sanford R. Gifford, A.B., M.D., Instructor in Ophthalmology.
James Samuel Goetz, M.D., Assistant Professor of Medicine. (Chairman of Department of Therapeutics.)
Eugene Grau, A.M., Fellow in Anatomy.
Abe Greenberg, B.Sc., M.D., Clinical Assistant in Surgery.
Manuel Grodinsky, B.Sc., M.D., Clinical Assistant in Medicine.
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, M.D., Assistant Professor of Pediatrics.
Vincent Charles Hascall, LL.B., Instructor in Medical Jurisprudence.
Charles B. Heustis, B.Sc., M.D., Clinical Assistant in Medicine.
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.
Aldis Adelbert Johnson, Ph.B., M.D., Instructor in Medicine.
Ernest Delogne Johnson, M.D., Clinical Assistant in Laryngology and Rhinology.
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, Secretary of the Faculty.
Charles Rex Kennedy, M.D., Professor of Clinical Surgery.
Archibald Roy Knode, M.D., Instructor in Laryngology.
John S. Latta, Ph.D., Assistant Professor of Anatomy.
*Homer Cleveland Lawson, Instructor in Physiology and Pharmacology.*
Elizabeth Ann Leggett, B.Sc., Instructor in Biochemistry.
Henry Bassett Lemere, M.D., Instructor in Otology.
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 Anatomy.  *(Chairman of Department.)*
Otis Wallace Martin, B.Sc., M.D., Clinical Assistant in Urology.
*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.
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.

*Resigned.*
*On leave with Presbyterian Board of Foreign Missions, King-lung-kiang, Yunnan, China.*
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 and Rhinology.
Frank Styles Owen, M.D., Professor of Laryngology and Rhinology.  
(Chairman of Department.)

James McDowell Patton, A.M., M.D., Associate Professor of Ophthalmology.

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 Surgical Pathology.
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., Assistant in Clinical Pathology.
Carl Frederick Rusche, B.Sc., M.D., Assistant Instructor in Urology.
Earl C. Sage, B.Sc., M.D., Instructor in Obstetrics.
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.
Rudolph Skarda, Curator of Museum.

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

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

Arthur Charles Stokes, B.Sc., M.D., Professor of Clinical and Experimental Surgery.

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

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

^Resigned.
Willis Harvey Taylor, B.Sc., M.D., Assistant Professor of Obstetrics.
Amos Thomas, LL.B., Instructor in Medical Jurisprudence.
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 Surgery.
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.
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. Talbert.
Delinquency—Dr. Eggers (Chairman), Dr. Keegan, Dr. Latta.
Clinical Teaching—The Dean (Chairman), Dr. Jonas, Dr. W. O. Bridges.
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. Potts, 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. Talbert.
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.
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. This affiliation was terminated in 1913 when the University of Nebraska formally took over all instruction in medicine. Coincident with this date the Medical College of the University was transferred from the seat of the University at Lincoln to the City of Omaha. Today it stands among the leading medical colleges of the country in the character of the training of future practicing physicians.

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 a hundred and thirty beds available in various services. (See plan of buildings, pages 32 and 33.)

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 thorough work is required.

The College affords ample opportunity for thorough 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

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 17.)

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.

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 is 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 Col-
leges 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 High School Inspector holds such examinations during the entire week in which registration occurs. Graduates of non-accredited four-year high schools may be excused from taking the academic examinations by passing with a standing of at least 60 the intelligence test given University freshmen. (See General Catalog p. 33.)

Entrance Subjects

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

<table>
<thead>
<tr>
<th>Required Subjects</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>6</td>
</tr>
<tr>
<td>Language (foreign) (a)</td>
<td>4 to 6</td>
</tr>
<tr>
<td>Mathematics (algebra and geometry) (a)</td>
<td>6 to 4</td>
</tr>
<tr>
<td>History (European)</td>
<td>2</td>
</tr>
<tr>
<td>Science (laboratory) (b)</td>
<td>2</td>
</tr>
<tr>
<td>Elective Subjects</td>
<td></td>
</tr>
<tr>
<td>Other subjects taught in an approved manner in an accredited secondary school</td>
<td>10</td>
</tr>
</tbody>
</table>

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 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 Business Administration—Same as for the College of Agriculture.
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 8 hours and English 6 hours 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 college hours of academic work, including chemistry 12 hours, four 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—B.Sc. in Educ., same as for the College of Agriculture; A.B. in Educ., same as for the College of Arts and Sciences.

(b) Science—
College of Agriculture—Both physics and chemistry are desirable, but a full year of either physics or chemistry should be offered. Students offering only a half year of either cannot continue their study in the College without registering for the elementary course.
College of Engineering—Two points of physics are required and two points of chemistry are desirable.
College of Dentistry—Same as for the College of Engineering.

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 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 carried 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 at least 21 years of age who cannot fulfill the regular admission requirements for freshman standing, but who present an equivalent academic training, or who have otherwise acquired adequate preparation for collegiate courses, may be admitted to the University as “Adult Specials”. Such admission shall be approved by the Dean of the College which applicant desires to enter. Adult specials are subject to the same regulations as regular students in respect to military science or physical training or eventual graduation requirements.

Admission to the Medical College Proper

For admission to the College of Medicine proper, applicants must present sixty hours of college work, 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:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>12</td>
</tr>
<tr>
<td>Physics</td>
<td>8</td>
</tr>
<tr>
<td>Biology (only 4 hours may be Botany)</td>
<td>8</td>
</tr>
<tr>
<td>English</td>
<td>6</td>
</tr>
</tbody>
</table>

Electives:

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

For medical entrance a credit hour is defined as follows: A credit 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 a "condition" 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

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 1 or 3</td>
<td>5 or 3</td>
</tr>
<tr>
<td>Zoology 15 (Biology)</td>
<td>3</td>
</tr>
<tr>
<td>English 1</td>
<td>3</td>
</tr>
<tr>
<td>Military Science 1</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
<td>5 or 7</td>
</tr>
<tr>
<td>Total</td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 2 or 4</td>
<td>5 or 3</td>
</tr>
<tr>
<td>Zoology 16 (Biology)</td>
<td>3</td>
</tr>
<tr>
<td>English 2</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics 11a</td>
<td>3</td>
</tr>
<tr>
<td>Military Science 2</td>
<td>1</td>
</tr>
<tr>
<td>Electives</td>
<td>2 or 4</td>
</tr>
<tr>
<td>Total</td>
<td>17</td>
</tr>
</tbody>
</table>
SECOND YEAR

Chemistry 21 (Quantitative) .... 3
Physics 11 ................................ 4
Zoology 151 ................................ 4
Military Science 3 .................... 1
Electives .................................. 6

Chemistry 31 (Organic) .......... 6
Physics 12 ................................. 4
Zoology 112 ............................... 3
Military Science 4 .................... 1
Electives .................................. 4

---

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 degree 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.

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

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1 Students entering with two points of high-school chemistry take courses 3 and 4.
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 between 60 and 70 per cent in the third and fourth years and between 60 and 75 per cent in the fifth and sixth years constitutes a "condition". A grade below 60 per cent or the failure to remove a "condition" constitutes a "failure" and the subject must be repeated in course.

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.

When the removal of a "condition" requires examination such supplemental examination shall be held at the end of the spring vacation or during registration week of the following September, at the discretion of the head of the department. The fee for the removal of each condition is $5.00.

If a student fails to pass the supplemental examination he is "failed" in the course and shall not have the privilege of a re-exam-
in ation except after re-registration and repetition of the course. If he is "failed" in the course a second time, he shall not have further privilege of instruction or examination in this College except by special recommendation of the Delinquency Committee.

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 the necessary examinations and have received credit for at least four full years of instruction at medical colleges in good standing. The last year he must have taken in this institution.
5. For all students matriculating in 1922 and thereafter an internship 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 throughout 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 the residents 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 fees 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:
Tuition returnable ...... All 75% 50% 25% None

Second semester:
Tuition returnable ...... All 75% 50% 25% None

Summer session:
Withdrawal during 1st 2nd 3d 4th 5th-6th a term 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
Breakage fee ...................................................... 10.00

FOURTH YEAR
Each semester .................................................. $80.00
Breakage fee ...................................................... 10.00

FIFTH YEAR
Each semester .................................................. $75.00
Breakage fee ...................................................... 10.00

SIXTH YEAR
Each semester .................................................. $75.00
Breakage fee ...................................................... 10.00

(Unused portion of breakage 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
THE COLLEGE OF MEDICINE

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 workshop, 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 32-33), thoroughly 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 (2,411 in number during 1922) 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 thoroughly modern, fully equipped X-ray room. The general wards on each floor terminate in commodious, glass enclosed and heated sun porches. Electrocardiographic 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 Free 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. 24,382 dispensary visits were made during the year ending December 31, 1922.

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 thoroughly 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, Pittsburgh, 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 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 ac-
quired 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 175,000 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 82,603 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 bi-weekly 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 scholarship 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.

DISPENSARY AND CLINICAL CLERKSHIP

During the fifth and sixth years, students in small groups are assigned, in rotation, to dispensary and clinical clerkship services according to the following schedule.

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
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<th>F</th>
<th>G</th>
<th>H</th>
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<tbody>
<tr>
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<td>9</td>
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<td>3</td>
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<tr>
<td>4</td>
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<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>1</td>
<td>2</td>
<td>3</td>
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</tr>
</tbody>
</table>

In the assignment scheme the numerals represent student groups while the letters represent the various services. Each service is of one month's duration and one of the following eleven,- A—Medicine at Dispensary; B—Medicine at Hospital; C—Surgery at Dispensary; D—Surgery at Hospital; E—Gynecology; F—Pediatrics and Nervous and Mental Diseases; G—Eye, Ear, Nose and Throat; H—Urology; I—Laboratory; J—Drugs; and K—Receiving and Out-calls.
### Summary of Courses of the Third, Fourth, Fifth and Sixth Years

#### Third Year

**First Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Character</th>
<th>Total Hours</th>
<th>Credit Hours*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy 1</td>
<td>Gross Dissection</td>
<td>180</td>
<td>6.3</td>
</tr>
<tr>
<td>Anatomy 3</td>
<td>Embryology</td>
<td>100</td>
<td>3.6</td>
</tr>
<tr>
<td>Anatomy 4a</td>
<td>Histology</td>
<td>90</td>
<td>3.4</td>
</tr>
<tr>
<td>Pathology 1</td>
<td>Bacteriology</td>
<td>130</td>
<td>4.7</td>
</tr>
</tbody>
</table>

Total hours of semester 500
Total credit hours 18

**Second Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Character</th>
<th>Total Hours</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Anatomy 2</td>
<td>Gross Dissection</td>
<td>280</td>
<td>10.4</td>
</tr>
<tr>
<td>Anatomy 4b</td>
<td>Organology</td>
<td>100</td>
<td>3.6</td>
</tr>
<tr>
<td>Anatomy 5</td>
<td>Neurology</td>
<td>120</td>
<td>4</td>
</tr>
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</table>

Total hours of semester 500
Total credit hours 18
Total hours of third year 1000

#### Fourth Year

**First Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Character</th>
<th>Total Hours</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physiology 1 &amp; 2</td>
<td></td>
<td>285</td>
<td>9</td>
</tr>
<tr>
<td>Biochemistry 1 &amp; 2</td>
<td></td>
<td>238</td>
<td>7</td>
</tr>
<tr>
<td>Pathology 2</td>
<td>Serology</td>
<td>50</td>
<td>2</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Character</th>
<th>Total Hours</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine 1</td>
<td>Normal Physical Diagnosis</td>
<td>45</td>
<td>1.4</td>
</tr>
<tr>
<td>Pharmacology 3, 4a-b</td>
<td></td>
<td>170</td>
<td>5.3</td>
</tr>
<tr>
<td>Pathology 3</td>
<td></td>
<td>220</td>
<td>7.0</td>
</tr>
<tr>
<td>Pathology 4</td>
<td></td>
<td>52</td>
<td>1.7</td>
</tr>
<tr>
<td>Ophthalmology 1</td>
<td></td>
<td>6</td>
<td>0.2</td>
</tr>
<tr>
<td>Obstetrics 1</td>
<td></td>
<td>24</td>
<td>0.8</td>
</tr>
<tr>
<td>Medicine 2</td>
<td></td>
<td>34</td>
<td>1.0</td>
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<tr>
<td>Pediatrics 1</td>
<td></td>
<td>17</td>
<td>0.6</td>
</tr>
</tbody>
</table>

Total hours of semester: 568  
Total credit hours: 18  
Total hours of fourth year: 1141

### Fifth Year

#### First Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Total Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gynecology 5</td>
<td>17</td>
</tr>
<tr>
<td>Internal Medicine 3 (Physical Diagnosis)</td>
<td>51</td>
</tr>
<tr>
<td>Internal Medicine 5</td>
<td>68</td>
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<tr>
<td>Laryngology 1</td>
<td>16</td>
</tr>
<tr>
<td>Nervous and Mental Diseases 1</td>
<td>17</td>
</tr>
<tr>
<td>Nervous and Mental Diseases 3 (Psychiatry)</td>
<td>17</td>
</tr>
<tr>
<td>Obstetrics 2</td>
<td>32</td>
</tr>
<tr>
<td>Ophthalmology 2</td>
<td>21</td>
</tr>
<tr>
<td>Otology 3</td>
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<tr>
<td>Pathology 5 (Clinical Pathology)</td>
<td>112</td>
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<tr>
<td>Surgery 1a-1b</td>
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<tr>
<td>Surgery 3</td>
<td>17</td>
</tr>
<tr>
<td>Pediatrics 2</td>
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<tr>
<td>Section Clinics and Dispensary</td>
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580
## Second Semester

<table>
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<tbody>
<tr>
<td>Gynecology 6</td>
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<tr>
<td>Internal Medicine 6</td>
<td>68</td>
</tr>
<tr>
<td>Laryngology 2</td>
<td>16</td>
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<tr>
<td>Nervous and Mental Diseases 2</td>
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<tr>
<td>Nervous and Mental Diseases 4 (Psychiatry)</td>
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<tr>
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<td>Surgery 2a-2b</td>
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Total hours of fifth year—1120.

## Sixth Year

### First Semester

<table>
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<td>Obstetrics 4</td>
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<td>Clinical Clerkships—Dispensary—Section Clinics</td>
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500
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<td>Medical Jurisprudence 1</td>
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<td>Pathology 7 (Public Health)</td>
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<td>Pathology 6b</td>
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<td>Clinical Clerkships—Dispensary—Section Clinics</td>
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Total hours of sixth year..........................1000
Total hours of Medical Course proper..............4281

ANATOMY
Professors Poynter (Chairman), Willard, Assistant Professor Latta, Doctor MacQuiddy 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 funda-
mental 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, Miss Leggett 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 University Hospital contains one hundred thirty beds in ward group and is equipped with modern equipment. The operating suite is complete X-ray department. Wide porches both to the north and south provide outgoing unit with every convenience for the comfort and safety of the patients. The Regents of the University and is operated in connection with the College of
ity Hospital

North Laboratory Building occupied by Anatomy-Pathology and Bacteriology

ts of sixteen beds each and adequate isolation rooms. A commodious pathol-
the fifth floor with north light and is connected with recovery rooms and a
door accommodations for over fifty patients. The hospital is a complete teach-
University Hospital is entirely under the control and government of the Board
dicine.
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 the Courses 1 and 2, unless the contents 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 thorough foundation in dermatology and syphology 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 32 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 thorough 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. Dermatology and Syphilology—Examination of patients and treatment by students under supervision of attending physician, at University Dispensary. First semester, fifth and sixth years.

4. Dermatology and Syphilology—Course 3 continued. Second semester, fifth and sixth years.

GYNECOLOGY AND OBSTETRICS

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

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 24 hours. Second semester, fourth 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.


6a. Gynecology—Course 6 continued. Total 24 hours. Second semester, sixth year.

7a-b. Gynecology—Dispensary, where small groups of students are permitted to examine patients and to apply local treatment. First semester of fifth and sixth years.

8a-b. Dispensary—Second semester of fifth and sixth years.

INTERNAL MEDICINE

Professors Crummer (Chairman), W. O. Bridges, Milroy, 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, Grodinsky, McGee, Prichard, Rubnitz, Murray and Heustis.

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 (10 a, b), 1 hour quiz. Total 51 hours. First semester, fifth year.

4. **Physical Diagnosis**—Course 3 continued. Two hours clinic (12 a,b). Total 34 hours. Second semester, fifth year.

5. **Internal Medicine**—This course consists of didactic and quiz work. The class is divided into sections so that the student and instructor may come in closer contact. Definite assignments are made in text books. Oral and written quizzes determine the standing of the student. There are occasional lectures by the instructor to cover advances in medicine not found in the textbooks. Four hours weekly. Total 68 hours. First semester, fifth year.

6. **Internal Medicine**—Course 5 continued. Four hours weekly. Total 68 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. Two lectures a week. Total 32 hours. First semester, sixth year.

8. **Sanitation**—[See Pathology 7].

9. **Medical Conference and 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 10 hours. Second semester, sixth year.

10. **Internal Medicine Clinics**—First semester. Fifth year.  
a. University Hospital. Two hours. Total 17 hours.  
b. University Hospital. Two hours. Total 17 hours.  
f. Dispensary and Clinical Clerk Service.  
11. **Internal Medicine Clinics**—First semester. Sixth year.  
c. University and Methodist Hospitals. Total 34 hours.  
d. University Hospital. Total 34 hours.  
f. Dispensary and Clinical Clerk Service.
   a. University Hospital. Total 17 hours.
   b. University or Douglas County Hospital. Total 17 hours.
   f. Dispensary and Clinical Clerk Service.

   c. University Hospital. Total 34 hours.
   d. University Hospital or Methodist Hospital. Total 34 hours.
   f. Dispensary and Clinical Clerk Service.


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.

LARYNGOLOGY AND RHINOLOGY
Professor Owen (Chairman), Doctors Knodle, Potts, Rubendall, Wherry, J. C. Davis, E. D. Johnson, D. R. Owen, F. S. Owen

1. Physiology and Appearance of Nose, Throat and Larynx—Examination of each with special reference to the normal. Use of instruments. One hour lecture and demonstration. Total 16 hours. First semester, fifth year.


3. Diseases of Nose and Throat—One hour clinic. First semester, sixth year in sections.

4. Diseases of Nose and Throat—One hour clinic. Second semester, sixth year in sections.

5. Dispensary—Services of one month. First semester, fifth and sixth years.

6. Dispensary—Course 5 continued. Second semester, fifth and sixth years.

MEDICAL JURISPRUDENCE
Mr. Thomas, Mr. Hascall

1. Medical Jurisprudence—Physicians' contracts, general medico-legal relations. Expert testimony. Malpractice. Injuries and
Nervous and mental diseases.

NERVOUS AND MENTAL DISEASES

Professor Young (Chairman), Assistant Professor Wigton

The course in nervous and mental diseases which extends throughout 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.


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.


7. Dispensary—Out-patient clinic. Histories taken and cases worked up by students assigned to individual patients. First semester, sixth year.

8. Dispensary—Course 7 continued. Second semester, sixth year.
OPHTHALMOLOGY AND OTOLOGY

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


4. Diseases of the Eye and Ear—Lectures and clinics at University and Methodist Hospitals. Cases followed by clinical clerks on service. Treatment and diagnosis. One hour. Total 24 hours. First semester, sixth year.


6. Ophthalmoscopy—Course designed to meet demands of ophthalmoscopic diagnosis in internal medicine. 12 hours. Elective for sixth year students.

7. Dispensary—Fifth and sixth years.

ORTHOPEDIC SURGERY

Professor Lord (Chairman), Doctor Schrock


PATHOLOGY AND BACTERIOLOGY

Professors Eggers (Chairman), Keegan, Assistant Professor Myers, Dr. Weinberg 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 class room and laboratory. 140 hours laboratory, 80 hours class work. Second semester, fourth year.

4. Laboratory Diagnostic Methods—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. Total 112 hours: 64 hours laboratory, 48 hours class work. First semester, fifth year.

6. (a) Clinical Pathological Conferences—Post-mortem and case analysis with specimens presented in thesis form. Clinical pathological, anatomical and physiological interpretation given in collaboration with the departments of medicine, anatomy and physiology. Total 60 hours. First semester, sixth year.

6. (b) Clinical Pathological Conferences—Course 6 (a) continued. Total 60 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. 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 and Moore, Doctors Iwerson and Bantin

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

2. Communicable Diseases—32 hours. First semester, fifth year.

4. (a) Diseases of Nervous System—8 hours. First semester, sixth year.
   (b) Tuberculosis—8 hours. First semester, sixth year.

5. (a) Clinic—University Hospital. First semester, fifth and sixth years.
   (b) Clinic—University Hospital. Second semester, sixth year.
   (c) Section groups Child’s Saving Institute.
   (d) Section groups on Welfare Stations. 51 hours.

**PHYSIOLOGY AND PHARMACOLOGY**

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

A study of vital phenomena presented with special reference to their medical bearing. The time allotted to the general course is spent in class conferences and in laboratory experimentation. In addition to imparting information, stress is laid upon training 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 as far as is possible, an intimate knowledge of physiological and pharmacological processes.

The fundamental pharmacologic facts acquired by the student in the laboratory and further elaborated by lectures and demonstrations serve in establishing a rational basis to guide him in the employment of medicinal substances in the treatment of disease.

1. **General Course in Physiology**—Lectures, conferences, quizzes, preparation of themes, assigned reading and the preparation of abstracts from current literature. Total 86 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**—Action of drugs studied by means of lectures, demonstrations and quizzes, constant reference made to results obtained in the laboratory. Students drilled in practical prescription writing. Five hours a week throughout the semester. Total 68 hours. Second semester, fourth year.

4. **Experimental Pharmacology.**
   (a) Pharmacy. Practical instruction in the principles of compounding, dispensing and administering medicinal agents. Five weeks, two laboratory periods, three hours each. Total 30 hours. Second semester, fourth year.
(b) Pharmacodynamics. Action of drugs on laboratory animals. Bio-assay of drugs. Technique of physiological standardization of digitalis,aconite,cannabis,suprarenal gland, pituitary extracts and ergot. Twelve weeks, two laboratory periods, three hours each. Total 72 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, Delmer Davis, Herbert Davis, Weinberg, Greenberg, A. D. Davis, McAvin and Miller.

The course in surgery aims to give the students a thorough 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.

1a. Principles of Surgery—Recitation and quiz course on asepsis and antisepsis, anaesthesia, repair, surgical fevers, suppuration, gangrene, thrombosis, embolism, septicemia, wounds, etc. Two hours quiz. Total 34 hours. First semester, fifth year.

1b. Principles of Surgery—Course 1a continued. Tumors and morbid growths, description, differentiation, manifestations, operative methods of treatment. Two hours. Total 34 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. **Surgical Pathology**—Lectures and clinic. Special emphasis on non-operable growths. Total 17 hours. Second semester, sixth year.

8. **Experimental Surgery**—A course 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. **Surgical Clinics**—First semester, fifth year.
   a. University Hospital. One hour. Total 17 hours.
   b. University Hospital. One hour. Total 17 hours.
   c. University Hospital. Four hours. Total 68 hours.
   d. Dispensary Service.

10. **Surgical Clinics**—First semester, sixth year.
    c. University Hospital. Four hours. Total 68 hours.
    d. Dispensary and Clinical Clerk Service.

11. **Surgical Clinics**—Second semester, fifth year.
    a. University Hospital. Three hours. Total 25½ hours.
    b. University Hospital. Three hours. Total 25½ hours.
    c. Extra-mural Hospital. Two hours. Total 34 hours.
    d. Dispensary Service.

12. **Surgical Clinics**—Second semester, sixth year.
    d. University Hospital. Four hours. Total 68 hours.
    e. Dispensary and Clinical Clerk Service.

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.


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 analyzing cases for therapeutic indications. Two hours recitation. Total 32 hours. Second semester, fifth year.

2. Clinical Therapeutics—Course 1 continued. Total 32 hours. First semester, sixth year.

3. Therapeutics—X-ray, radium, ultra-violet light, electro-therapeutics. Lectures and demonstrations, 18 hours. First semester, sixth year.

4. Therapeutics—Massage, hydro-therapy and mechano-therapeutics. Lectures, demonstrations and clinics, 20 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., 18 hours. Second semester, sixth year.

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

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

4. Dispensary—Four hours each week in dispensary clinic devoted to acute urological conditions. Total 34 hours. Second semester, fifth year.
5. Clinic—Weekly clinic, one hour, devoted to diagnosis and surgery of diseases of the urogenital tract. Total 17 hours. First semester, sixth year.

6. 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.

7. Dispensary—Four hours each week in dispensary devoted to acute urological conditions. Total 34 hours. First semester, sixth year.
REGISTRY OF STUDENTS, 1922-23

In Omaha

Sixth Year

Allen, James G........................................Auburn
Atwood, Henry Smith................................Omaha
Barron, Homer M......................................Kearney
Baumgartner, Conrad John Louis..................Murdock
Bedwell, Ivy Clare..................................Purdin, Mo.
Bodemer, Herman Charles............................Omaha
Bratt, Mary...........................................Arapahoe
Broyles, Elizabeth Louise.........................Bethany, Mo.
Bratt, Mary...........................................Arapahoe
Church, Burt T........................................University Place
Dahlgren, Roland W................................Los Angeles, Calif.
Dau, Neil J............................................Fresno, Calif.
Eller, Warren Herbert..............................Lincoln
Elston, Harry Richard...............................Columbus
Gentry, W. Max......................................Gering
Goldstone, Joe........................................Omaha
Graham, William Wayne................................Julian
Hille, Richard W....................................Norfolk
Hinkle, Warren L....................................Bigelow, Mo.
Hoover, John Roderick Chase......................Haddam, Kans.
Jackson, John Ernest................................Looking Glass, Ore.
Jahr, Herman M.....................................New York City
Jensen, Arnold L.....................................Council Bluffs, Ia.
Johnson, Hannah C..................................Albion
Judd, Walter H......................................Rising City
Kaminsky, Jacob......................................Brooklyn, N. Y.
Kantor, Dominick Benjamin........................Loma
Kohn, Frank..........................................Beaver City
Kostal, Otto Alvin..................................Omaha
Kraulik, Lambers................................Schuyler
Kretzler, Harry H..................................Lewellen
Lawyer, Paul Carey..................................Los Angeles, Calif.
Leininger, Earl F....................................Sargent
Macasa, Demetrio C................................Kanbankalaue, P. I.
Margolin, Morris....................................Omaha
Miller, Early Edgar................................Verdon
Munk, Frank J........................................Omaha
Moates, Guy Hart................................Norfolk
Moritz, Allen Richard..............................Seward
Nelson, Cedric Henry...............................Billings, Mont.
Nelson, Frank Arleigh....................................Burley, Idaho
Obias, Mirardo P.......................................San Jose, Camarines, P. I.
Owens, Charles Austin..................................Omaha
Peters, Claude F.........................................North Platte
Pool, Miriam M...........................................Neosho, Mo.
Pratt, Willard Munson..................................Lincoln
Reils, Edwin A...........................................Omaha
Reinsh, Ernest Robert..................................Omaha
Riddell, Ted Eugene.....................................Columbus
Rogers, John B...........................................Shelbina, Mo.
Rorer, Emily M...........................................Omaha
Rozell, Jennie Belle......................................Indianola
Ruffolo, Hercules.......................................New York City
Sealey, Henry J...........................................Des Moines, Ia.
Sedlacek, Bretislav......................................Omaha
Shirley, Ralph W.........................................Daykin
Soberano, Fernando.....................................Valladolid, P. I.
Stahr, Harry Sophus.....................................Sioux City, Ia.
Steinberg, Abraham.....................................Omaha
Stroy, Herbert E.........................................Lincoln
Taylor, Walter Roberts..................................Lincoln
Vance, William Brooks..................................Omaha
VinSant, Vester Ray....................................Pawnee City
Waddell, Dean Quigley..................................Los Angeles, Calif.
Warner, Sophia E. Alice.................................Haigler
Zulauf, Walter Christian...............................Jackson

Fifth Year

Anderson, Frank Russell................................Lincoln
Babcock, Jay Blaine......................................Lincoln
Bantin, Clarence Frederick..............................Omaha
Bare, Norton H...........................................Clearwater
Bennett, Howard Hasbrouck...............................Hot Springs, S. D.
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......................................Omaha
Clark, George L..........................................Lincoln
Conrad, Paul Edgar......................................Sabetha, Kans.
Custer, Lawrence R......................................Fremont
<table>
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<tr>
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<tr>
<td>Dunn, Austin Gibbons</td>
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<td>Everts, Glenn Stearns</td>
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<td>Judd, John Hewitt</td>
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<td>Lear, William Dale</td>
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<td>Lutton, John Dudley</td>
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<td>Mountford, Forrest Alton</td>
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<td>Stewart, Fletcher Clark</td>
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<td>*Talcott, Horace Valdo</td>
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<td>Trimble, Chester</td>
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<td>Turner, J. Harvey</td>
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<td>Wright, William Elza</td>
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*Deceased.
Fourth Year

Anderson, Harley Eric .................................. Omaha
Barritt, John Lemuel ..................................... Union
Bennett, Clyde Rolland .................................. Omaha
Bennett, Thomas Wade .................................... Beaver Crossing
Beymer, Charles Bishop .................................. Rydal, Kans.
Bilon, Louis V ............................................. Grand Island
Binger, Melvin William .................................... Crete
Brehm, Paul Albert ........................................ Lincoln
Burnett, Francis K ........................................ Clarinda, Ia.
Buzza, Mildred ............................................. Council Bluffs, Ia.
Carveth, Walter William ................................... Lincoln
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
Emerson, Edward C .......................................... St. Paul, Minn.
Fahrenbruch, Frederick Donald ......................... Culbertson
Farner, Bennie Raymond .................................. Stuart
Fleishman, Jack S .......................................... Omaha
Folsom, Clarence Hugo .................................... University Place
Forney, 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
Green, Carl Raymond ...................................... McCool Junction
Gross, John Isador ........................................ Omaha
Grower, Julius H ............................................. Omaha
Hansen, George M .......................................... Omaha
Hartford, Thomas James .................................. Valley
Hawkins, Leland Potts ..................................... DuBois
Horton, William O .......................................... Newcastle, Wyo.
Hull, Eunice Ruth .......................................... Central City
Ira, Gordon H ................................................. Lynch
Johnson, Chester Frederick ............................... Omaha
Kintner, Arthur Ruel ...................................... Weeping Water
Kroehler, Robert Andrew .................................. Plattsmouth
<table>
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<th>Name</th>
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<tr>
<td>Kuhlmann, Frederick William</td>
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<td>Sirca, Dionisie</td>
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<td>Smernoff, Meyer</td>
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<td>Wisconsin Rapids, Wis.</td>
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<td>Steven, Robert Alexander</td>
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<td>Sugang, Felipe Parco</td>
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<td>Sundberg, Rudolph Herbert</td>
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<td>Weaver, Ralph Lowell</td>
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<td>Weber, J. A.</td>
<td>Bradshaw</td>
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<td>Weymuller, Louis Ernest</td>
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<td>Wiggins, Caryl W.</td>
<td>Exeter</td>
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<td>Wikstrom, John Floyd</td>
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<td>Wilmoth, Luther Harmon</td>
<td>Omaha</td>
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</tbody>
</table>
THE UNIVERSITY OF NEBRASKA

Wilson, Donald Jasper .................................. Ashland
Worden, Donald King .................................. Cozad
Youngren, Everett R. .................................. Minneapolis, Minn.
Zarbaugh, Guy Frederic ................................ Lincoln

Third Year

Albertson, Miriam Alverta ................................ Carleton
Andersen, Thanning Wilhelm ............................ Bowlus, Minn.
Bain, Clarence Lorimer ................................ Omaha
Barger, Panzy Louise ................................... Tarkio, Mo.
Bitzer, Donald A. ........................................ Fairbury
Bonesteel, Harry Samuel ................................ Denver, Colo.
Breckenridge, Walter Reid .............................. Yuma, Colo.
Brown, Cyril Carroll ..................................... Fairmont
Brown, Elizabeth Mary ................................ University Place
Brown, Roy Hall .......................................... Springview
Carter, Lester ............................................ Thermopolis, Wyo.
Catania, Nancy ........................................... Omaha
Conner, Elwin I. .......................................... Glidden, Ia.
Crabtree, William Floyd ................................ Haigler
Cross, Roe Rufus ......................................... Reading, Kans.
Davidson, Lawrence Leroy .............................. Edgemont, S. D.
Dickson, James Charles ................................ Omaha
Dixon, Chester Darwin ................................... Tekamah
Delano, Herman Stevens ................................. Lincoln
Dent, Townsend Edward ................................ North Platte
Dunbar, William Vernon ................................ Comstock
Dunham, Lawrence Hilton ............................... Normal
Eagleton, John Theodore ................................ Decatur
Eychaner, George A. ...................................... Omaha
Fenton, Jerry H. .......................................... Lincoln
Gilfry, Ralph Atherton ................................ Omaha
Hansen, Nels Marius ...................................... Omaha
Harris, Arthur S. .......................................... Loomis
Higgins, Curtis Dwight ................................ Benkelman
Henry, Orville Hamilton ............................... Albert Lea, Minn.
Herrmann, Walter Wesley ................................ Lincoln
Hogboom, Louis Vernon ................................ Moorefield
Hoover, Ladd .............................................. Haddam
Jefferson, Roland Alfred ................................ Omaha
Joyner, Nevill .............................................. Pine Ridge, S. D.
Katskee, Edwin ............................................ Omaha
Kirk, Esley Joseph ........................................ Omaha
Kirkegaard, Smith Christian ......................... Aurora, Colo.
Klein, Jennings Bryan ................................... Adams
Koch, Lewis Alfred ............................................ Cozad
Kreuger, Frederick William ..................................... Gilead
Kunkel, Gerald Milton ......................................... Harvard
Lacey, Verne L .................................................. Des Moines, Ia.
Lee, Lawrence Dewey ........................................ Greenwood
Lewis, Ernest Verdon ........................................ Beaver City
Lewis, George Kenneth ......................................... Crofton
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 ......................................... Omaha
Macauley, Bernard Joseph ...................................... Clearwater
Mandel, Charles .................................................. New York City
Maxwell, Eugene Blake .......................................... Omaha
Miller, Bradford Walter ......................................... Omaha
Millhouse, John Howard ........................................ Sumner
Mitchell, Charlotte Anne ........................................ David City
Newton, Raymond Alwyn ........................................ Hollinger
Nielsen, Juul Christian .......................................... Omaha
Novak, Lumir Frank .............................................. Howells
Novak, William Fred ............................................ Howells
O’Sullivan, Margaret Josephine ................................ Omaha
Oakes, Charles Willis ............................................ Kirkman, Ia.
Orvedahl, Frederic William .................................... Flandreau, S. D.
Ovehoft, Richard Hollis .......................................... Peru
Pace, Paul Theron ................................................ Guide Rock
Peterson, Ellen .................................................... Blair
Rachmel, William ................................................ Los Angeles, Calif.
Read, Paul Stowell .............................................. Kirwin, Kan.
Robertson, George E ............................................ Omaha
Robinson, Louis Lester ........................................ Omaha
Roos, Denver Dunbar ......................................... College View
Rowley, Larie Guy ................................................. Omaha
Rypins, Edwin R ................................................ Omaha
Schulz, Reuben Zeitan ........................................ Brownton, Minn.
Shramek, Charles John ......................................... Omaha
Sims, George P ..................................................... Omaha
Sorensen, Regnar Michael ....................................... Atlantic, Ia.
Stahly, Edward Harry ........................................ Milford
Standter, Theodore Calvert .................................... Louisville
Street, Maurice Harold ......................................... Omaha
THE UNIVERSITY OF NEBRASKA

Tennant, Hardin Sherman .................................. Pawnee City
Thornell, Joseph Browning .................................. Council Bluffs, Ia.
Tracey, Harold E .................................. Adams
Walters, Stanley James .................................. Omaha
Ward, Carl Fletcher .................................. St. Paul, Minn.
Ware, Austin Anderson .................................. Omaha
Wegner, Carl Reinard .................................. Loveland, Colo.
Wegner, Walter Robert .................................. Loveland, Colo.
Weiss, Victor Johannes .................................. Eustis
Williams, Charles Rollin .................................. University Place
Yabroff, Samuel William .................................. Wichita, Kans.
Wynegar, David Edgar .................................. University Place

Specials

Carter, Lester .................................. Thermopolis, Wyo.
Lau Bach, Herbert George .................................. Scottsbluff
Leggett, Elizabeth .................................. Fairfield, Ia.
Morehouse, Marguerite .................................. Council Bluffs, Ia.

REGISTER OF STUDENTS, 1922-23

In Lincoln

Second Year, Six-Year Combined Course

Abbott, Hudson Alexander .................................. Minden
Ackerman, Walter Herman .................................. Fairbury
Adkisson, Hubert Julius .................................. Rising City
Albin, Henry Albert .................................. Osceola
Arkwright, Max Richard .................................. Beatrice
Bennett, William Edward .................................. Sidney
Bloom, Clifford Marion .................................. Oxford
Boldwin, Earle Cleo .................................. Omaha
Brazda, Adolph William .................................. Dodge
Browning, Donald Lawton .................................. Webber, Kans.
Burkett, Donald Edwin .................................. David City
Burr, Raymond B .................................. Omaha
Callander, Loyd .................................. Diller
Cameron, John Andrew .................................. Falls City
Coats, Robert McNamara .................................. Boise, Idaho
Cram, Roy Spencer .................................. Burwell
Creelius, Erwin Darwin .................................. Lincoln
Dahlberg, Joseph Nathaniel .................................. Lincoln
Davis, Almond Demoin .................................. Dorchester
Dean, Jason Archie .................................. Bradshaw
Dean, Joseph Oliver .................................. Long Island, Kans.
Dewey, Leonard Adolph .......................... Fairmont
Dorwart, Harry Edward .......................... Friend
Dunker, Richard William .......................... Lincoln
Edens, Alfred Felix ............................. Battle Creek
Endres, Greggor Lawrence ..................... Omaha
Estill, Robert Reeve ............................. Bridgeport
Follmer, George Crawford ..................... Omaha
Fonda, Doris Elsie ............................... St. Edward
Frasier, Earle Francis .......................... Mason City
Garrison, William Patten ...................... Beatrice
Gelvin, Raymond Emmanuel .................... Frankfort, Kans.
Gibbon, Paul Davies ............................. Dunbar
Graham, James William ......................... Dakota City
Green, Charles Joseph .......................... Omaha
Griess, Alfred Henry .......................... Sutton
Hald, Edmund Frederic ......................... Phillips
Haykin, Harry D. ............................... Omaha
Hill, James Renwick ............................ Omaha
Hodges, William Marcus ....................... West Point
Hoeger, Hobart Richard ....................... Sterling
Horr, Harry ....................................... Frankfort, Kans.
Hughes, Judson Martin ......................... Omaha
Hunt, Carson Edward ........................... Fairbury
Johnson, Carl Henry ........................... Wausa
Jones, Tyre Kenneth ........................... Ainsworth
Kent, Clifford Foster .......................... Lincoln
Kimbrell, Earl Dewey .......................... Scottsbluff
Klingeman, James Leslie ....................... Papillion
Labaree, Lewis Vaughan ....................... Julesburg, Colo.
Lamb, Milton Mason ............................ Tecumseh
Limjoco, Conrado Trivino .................... Philippine Islands
Liska, Edward Joseph .......................... Swanton
Loder, Roland Henry ........................... Lincoln
Lorance, Ralph Charles ......................... Auburn
Lukens, Isaiah, Jr. ............................. Tekamah
MacDonald, John Tennyson .................... Burton
Macagaba, Rufino Nisperos .................. Philippine Islands
Mangold, Leonard Arthur ..................... Bennington
Matchett, Foster Louis ......................... Lincoln
Michelmann, Hans Frederick ................ Grand Island
Miller, Arthur Weston ........................ Omaha
Minkin, Rose Rena ............................... New York City, N. Y.
Minster, Daniel M ............................... Gibbon
Mitchell, Lloyd Perry ............................................ Lincoln
Moore, Bertell Winfred .......................................... Bayard
Moore, Walter Price ............................................... DuBois
Morrison, Arlo Alfred ............................................. Buhl, Idaho
Munger, Samuel Johnston .......................................... Spencer, Ia.
Murdock, Harry Merrill .......................................... Omaha
Musfelt, William Stanley .......................................... Long Pine
Nelson, Chester Martin ............................................ Lincoln
Nichols, Neva Fern ................................................ Davenport
Neinhueser, Louise Marie ......................................... Chester
Nutzman, Charles Lindsay ......................................... Fairbury
Panek, Edward Vaclav ............................................. Kearney
Parmelee, Ernest Banes ........................................... Butte, Mont.
Petersen, Daggmar Hasseltine ................................... Peru
Petersen, John C. ................................................... Geneva
Phelps, Merwin Owen ............................................... Superior
Probst, Rupert Clemont ............................................ Sargent
Pyle, Bert William ................................................ Pawnee City
Render, Davis Norman ............................................. Valentine
Rice, Raymond Maine .............................................. Parma, Idaho
Sanderson, Robert Burns .......................................... Stillwell, Ill.
Scholz, Theodore Reignholdt ................................... Lincoln
Seeley, Sam Foster ................................................ Lincoln
Shaw, Wilfred Lyle ................................................ Omaha
Steere, Richard Amos ............................................... Sheridan, Wyo.
Steffens, Ralph Stanley ........................................... Windom, Minn.
Stewart, Alfred Willard ........................................... Mitchell
Thomas, Grace Fern ................................................ Lincoln
Tipton, Paul Wayne ................................................ Tabor, Ia.
Trautman, Frederick George ................................... College View
Unsell, David Henry ............................................... Chanute, Kans.
Walters, Viola Groff ............................................... Lincoln
Wanamaker, Ambrose Roy ......................................... Hamburg, Ia.
Wearnor, Arthur A. ................................................ Denver, Colo.
Whalen, Joseph Francis ........................................... Little Rock, Ark.
Wiebe, Frank Edward ............................................... Beatrice
Wilson, Merton Clarke ............................................ Soldier, Kans.
Wise, Ernest Earl ................................................... Ord
Zimmerman, Joseph Alfred ....................................... Lincoln

First Year, Six-Year Combined Course

Abbott, Dee L. ...................................................... Long Island, Kans.
Agersborg, Trygne Henry A. .................................... Lincoln
Anderson, Chauncey Leroy ........................................ Stromsburg
Anderson, Otis Lean ..................................................... Lincoln
Armitage, Albert Constant ............................................ Culbertson
Berry, James Gustave ..................................................... Omaha
Borre, Helge ................................................................. Blair
Brawner, Glenn LeRoy ..................................................... Fairbury
Bridges, Floyd Hall ........................................................ University Place
Busby, Lauren Fletcher ..................................................... Belden
Campbell, Reed Harvey .................................................... Columbus
Carlson, Virgil Roland ..................................................... Ong
Casten, Virgil Glenn ........................................................ Grafton
Cavanaugh, Mary Rose .................................................... Bloomington
Coats, Edwin Albert ....................................................... Lincoln
Coufal, Robert Albert ...................................................... Omaha
Dodd, Wendell Shoemaker ................................................ Randolph, Ia.
Drake, Eden Kenneth ..................................................... Bridgeport
Dwyer, Howard Andrew ................................................... Plattsmouth
Ehlers, Orrin Cecil ........................................................... Omaha
Everett, Arthur Reginald ................................................... Omaha
Fahnstock, Margaret Josephine .......................................... Lincoln
Finnigan, Thomas Joseph .................................................. Lincoln
Fischer, Adolph Frederick ................................................ Hickman
Fitzsimmons, George Chauncey ......................................... Albion
Gemoets, Henry Napoleon ................................................. Herman
Giffin, Robert Luman ....................................................... Cheyenne, Wyo.
Gustin, Plomer Julius .................................................... Lincoln
Hair, Ward Alton .............................................................. Unadilla
Hall, Howard Aaron .......................................................... Bladen
Hammell, Rue J ............................................................... Marion
Hamsa, William Rudolf ..................................................... Clarkson
Hay, William Edwin .......................................................... Laurel
Heileen, William Edward .................................................. Harlan
Hepperlen, Joseph Price ................................................... Beatrice
Hervert, William James ..................................................... Lincoln
Hopkins, Howard L .......................................................... Elgin
Howard, Harvey, Jr .......................................................... Albion
Howard, Lester Keith ...................................................... Orchard
Hughes, Darius Parvin ..................................................... Lincoln
Hustead, Theodore Edward .............................................. Aurora
Jones, Leonard John .......................................................... Carroll
Kerr, William Hawley ...................................................... Randolph
Kirkwood, Mary Inez ........................................................ Lincoln
Kohler, Lloyd Milo .......................................................... Flandreau, S. D.
Kopac, Milan James .................................... Ravenna
Kotinek, George Matthias............................ Lawrence
Krieg, Wendell Jordan ................................ Lincoln
Lanspa, Joseph Albert................................. David City
Larson, Harold Vinton ................................. Plankinton, S. D.
Leaming, Jude Willis ................................ Lincoln
Leon, Tim Daniel ...................................... Lincoln
Lewis, Raymond Gerald ................................ Fairfield
Lindblad, Frances Genevieve ....................... Lincoln
Lloyd, Lowell Clyde .................................. Kennecott, Alaska
Lucas, Charles Sinclair ............................. Shelton
Lundt, Theodore H.................................... Blair
McCallum, Wayne Duncan .......................... Wauneta
McGuire, Paul John ................................ David City
Mackey, Clarence, Jr ................................ Ansley
Malcolm, Donald Claude ............................. Lincoln
Metheney, Ralph Samuel .............................. Lincoln
Miller, Jesse Walter .................................. Denton
Misko, John Perry ...................................... Ord
Moritz, John Richards ................................. Seward
Mulligan, Arthur Montgomery ..................... Beatrice
Murphy, Iva Glene ................................... Lincoln
Myers, Hugh Haddly .................................. Sargent
Nedom, Karl Rinehart ................................. Lincoln
Newton, Timothy Frederick ......................... Lincoln
Nutzman, Fred William ................................ Fairbury
Olson, Edgar Louis .................................. Lincoln
Perlman, Everett Cohen ............................. Lincoln
Peterson, Arthur Edward ............................ Polk
Phinney, John Lawton ................................ Lincoln
Piper, Floyd Philip ................................... Havelock
Popelar, Melville Valerian ......................... Lincoln
Porter, Steven Alfred ................................ Lincoln
Preston, Robert Lewis ................................. Fremont
Pullen, Ellis Albert .................................. Eustis
Quevedo, Eugenio Ver ................................ Philippine Islands
Rosengren, Robert William ......................... Omaha
Saxton, Alton Joseph ................................. Lincoln
Shook, Mildred Dorothy .............................. Shubert
Smith, Floyd Albertson .............................. Lincoln
Smith, Jerome Hartsel ............................... Lincoln
Sorensen, Alfred ..................................... Kimballton
Teal, Frederick Franklin ............................. Lincoln
Tiehen, Alex ........................................ Dawson
Tool, Richard Everett ................................ Murdock
Udan, Juan Gallardo .................................... Philippine Islands
VanValin, James Clark .................................. Lincoln
Woods, Millard T. ....................................... Lincoln
Worthman, Herbert Westbrook .......................... Louisville
Yoshimura, Kaname ........................................ Toyko, Japan
Zierott, Leroy Loyd ....................................... Hampton

Specials

Closson, Harold Otis ................................. Columbus
Milow, Edgar Fred ..................................... Lincoln