1904

Bulletin of the University of Nebraska: Annual Catalog of the College of Medicine, 1904-1905

University of Nebraska College of Medicine

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The University of Nebraska

College of Medicine

Announcement

1904-1905

June, 1904
THE UNIVERSITY PRESS
Lincoln, Neb.
The bulletins of the University are issued one or more every month during the college year. One each is issued for the Graduate School, the College of Literature, Science and the Arts, the Industrial College, the College of Law, the College of Medicine, and the schools of Art, Agriculture, Domestic Science, Mechanic Arts, and Music. The bulletins are entered at the Lincoln post-office as second-class matter. They are furnished gratuitously, postage paid, to all who apply for them. In asking for bulletins, name the department of the University concerning which information is desired. Address

THE REGISTRAR,
THE UNIVERSITY OF NEBRASKA,
Lincoln, Nebraska.
CALENDAR
THE COLLEGE OF MEDICINE
FOR THE WORK IN LINCOLN

1904

September 20 Tuesday First Semester begins.
September 20-23 Tuesday–Friday Entrance examinations and registration.
September 24 Saturday Opening address by the Chancellor.
November 23 Wednesday, 6 P.M. Thanksgiving recess begins.
November 28 Monday, 8 A.M. Thanksgiving recess ends.
December 13 Tuesday Regular meeting of the Board of Regents.
December 21 Wednesday, 6 P.M. Christmas vacation begins.

1905

January 4 Wednesday, 8 A.M. Christmas vacation ends.
January 23–27 Monday–Friday First Semester examinations. Examination and registration for the second Semester.
January 30 Monday Second Semester begins.
February 15 Wednesday Charter Day.
                      Ninth Mid-winter Commencement.
                      Regular meeting of the Board of Regents.
April 11 Tuesday Regular meeting of the Board of Regents.
April 19 Wednesday, 6 P.M. Easter recess begins.
April 26 Wednesday, 8 A.M. Easter recess ends.
FOR THE WORK IN ОМАHA

1904

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 20</td>
<td>Tuesday, 8 P. M. Opening address.</td>
</tr>
<tr>
<td>September 21</td>
<td>Wednesday Lectures begin.</td>
</tr>
<tr>
<td>November 23</td>
<td>Wednesday, 6 P. M. Thanksgiving recess begins.</td>
</tr>
<tr>
<td>November 28</td>
<td>Monday, 8 A. M. Thanksgiving recess ends.</td>
</tr>
<tr>
<td>December 23</td>
<td>Friday, 6 P. M. Christmas vacation begins.</td>
</tr>
</tbody>
</table>

1905

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>January 2</td>
<td>Monday Christmas vacation ends.</td>
</tr>
<tr>
<td>January 23-27</td>
<td>Monday-Friday First Semester examinations.</td>
</tr>
<tr>
<td>January 30</td>
<td>Monday Second Semester begins.</td>
</tr>
<tr>
<td>February 22</td>
<td>Wednesday Washington’s birthday—holiday.</td>
</tr>
<tr>
<td>May 12</td>
<td>Friday All lectures end.</td>
</tr>
<tr>
<td>May 13-23</td>
<td>Saturday-Tuesday Examinations.</td>
</tr>
<tr>
<td>May 25</td>
<td>Thursday Commencement.</td>
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</tbody>
</table>
THE UNIVERSITY

THE UNIVERSITY OF NEBRASKA includes the following colleges and schools:

THE GRADUATE SCHOOL. Courses leading to the degree of Master of Arts and Doctor of Philosophy.

THE COLLEGE OF LITERATURE, SCIENCE AND THE ARTS. A four years' course leading to the degree of Bachelor of Arts.

THE INDUSTRIAL COLLEGE (including the agricultural, engineering, and scientific groups). A four years' course leading to the degree of Bachelor of Science.

THE COLLEGE OF LAW. A three years' course leading to the degree of Bachelor of Laws.

THE COLLEGE OF MEDICINE. A four years' course leading to the degree of Doctor of Medicine.

THE SCHOOL OF FINE ARTS. Instruction in drawing, painting, wood-carving, modeling, etching, and the history of art.

THE SCHOOL OF MUSIC. Affiliated with the University. Instruction in all grades of instrumental and vocal music.

THE SCHOOL OF AGRICULTURE. A secondary school training primarily for practical farm life.

THE SCHOOL OF DOMESTIC SCIENCE. A secondary school teaching the principles of household economics.

THE SCHOOL OF MECHANIC ARTS. A secondary school teaching the principles of practical mechanics.

THE SUMMER SESSION. A six weeks' course primarily for teachers.

THE NEBRASKA EXPERIMENT STATION and the EXPERIMENTAL SUB-STATION at North Platte are also in charge of the Board of Regents.

The total attendance in 1902-1903 was 2,560.
THE FACULTY OF THE COLLEGE OF MEDICINE

ELISHA BENJAMIN ANDREWS, LL.D.
Chancellor and President of the University Senate
University Hall 102

HENRY BALDWIN WARD, Ph.D.
Dean of the College of Medicine and Professor of Zoology
Nebraska Hall 204

HAROLD GIFFORD, B.S., M.D.
Associate Dean of the College of Medicine and Professor of Ophthalmology and Otology
405 Karbach Block, Omaha

RICHARD CHANNING MOORE, M.D.
Professor of Diseases of the Mind
312 McCague Building, Omaha

DONALD MACRAE, M.D.
Professor of Railroad and Clinical Surgery
252 Merriam Block, Council Bluffs, Ia.

WELLINGTON SMITH GIBBS, M.D.
Professor of Principles and Practice of Medicine and Clinical Medicine
202 Brown Block, Omaha

EWING BROWN, M.D.
Professor of Didactic and Clinical Gynecology
1026 Park Avenue, Omaha

WILLIAM FORSYTH MILROY, M.D.
Professor of Clinical Medicine and Physical Diagnosis
312 McCague Building, Omaha

WILLSON ORTON BRIDGES, M.D.
Professor of the Principles and Practice of Medicine and Clinical Medicine
302 Bee Building, Omaha
WILLIAM HENRY CHRISTIE, M.D.
Professor of Materia Medica and Therapeutics
48 Barker Block, Omaha

AUGUST FREDERICK JONAS, M.D.
Professor of the Practice of Surgery and Clinical Surgery
18 Continental Block, Omaha

HARRY MONROE McCLANAHAAN, A.M., M.D.
Professor of Pediatrics
1312 North 40th Street, Omaha

OSCAR SAMUEL HOFFMAN, M.D.
Professor of Clinical Medicine
324 Bee Building, Omaha

BYRON BENNETT DAVIS, A.B., M.D.
Professor of the Principles of Surgery and Clinical Surgery,
202 Bee Building, Omaha

FRANK STYLES OWEN, M.D.
Professor of Laryngology and Rhinology
209 Karbach Block, Omaha

*HAMILTON BERNARD LOWRY, M.D., Ph.D.
Professor of Diseases of the Nervous System
Lincoln

DONALD MACRAE, JR., M.D.
Professor of Clinical Surgery
232 Merriam Block, Council Bluffs, Iowa

VERNON LAWRENCE TREYNOR, M.D.
Professor of Clinical Medicine
Baldwin Block, Council Bluffs, Iowa

ARTHUR CHARLES STOKES, M.D.
Professor of Chemistry and Instructor in
Genito-Urinary Surgery
213 McCague Building, Omaha

*Resigned.
THE UNIVERSITY OF NEBRASKA

ANDREW BARTHOLOMEW SOMERS, M.D.
Professor of Obstetrics
23 Continental Block, Omaha

SOLON RODNEY TOWNE, M.D.
Professor of Hygiene and State Medicine
22 Continental Block, Omaha

JOSEPH MELANCTHON AIKIN, M.D.
Clinical Professor of Nervous Diseases
401 Brown Block, Omaha

HANS PETER JENSEN, M.D.
Professor of Electro-Therapeutics
2804 Harney Street, Omaha

RAYMOND GUSTAVUS CLAPP, M.D.
Professor of Physical Education
Memorial Hall

FRANCIS ALBERT BROGAN, A.B., LL.B.
Professor of Medical Jurisprudence
412 New York Life Building, Omaha

HENRY HUDSON NICHOLSON, A.M.
Professor of Chemistry and Director of the Chemical Laboratories
Chemical Laboratory

CHARLES EDWIN BESSEY, Ph.D., LL.D.
Professor of Botany
Nebraska Hall 110

ROBERT HENRY WOLCOTT, A.M., M.D.
Associate Professor of Zoology and Demonstrator in Anatomy,
in Charge of the Anatomical Laboratory
Mechanic Arts Hall 300

WILLIAM HULL RAMSEY, M.D.
Assistant Professor of Anatomy
224 Bee Building, Omaha
THE COLLEGE OF MEDICINE

HERBERT HAROLD WAITE, A.M., M.D.
Assistant Professor of Bacteriology and Pathology
University Hall A

BENTON DALES, Ph.D.
Assistant Professor of Chemistry
Chemical Laboratory

GEORGE HAMLIN RICKNELL, M.D.
Adjunct Professor of Ophthalmology and Otology
405 Karbach Block, Omaha

FREDERICK DeFOREST HEALD, Ph.D.
Adjunct Professor of Plant Physiology
Nebraska Hall 102

PAUL HAGANS LUDINGTON, A.B., M.D.
Adjunct Professor of the Principles of Surgery
224 Bee Building, Omaha

ELMER JAMES UPDEGRAFF, M.D.
Adjunct Professor of the Practice of Surgery
19 Continental Block, Omaha

BENJAMIN FRANKLIN PARK, M.D.
Adjunct Professor of Obstetrics
600 Paxton Block, Omaha

ANNE BARR-CLAPP
Adjunct Professor of Physical Education and Director of
the Women's Gymnasium
Memorial Hall

WILLIAM ALBERT WILLARD, A.M.
Adjunct Professor of Zoology
Nebraska Hall 207

RALPH STAYNER LILLIE, Ph.D.
Adjunct Professor of Physiology
Nebraska Hall
THE UNIVERSITY OF NEBRASKA

AARON WELCH EDMISTON, M.D.
Instructor in Bandaging and Surgical Dressings
3 Creighton Block, Omaha

ALFRED OLAF PETERSON, A.M., M.D.
Instructor in Internal Medicine
16th and Howard streets, Omaha

AVINGTON ADAM EDGINGTON, M.D.
Instructor in Anatomy and Associate Demonstrator
16th and Howard streets, Omaha

RUFUS ASHLEY LYMAN, A.M., M.D.
Instructor in Physiology and Histology, in Charge
1105 Pacific Street, Omaha

GEORGE BROWN DANDY, M.D.
Instructor in Anatomy
Omaha

MARY LOUISE FOSSLER, A.M.
Instructor in Chemistry
Chemical Laboratory

PAUL KOERBER, M.D.
Instructor in Materia Medica and Therapeutics
Yutan

BURTON WHITFORD CHRISTIE, B.Sc., M.D.
Instructor in Pediatrics
48 Barker Block, Omaha

THOMAS TRUElsen, M.D.
Instructor in Physical Diagnosis
600 Paxton Block, Omaha

WILLIAM VERNON GAGE, M.D.
Instructor in Dermatology
208 Bee Building, Omaha

JAMES SAMUEL GOETZ, M.D.
Instructor in Internal Medicine
324 Bee Building, Omaha
CHARLES WHITNEY POLLARD, A.B., M.D.
Instructor in Obstetrics
409 Paxton Block, Omaha

FRANKLIN DAVIS BARKER, A.M.
Instructor in Zoology
Nebraska Hall 204

GEORGE MOGRIDGE, M.D.
Lecturer in Arrested Development
Glenwood, Iowa

AUGUSTUS DAVIS CLOYD, M.D.
Lecturer in Life Insurance Examinations
Woodmen Building, Omaha

ALFRED ONIAS HUNT, D.D.S.
Lecturer in Dental Surgery
12th and Pacific streets, Omaha

HIRAM WINNETT ORR, M.D.
Lecturer in History of Medicine
1238 O Street, Lincoln

LEE BRADLEY VAN CAMP, M.D.
Demonstrator of Anatomy
301 Paxton Block, Omaha

WILLIAM PENALUNA WHERRY, M.D.
Clinical Assistant in Laryngology and Rhinology
Omaha

CHARLES CAMPBELL MORISON, A.B., M.D.
Clinical Assistant in Surgery
Omaha

CHARLES WILLIAM McCORKLE POYNTER, M.D.
Quiz Master in Human Anatomy
1222 O Street, Lincoln

DAVID CLARK HILTON, A.M., M.D.
Assistant Demonstrator of Anatomy
Farmers and Merchants Building, Lincoln
DISPENSARY STAFF

INTERNAL MEDICINE

Doctor Gibbs  Doctor Milroy
Assistants: Doctor Trueison  Doctor Weymuller

SURGERY

Doctor Jonas  Doctor Davis
Assistants: Doctor Morison  Doctor Dandy

EYE AND EAR

Doctor Gifford  Doctor Bicknell
Assistant: Doctor Lemere

NOSE AND THROAT

Doctor Owen
Assistants: Doctor Lemere  Doctor Wherry

PEDIATRICS

Doctor McClanahan
Assistant: Doctor B. W. Christie

OBSTETRICS

Doctor Somers
Assistants: Doctor Park  Doctor Pollard  Doctor Arthur

GYNECOLOGY

Doctor Brown
Assistants: Doctor Park  Doctor Van Fleet

NERVOUS DISEASES

Doctor Lowry  Doctor Aikin
THE COLLEGE OF MEDICINE

DERMATOLOGY
Doctor Gage

GENITO-URINARY SURGERY
Doctor Stokes

SECRETARY OF THE CLINIC
Doctor Ludington

HOSPITAL APPOINTMENTS

Omaha Hospital .................. Robert Carpenter Panter, M. D.
Immanuel Hospital .................. Jay C. Decker, M. D.
Douglas County Hospital ........ Fred William Karrer, M. D.
THE COLLEGE OF MEDICINE

ORGANIZATION

By an agreement entered into in May, 1902, the Omaha Medical College became the College of Medicine of the University of Nebraska. The College thus incorporated into the University was founded in 1880 and has experienced strong and steady growth.

As an integral part of the University the College has been able to reorganize its work along the most advanced lines. The requirements for entrance have been placed on a level with those of the best medical colleges, thus preparing the student properly for the improved advantages at his disposal.

The work of the first two years is carried on at Lincoln, where the University places at the disposal of the student, in the first years of his study of medicine, advantages such as but comparatively few medical schools in the country offer. The University's laboratories, directed by men of thorough training and large experience, who devote their entire time to instruction and supervision, are well equipped with modern appliances.

The work of the last two years is done exclusively at the College in Omaha, the 200,000 population of which city and the adjoining communities affords unusual clinical facilities. These facilities the College is constantly strengthening.
ADMISSION

The College of Medicine offers courses leading to the degree of Doctor of Medicine. A student may pursue a combined collegiate and medical course, receiving at the end of four years the bachelor’s degree, and at the end of six years the degree of Doctor of Medicine.

Candidates are admitted by examination or on certificate from accredited high schools, academies, or colleges. Women are admitted on the same terms as men. The requirements for admission are stated below.

Although properly prepared students who cannot enter at the beginning of the year may be admitted later, all students who can possibly do so are urged to be present at the beginning of the year. Students entering late are at much disadvantage and cannot expect to finish the course within the minimum limit except by taking work in the Summer Session.

Applicants for admission present themselves to the registrar, who furnishes them with application blanks and directions for proceeding with their examinations, if any, with fee payments and registration.

An applicant presenting a certificate from an accredited school, academy, or high school is, without examination, admitted to any classes for which he is fully prepared. Any candidate for admission bringing credentials from a high school, college, or university not included in the list of schools accredited to this University must, upon making application, present his credentials to the registrar and be prepared to take such examinations as are prescribed.
A student desiring to ascertain whether or not he can be admitted to the freshman class without examination, should apply to the registrar for blank credential slips. When these are properly filled out and returned, he will be informed at once whether his credentials are or are not acceptable.

**Requirements for Admission**

For admission to the freshman class in the College of Medicine a candidate must present entrance "credits" equal to 26 "points" (see below) or a total of 130 recitation or credit hours. Conditional admission is permitted on the minimum of 20 credit points or 100 credit hours, but the student must remove all entrance requirements before he may be admitted to full sophomore standing.

A credit "point" presupposes the work of five recitations a week of not less than 40 minutes each during a period of at least 18 weeks. The requirements in detail are given below. The time element indicated with each subject is essential.

**Required Subjects—18 Points**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Points</th>
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<tbody>
<tr>
<td>Algebra (to simultaneous quadratics), 1 year, 5 hours a week</td>
<td>2</td>
</tr>
<tr>
<td>Geometry (Plane), 1 year, 5 hours a week</td>
<td>2</td>
</tr>
<tr>
<td>English Composition, 2 years, 5 hours a week</td>
<td>4</td>
</tr>
<tr>
<td>History (Greek and Roman or American), 1 year, 5 hours a week</td>
<td>2</td>
</tr>
<tr>
<td>Language (2 points must be Latin), 2 years, 5 hours a week</td>
<td>4</td>
</tr>
<tr>
<td>Science (physics, together with chemistry, botany, or zoology), 2 years, 5 hours a week</td>
<td>4</td>
</tr>
</tbody>
</table>

**Optional Subjects—8 Points**

In addition to these required subjects for which no substitutes are accepted, applicants must present evidence of
preparation in 8 points to be chosen from the following optional list:

- English, 1 year, 5 hours a week ......................... 2
- History, 3 years, 5 hours a week ....................... 6
- Language, 3 years, 5 hours a week ..................... 6
- Manual Training, 1 year, 5 hours a week .............. 2
- Mechanical Drawing, \( \frac{1}{2} \) year, 5 hours a week ........ 1
- Natural Science (botany, zoology), 1 year, 5 hours a week ... 2
- Physical Science (chemistry, physics), 1 year, 5 hours a week .... 2
- Trigonometry, \( \frac{1}{2} \) year, 5 hours a week .............. 1
- Astronomy
- Civics
- Geology
- Physical geography
- Physiology and hygiene
- Political economy

Requirements for admission to the six-year combined academic and medical courses are stated in the requirements for admission to the College of Literature, Science and the Arts, and the Industrial College of the University (see announcement for these colleges).

REGISTRATION

Students are required to register promptly at the beginning of each semester. A wider range of elective studies is offered at the beginning of the first semester than at the beginning of the second.

To promote prompt registration a registration fee of $3 is charged a student who, without good reason, fails to register during the first six week days of the semester. A like fee is charged for re-registration if made necessary by the student's fault. Any change whatever in a registration once made is regarded as a re-registration.
The College of Medicine

No regular student is registered for less than twelve (12) hours nor for more than eighteen (18) hours a semester without the dean’s permission.

A student taking the combined six-year course for the degree of Bachelor of Arts or Bachelor of Science and the degree of Doctor of Medicine must matriculate and register in the College of Medicine at the beginning of the third year’s work of the combined course and must regularly thereafter register as a student in the College of Medicine. If he is to be a candidate for the bachelor’s degree, he must at the same time continue to register either in the College of Literature, Science and the Arts, or in the Industrial College.

The courses in human anatomy, pathology, and medical zoology are open only to students registered in the College of Medicine. A junior or senior in the College of Literature, Science, and the Arts or in the Industrial College may take any of these courses by registering as a special student in the College of Medicine and paying the laboratory fees attached to the course or courses chosen and also a pro-rata tuition fee, provided, however, that the tuition charge for any course in the College of Medicine so taken by a student in either of the general colleges shall in no case be less than $5 a semester. In anatomy the minimum charge is $15 a semester.

When circumstances warrant and the accommodations are sufficient to allow it without detriment to the work of candidates for degrees, other special students are admitted.

Students cannot attend classes for which they are not
registered, and credit is not granted for studies pursued without registration.

No student is allowed to change from one college to another without written permission to the registrar signed by the dean of each college concerned. A student so changing college must also pay a new matriculation fee of $5.

No student may change his group or drop any study for which he has been regularly registered without written permission from the dean of his college.

Any change in a student’s residence must be immediately reported to the registrar.

A leave of absence for a short time may be granted a student by the dean of his college. This leave 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 registrar grants him permission to do so. Students in good standing who are not minors are given honorable dismissal from the University at their own request; minors, at the request of their parents or guardians.

The dean of the college in which a student registers is that student’s adviser. Each dean has a consultation hour in the deans’ room, University Hall 104, where students may call seeking advice or encouragement in their work.

ADVANCED STANDING

Advanced standing may be granted as follows to applicants presenting proper credentials:

Graduates of recognized universities or colleges are given credit for any work in the medical branches which
they have successfully completed in the college course and which is the full equivalent of corresponding work in the medical curriculum. Such a student may receive the medical degree in not less than three years, provided he completes the remainder of the regular medical curriculum within that time.

Graduates of colleges of dentistry or pharmacy are accorded such standing as their credentials warrant.

Graduates of colleges of homeopathy or eclectic medicine requiring a four years' course are admitted to the senior year.

Students of other medical colleges in good standing are admitted to the class to which credentials issued by such colleges entitle them, only on presenting certificate of honorable dismissal.

In all these cases the applicant for advanced standing must offer admission credits equal to those required by this college.

**REQUIREMENTS FOR GRADUATION**

The requirements for the degree of Doctor of Medicine are as follows:

1. The candidate must be twenty-one years of age.
2. His moral character must be unquestioned.
3. He must have complied with all the requirements of admission and have paid all his fees.
4. He must have completed all required courses and have passed a satisfactory examination on all required subjects in the curriculum.
5. He must have pursued the study of medicine four years and received credit for at least four full courses of instruction in different years at medical schools in good standing, unless he be a college graduate granted time credits under the conditions specified above. The last course he must have taken in this institution.

6. He must have undergone a full and satisfactory written and oral examination at the termination of the course.

SUMMER SESSION

The Summer Session of the University affords opportunities to make up deficiencies in entrance requirements in certain lines of medical work.

COURSES AND METHODS OF INSTRUCTION

The course of study covers four years of nine months each. During the first two years those strictly scientific branches are pursued which form the basis for the technical studies of the last two years. In the laboratory independent work only is accepted. None of the courses are mere demonstrations. This objective method of instruction is followed not only in the laboratory study of the first two years but also in the clinical work of the last two, where constant use is made of the facts acquired from laboratory teaching in the fundamental branches.

The courses embrace also didactic and clinical lectures, in which effort is made by charts, models, experiments, demonstrations, and other appropriate means to broaden the mind of the student and to coordinate the facts acquired in the laboratory. Frequent quizzes and examinations test
progress in each line of work. It is the aim to keep each student informed at all times regarding his standing in every branch so that he can pass no subject without thoroughly mastering it.

The size of the classes permits personal instruction in every topic, each student standing continually close to his instructors. This fact is of the utmost importance in the last two years of the course. The small number of students and the sectional method of clinical instruction which is thereby rendered possible, bring the individual student into intimate contact with his clinical instructors, afford him an opportunity to study each case thoroughly and at short range, and allow him to secure a large amount of bedside instruction.

If a student finds it necessary to leave the University, he may obtain a certificate for his work in the medical course which will enable him to enter any other medical college belonging to the American Association of Medical Colleges.

**EQUIPMENT**

The work in Lincoln is given in the various laboratories of the University, which are well equipped with the necessary apparatus. A more detailed description of the facilities provided is found under the head of “Courses of Instruction” in connection with the different departments represented.

The college building in Omaha, completed in 1899, and situated at the corner of Twelfth and Pacific streets, embodies the best features of modern medical-school buildings. It is a brick and stone structure, having four stories above the basement, furnished with steam heat and electric lights.
On the first floor are the students' lobby and the free dispensary. The latter comprises a waiting room for patients, a drug room, and numerous clinic rooms for the systematic examination and treatment of patients.

On the second floor are the amphitheater with a seating capacity for 250, the library, the reading room, the X-ray room, and a commodious coat room.

On the third floor are the dissecting room, accommodating 100 students; the chemical laboratory, thirty by fifty feet; private rooms for the professors of anatomy, chemistry, and biology; and a smaller amphitheater with a stationary table to which gas and running water are supplied for practical demonstrations in chemistry.

The fourth floor is wholly given up to microscopic work. The laboratories occupy a space one hundred by thirty-five feet, with light on every side. Stationary tables for the preparation and mounting of specimens occupy the center of the room. These tables are supplied with gas and running water and are made as convenient as possible to conserve the student's time. In front of each window is a table furnished with gas attachments and Bunsen burners. In this room are lockers so that each student has a safe place for his working outfit.

The histological and pathological laboratories are commodious and provided with abundant light. The arrangement is such that the class may, at a moment's notice, be assembled from the laboratory desks to recitation benches at one end of the room, where demonstrations may be made from gross specimens by the use of series of blackboards or by means of projection apparatus.
By these arrangements it is possible so to individualize the laboratory work that whenever a student finds a spare hour he can resort to the laboratory and utilize it profitably.

With the transfer of the entire work of the first two years to Lincoln, much additional space has been set free for the expansion of the advanced instruction.

**CLINICAL FACILITIES**

For practical teaching in all departments of medicine and surgery, this College has unusual clinical facilities. Its students have access to eight hospitals, in four of which they have exclusive clinical privileges.

**THE COLLEGE DISPENSARY**

The College Dispensary, on the first floor of the college building, is designed for the gratuitous treatment of all worthy charitable cases that may apply. The space assigned includes a large reception room and adjoining consultation rooms for the separate examination and treatment of cases in surgery, medicine, gynecology, pediatrics, eye, ear, nose, and throat. A pharmacy department, in charge of a trained pharmacist, is also maintained in connection with the dispensary. Members of the clinical faculty and their assistants are in daily attendance from twelve to two o'clock. Students in the Junior and Senior classes are divided in rotation among the different departments, whereby they are put in close touch with the histories, examinations, diagnoses, and treatment of cases. The material available is ample to demonstrate the usual diseases and accidents met with in practice. Very unusual ones are often seen. Selected cases are
specially demonstrated and enlarged upon before the entire class. Advanced students are often sent out from the clinic to see urgent cases at their homes and to make reports thereon to the professor in charge. Those students who have not had experience in dispensing drugs are assigned in rotation to the pharmacy where they are instructed in writing and reading prescriptions and in compounding and dispensing drugs.

THE OMAHA HOSPITAL

In the Omaha Hospital, which received over 1200 patients last year, this College has exclusive clinical privileges. A new, commodious, fire-proof building, planned by one of the best architects in the country and embodying the most modern details of construction and arrangement, is now being erected. It will contain an operating pavilion and amphitheater seating about 100 and furnished with the best appliances known. At this hospital weekly clinics are held throughout the session for the advanced class in surgery, orthopedics, internal medicine, ophthalmology, and otology. From the graduating class an interne is selected for a year's service.

THE IMMANUEL HOSPITAL

In the Immanuel Hospital also students of this College have exclusive clinical privileges. This hospital is well arranged and thoroughly equipped for the application of scientific methods in the treatment of disease. It contains an operating amphitheater, accommodating about eighty students, with the seats so arranged that each student has an unobstructed view of the operator or instructor. Weekly
clinics are held in internal medicine and surgery. Occasionly there are clinics in laryngology and rhinology. From the graduating class a resident physician is appointed, soon after commencement, to serve one year.

DOUGLAS COUNTY HOSPITAL

The Douglas County Hospital, costing $200,000 and accommodating 300 patients, includes a maternity pavilion and an insane department. This institution is, in reality, the charity hospital of Omaha and the surrounding country. Since cases illustrative of all diseases, acute and chronic, occurring in this section of the country, are found here, the students of this College have exceptional opportunities for direct bedside instruction in all departments. Regular clinics are held weekly in medicine, genito-urinary diseases, dermatology, gynecology, mental diseases, and obstetrics. Two resident physicians, one of whom is from this College, are appointed each spring for one year.

WISE MEMORIAL HOSPITAL

At the Wise Memorial Hospital, opened to the public two years ago, a regular weekly clinic throughout the session is held in internal medicine. Special clinics frequently afford instruction in surgery, laryngology, and rhinology.

CHILD-SAVING INSTITUTE

In the Child-Saving Institute also this College has exclusive clinical privileges. The Institute has outgrown its former quarters and now occupies a building especially constructed for its use. Its accommodations for twenty-five
babies are constantly taxed. The opportunities for the
study of the dressing, care, and feeding of infants, and the
diagnosis, progress, and treatment of the different gastro-
intestinal diseases are here unexcelled in the Middle West.
Occasional outbreaks of infectious diseases in the constantly
changing inmates afford unusual illustration of the subjects
taught in the course on pediatrics.

W. C. A. HOSPITAL, COUNCIL BLUFFS

The W. C. A. Hospital at Council Bluffs is in professional
charge of members of the faculty of this College. For sur-
gical work its equipment is thorough, including a fine oper­
ating room. Frequent clinics are held in general medicine
and in surgery, including railway and emergency surgery.

BANCROFT STREET RESCUE HOME

The Bancroft Street Rescue Home—a lying-in hospital
—is under the personal direction of a member of the faculty
of this College. During 1903 there were here thirty-five
confinement cases, attended by students of the College. In
a number of operations, including the application of the
forceps and the repair of the perineum, students assisted.

OMAHA RESCUE HOME

In the Omaha Rescue Home also this College has exclu-
sive clinical facilities. During the last year there were here
forty cases of obstetrics, most of which were attended, under
the direction of the professor in charge, by members of the
senior class. The sanitary arrangements of this Home
render the best possible application of scientific asepsis.
THE VISITING NURSES' ASSOCIATION

The search, by the Visiting Nurses' Association, for deserving, unattended sick, furnishes the members of the faculty of obstetrics many cases of confinement. These are assigned to members of the senior class.

HOSPITAL APPOINTMENTS

From the graduating class of the College of Medicine one interne is chosen each year for the Omaha Hospital and one for the Immanuel Hospital. The position of resident physician in the Douglas County Hospital is also open to graduates of the College. Several graduates of the College each year secure positions in other hospitals in Nebraska and other states. The faculty receives frequent inquiries from superintendents of hospitals who desire recent graduates suitable for such positions. In this way a large percentage of graduates obtain the inestimable advantages of hospital training before entering upon private practice.

LIBRARIES

IN OMAHA

The College Library contains about 1,000 volumes including an up-to-date collection of text-books covering the entire range of medical science. While this collection is not designed to obviate the necessity of students having their own text-books, it enables them to investigate subjects in which they are specially interested more fully than they otherwise could. Periodical literature is also on file.

The Omaha Public Library contains 60,000 volumes, in-
including a very good medical library, the use of which is free to students in the College.

**IN LINCOLN**

The following libraries, aggregating 134,000 volumes, are accessible to students in Lincoln:

The University Library of 63,000 volumes is strong in those scientific lines where lies the first two years' work of the student of medicine. It includes special departmental libraries in botany, chemistry, hygiene, physiology, and zoology.

The Lincoln City Library of 16,000 volumes includes the library of the Nebraska State Medical Society. It also has an alcove devoted exclusively to medical literature.

The State Library of 46,000 volumes at the Capitol includes valuable medical works in certain lines.

The Nebraska State Historical Society Library of 9,000 volumes and 19,000 pamphlets, contains very useful series of public documents such as reports of state boards of health, and of state hospital and other institutions.

**PRIZES**

The following prizes are offered for 1904–1905:

1. To the member of the graduating class receiving the highest total of marks in the final examinations, a general surgical operating case.

2. To the student who prepares the best dried anatomical preparation, a pocket instrument case. All preparations offered in competition for this prize become the property of the college museum in Omaha, and are labeled with the name of the maker. This prize is not awarded unless the
specimens offered possess sufficient merit as determined by a committee consisting of the professors of anatomy and of the principles and practice of surgery. Previous successful competitors excluded.

3. To the member of the senior class most proficient in ophthalmology, Professor Gifford offers as a prize a Loring's ophthalmoscope.

4. To the student presenting the best notes on the history of medicine, Dr. Orr offers as a prize, medical books to the value of $10.

SOCIETIES

The Alumni Association of the College of Medicine maintains an active and efficient organization, of advantage to both the graduates and the University. The annual meeting is held in Omaha on commencement day. Members of the association are earnestly requested to notify the registrar and the secretary of the association when they change their address.

The Medical Society of the University of Nebraska, at Lincoln, aims to increase professional spirit and to keep its members in touch with recent progress. Any student in the University at Lincoln looking forward to medicine is eligible to membership. Topics of general interest are taken up at the weekly meetings. Prominent men address the society monthly on topics of special interest. Besides promoting fellowship among students of medicine it also aims to offer some social advantages in other directions.

An undergraduate medical society has been formed in Omaha with similar objects. It meets bi-weekly for the discussion of medical topics.
FEES AND EXPENSES

All fees and charges are payable in advance to the secretary of the University in Lincoln or at the office of the associate dean at the College in Omaha. No part of fees can be refunded to students who leave during the session, but in case the student takes up the same work again no additional charge is made for the part omitted.

The schedule of fees in the College of Medicine is as follows:

- Matriculation fee: $5
- Diploma fee: 5
- No person can be recommended for a degree until he has paid all dues, including the fee for the diploma.
- Special certificate of standing: $5

FIRST-YEAR AND SECOND-YEAR FEES

- Tuition, first semester: $20
- Tuition, second semester: 15

LABORATORY FEES

- Anatomy 1, 2, 3, 4: $15
- Bacteriology: 8
- Pharmaceutical botany 33, 34: 2
- Chemistry A., B., 3, 4, 33, 34: 5
- Histology and Embryology (Zoology 9, 10): 5
- Pathology: 8
- Physiology 1, 2, 3, 4: 2
- Zoology 1, 2, general and medical: 2

JUNIOR YEAR—OMAHA

- Fees for all required exercises, including all laboratory and clinic fees: $80
- Breakage deposit: 10
- Examination fee: 10
The College of Medicine

Senior Year—Omaha

Fees for all required exercises, including laboratory and clinic fees... $80
Breakage deposit................................................. 10
Examination fee................................................ 10

Breakage in the laboratory and damage to the college property are charged to the individual or class responsible. In case the damage cannot be located, it is charged to the class pro rata.

All fees are payable strictly in advance when the session opens. A student is not entitled to appear for any one of his final examinations until all his fees are paid.

A graduate of any recognized medical college who desires to attend the Omaha department of the University College of Medicine may do so by paying a fee of $10.

In Omaha board and lodging costs from $3 to $5 a week. By means of clubs students materially reduce this expense. The Young Men’s Christian Association issues to students in the College of Medicine special season tickets admitting, at a very small cost, to the privileges of the association’s building—baths, gymnasium, parlors, lectures, concerts.

In Lincoln board and lodging may be secured in private families for from $3 to $5 a week. There are also numerous student clubs. The Young Men’s Christian Association and the Young Women’s Christian Association of the University keep lists of boarding places. The Young Men’s Christian Association of the University also maintains an employment bureau, the services of which are free to all students. In a city the size of Lincoln there are many opportunities for students to defray their expenses, at least in part. The University cannot, however, guarantee employment.
GENERAL COLLEGE PRIVILEGES

Students in the College of Medicine have the privileges of other students in the University. The gymnasium is in charge of experts in physical training, who advise each student as to the character and amount of physical exercise adapted to his case. For engaging in athletics there is abundant opportunity. Military drill is also offered.

SIX-YEAR COMBINED COLLEGIATE AND MEDICAL COURSE

The entrance requirements are those of the College of Literature, Science and the Arts, or of the Industrial College, given in the announcement for those colleges.

Whenever possible, the student is advised to take this combined course, which leads to the bachelor's degree at the conclusion of four years, and to that of Doctor of Medicine at the end of six years. The work in Lincoln is known as that of the pre-medical group, which was adopted by the Board of Regents, April, 1902, on recommendation of the faculty of the University. The work of the group lays a broad foundation for the technical work of the last two years and gives the student not only the best possible training but also the advantage of possessing the bachelor's degree.

If one wishes to complete both courses within six years, it is not possible to deviate materially from the program outlined below:

**FIRST YEAR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry 1, 2</td>
<td>2</td>
</tr>
<tr>
<td>Physics 1, 2</td>
<td>3</td>
</tr>
<tr>
<td>Modern Language (German)</td>
<td>5</td>
</tr>
<tr>
<td>Zoology 1, 2</td>
<td>3</td>
</tr>
<tr>
<td>Rhetoric 1, 2</td>
<td>2</td>
</tr>
<tr>
<td>Osteology (second semester)</td>
<td>2</td>
</tr>
<tr>
<td>Military Drill</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Credit Hours:** 18
## SECOND YEAR

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botany 1, 2</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry 3, 4</td>
<td>3</td>
</tr>
<tr>
<td>Zoology 5, 8</td>
<td>4</td>
</tr>
<tr>
<td>Modern Language</td>
<td>5</td>
</tr>
<tr>
<td>Military Drill</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Credits:** 16

## THIRD YEAR

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharmaceutical Botany</td>
<td>2</td>
</tr>
<tr>
<td>Physiology</td>
<td>2</td>
</tr>
<tr>
<td>Physics 3, 4</td>
<td>2</td>
</tr>
<tr>
<td>Zoology 9, 10</td>
<td>3</td>
</tr>
<tr>
<td>Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Human Anatomy</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total Credits:** 16

## FOURTH YEAR

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>Bacteriology and Pathology</td>
<td>4</td>
</tr>
<tr>
<td>Physiological Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>Hygiene, Physical Diagnosis</td>
<td>2</td>
</tr>
<tr>
<td>Advanced Physiology</td>
<td>2</td>
</tr>
<tr>
<td>History of Medicine</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Credits:** 16

## FIFTH YEAR

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bacteriology and Pathology</td>
<td>1</td>
</tr>
<tr>
<td>Therapeutics</td>
<td>2</td>
</tr>
<tr>
<td>Surgical Anatomy</td>
<td>1</td>
</tr>
<tr>
<td>Physical Diagnosis</td>
<td>1</td>
</tr>
<tr>
<td>Medicine</td>
<td>4</td>
</tr>
<tr>
<td>Surgery</td>
<td>4</td>
</tr>
<tr>
<td>Obstetrics</td>
<td>2</td>
</tr>
<tr>
<td>Bandaging and Dressing</td>
<td>1</td>
</tr>
<tr>
<td>Prescription-Writing, Electro-Therapeutics</td>
<td>1</td>
</tr>
<tr>
<td>Materia Medica and Pharmacology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits:** 20
SIXTH YEAR

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>Medicine</td>
<td>4</td>
</tr>
<tr>
<td>Surgery</td>
<td>4</td>
</tr>
<tr>
<td>Obstetrics</td>
<td>2</td>
</tr>
<tr>
<td>Gynecology</td>
<td>1</td>
</tr>
<tr>
<td>Eye and Ear</td>
<td>1</td>
</tr>
<tr>
<td>Nose and Throat</td>
<td>1</td>
</tr>
<tr>
<td>Nervous Diseases</td>
<td>1</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>1</td>
</tr>
<tr>
<td>Dermatology</td>
<td>1</td>
</tr>
<tr>
<td>Genito-Urinary Surgery</td>
<td>1</td>
</tr>
<tr>
<td>Railway Surgery, Dental Surgery</td>
<td>1</td>
</tr>
<tr>
<td>Medical Jurisprudence, Life Insurance</td>
<td>1</td>
</tr>
</tbody>
</table>

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NOTE.—In addition there are section clinics running all the year.

FOUR-YEAR MEDICAL COURSE

The course embraces four years of graded instruction, eight to nine months each, outlined in the following synopsis. To this course all students must conform. The year is divided into two semesters, approximately eighteen weeks each.

Examinations are held at the end of each year in all the work covered. Students failing in any of the final examinations of the year must pass such examinations either at the opening of the ensuing session or during the Christmas vacation following. Students failing in more than one-third of the work must take the entire work again.

FRESHMEN YEAR

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry</td>
<td>2</td>
</tr>
<tr>
<td>General Physiology</td>
<td>2</td>
</tr>
<tr>
<td>Histology, Embryology</td>
<td>3</td>
</tr>
<tr>
<td>Pharmaceutical Botany</td>
<td>2</td>
</tr>
<tr>
<td>General and Medical Zoology</td>
<td>3</td>
</tr>
<tr>
<td>History of Medicine</td>
<td>1</td>
</tr>
</tbody>
</table>

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### The College of Medicine

**Sophomore Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>Chemistry, Organic and Physiological</td>
<td>5</td>
</tr>
<tr>
<td>Special Physiology</td>
<td>2</td>
</tr>
<tr>
<td>Bacteriology and Pathology</td>
<td>2</td>
</tr>
<tr>
<td>Hygiene and Physical Diagnosis</td>
<td>2</td>
</tr>
</tbody>
</table>

**Junior Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bacteriology and Pathology</td>
<td>1</td>
</tr>
<tr>
<td>Therapeutics</td>
<td>2</td>
</tr>
<tr>
<td>Surgical Anatomy</td>
<td>1</td>
</tr>
<tr>
<td>Physical Diagnosis</td>
<td>1</td>
</tr>
<tr>
<td>Medicine</td>
<td>4</td>
</tr>
<tr>
<td>Surgery</td>
<td>4</td>
</tr>
<tr>
<td>Obstetrics</td>
<td>2</td>
</tr>
<tr>
<td>Bandaging and Dressing</td>
<td>1</td>
</tr>
<tr>
<td>Prescription Writing, Electro-Therapeutics</td>
<td>1</td>
</tr>
<tr>
<td>Materia Medica and Pharmacology</td>
<td>3</td>
</tr>
</tbody>
</table>

**Senior Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine</td>
<td>4</td>
</tr>
<tr>
<td>Surgery</td>
<td>4</td>
</tr>
<tr>
<td>Obstetrics</td>
<td>2</td>
</tr>
<tr>
<td>Gynecology</td>
<td>1</td>
</tr>
<tr>
<td>Eye and Ear</td>
<td>1</td>
</tr>
<tr>
<td>Nose and Throat</td>
<td>1</td>
</tr>
<tr>
<td>Nervous Diseases</td>
<td>1</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>1</td>
</tr>
<tr>
<td>Dermatology</td>
<td>1</td>
</tr>
<tr>
<td>Genito-Urinary Surgery</td>
<td>1</td>
</tr>
<tr>
<td>Railway Surgery, Dental Surgery</td>
<td>1</td>
</tr>
<tr>
<td>Medical Jurisprudence, Life Insurance</td>
<td>1</td>
</tr>
</tbody>
</table>

**Note.**—In addition there are section clinics running all the year.
The object of this department is to present the subject of human anatomy in the most modern, strictly scientific form. During the first two years of his course the student is expected to spend eight hours weekly in the laboratory. Individual quizzes upon the subject; weekly sectional quizzes, with or without the subject; a thorough demonstration by each individual student at the close of each dissection of a part; and occasional review quizzes to test the student’s ability to retain the knowledge gained, are required. The lectures supplement the laboratory work, and in them are discussed such facts drawn from comparative vertebrate anatomy, from the study of human variations and anomalies, and from embryology, as will enable the student to understand the structure of the human body and to correlate details learned by laboratory dissection, thus giving a clear conception of the body as a whole. As a final test of his grasp of the subject the careful formal presentation of some circumscribed topic is required of each student before credit is given for the course.

To assist the student in his work, charts, models, anatomical preparations, and carefully selected works of reference are close at hand where he can readily consult them.

COURSES

1. General and Practical Anatomy—Introductory principles of anatomy and general descriptive anatomy. Laboratory work; osteology; preliminary dissection on the dog; dissection of human subject; dissection of genital organs. Three hours. Eight hours laboratory. Four hours credit. First semester, freshman year.

3. **Regional and Practical Anatomy**—Laboratory work in neurology; dissection of the organs of special sense; serial sections of human body; special assigned topics. Three hours. Eight hours laboratory. Four hours credit. First semester, sophomore year.

   **ASSOCIATE PROFESSOR WOLCOTT, DOCTOR POYNTER, DOCTOR HILTON.**


5. **Surgical Anatomy**—Lecture course. One hour credit. First semester, junior year.

   **DOCTOR RAMSEY.**

6. **Surgical Anatomy**—5 continued. Second semester.

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**BACTERIOLOGY AND PATHOLOGY**

**ASSISTANT PROFESSOR WAITE**

**BACTERIOLOGY**

The object of this course is to build a firm foundation for the subsequent practical work in bacteriology. The study of form, structure, multiplication, requirements of growth, and chemical products is followed by applying the facts acquired to fermentation and putrefaction. In the latter half of the course pathogenic organisms are dealt with exclusively. The various ways in which bacteria gain entrance to the body, the changes which they bring about, and their final removal from the body are thoroughly explained. Attenuation and immunity are carefully discussed. Each of the bacterial diseases is then considered from the point of view of etiology. In the laboratory the preparation of culture media is first taken up. This is followed by a study of their growth on the various media. By these means both non-pathogenic and pathogenic organisms are isolated and identified. A thorough grounding in disinfection and sterilization is required by practical application of the principles discussed in lecture. Animals are inoculated in the presence of the class, which is required to isolate the organisms from the tissues of the animal and grow them in pure culture. Special attention is given to the practical bearing of methods of bacteriological diagnosis.

1. **Bacteriology**—Four hours lecture and quizzes. Eight hours laboratory. First semester, freshman year.

   **ASSISTANT PROFESSOR WAITE.**
PATHOLOGY

The subject of general pathology is thoroughly reviewed. The origin of disease, disturbances of circulation, retrograde changes, inflammation, tumors, etc., are carefully studied. In conclusion, the diseases of special organs are taken up according to their relative importance. In the laboratory about one hundred and fifty specimens are given out. These the student is required to identify and, with the aid of the instructor, work out departures from the normal. From the facts thus acquired a diagnosis is made. Descriptions of all sections and drawings of all typical specimens are required to familiarize the student with recording changes seen and for training in accuracy of observation.

COURSES

2. Pathology—Four hours lecture and quizzes. Eight hours laboratory. Second semester, sophomore year. Assistant Professor Waite.

3. Pathology—2 continued. Lecture, demonstration, and quizzes covering the subjects of special bacteriology and pathology, and post-mortem techniques. Two hours lecture and quizzes. First semester, junior year. Assistant Professor Waite.


5. Practical Clinical Pathology—The class is divided into sections of three, and each section is required, in rotation, to assume charge of all pathological specimens, sputum, urine and blood, secured from cases studied in clinics at the dispensary and the different hospitals; to examine the same in the pathological laboratory, under the supervision of the instructors in charge; and to make reports thereon before the class to the professor holding the clinic. Senior year.

PHARMACEUTICAL BOTANY AND PHARMACOLOGY

PROFESSOR BESSEY, ADJUNCT PROFESSOR HEALD

1. Pharmaceutical Botany—A single course on the structural characteristics of the principal drugs derived from plants, their preparation, and physiological effects. Two lectures and textbook exercises, and four hours of laboratory work. Professor Bessey, Adjunct Professor Heald

THE COLLEGE OF MEDICINE

CHEMISTRY

PROFESSOR NICHOLSON, ASSISTANT PROFESSOR DALES,
MISS FOSSLER

A general survey of chemistry, both inorganic and organic, including the nature of chemical processes and the use of apparatus.
Instruction by the lecture-laboratory method.
Advanced students having the necessary experience and knowledge do research work under guidance.

COURSES

1. Metallic or Base-Forming Elements—The occurrence, methods of preparation, and properties of the common elements and their chief compounds. Two hours attendance. Four hours laboratory. Two hours credit. First semester. PROFESSOR NICHOLSON.

2. Metallic or Base-Forming Elements—1 continued. Second semester.

3. Elementary Organic Chemistry—The important classes of organic substances. Preparation, in the laboratory, of typical compounds. Two hours attendance. Six hours laboratory. Two hours credit. First semester. MISS FOSSLER.


33. Physiological Chemistry—The organic compounds. The chemical processes of physiological importance. Two hours attendance. Four hours laboratory. Two hours credit. First semester. MISS FOSSLER.

34. Physiological Chemistry—33 continued. Second semester.

HISTORY OF MEDICINE

DOCTOR ORR

1. History of Medicine and Medical Literature—A combined lecture and study course which considers the men who have contributed to medical knowledge from the earliest times to the present. One hour lecture. One hour credit. First semester. DOCTOR ORR.

2. History of Medicine and Medical Literature—1 continued. This course traces the development of medicine in its different branches
simply as an abstract department of knowledge. Constant reading and note-taking are required and an acquaintance with library methods and with the literature is necessarily obtained. One hour lecture. One hour credit. Second semester.

Doctor Orr.

HYGIENE AND PHYSICAL DIAGNOSIS
PROFESSOR TOWNE, PROFESSOR CLAPP


Professor Clapp.

2. Physical Diagnosis—The thorax and thoracic organs alone are considered. The normal signs, as given by inspection, palpation, percussion, and auscultation, are first studied from the normal individual, thus preparing the student for the recognition of the various abnormal conditions. Two hours lecture. One hour demonstration. Two hours credit. Second semester.

Professor Clapp.

SANITATION AND STATE MEDICINE


Professor Towne.

MATERIA MEDICA AND THERAPEUTICS

PROFESSOR CHRISTIE, PROFESSOR JENSEN, DOCTOR KOERBER

MATERIA MEDICA AND PHARMACOLOGY

1. Materia Medica and Pharmacology — A systematic outline and detailed study of the various drugs used in the treatment of diseases and their physical and chemical properties; their physiological action; indications of their use, dosage, and the different preparations. The laboratory work is on the methods of handling drugs, prescription-writing, preparing combinations, and the direct effect of drugs on the circulation, kidneys, eye, and gastrointestinal canal. Three hours lecture and recitation. One hour laboratory. First semester.

   PROFESSOR CHRISTIE, DOCTOR KOERBER.


3. Advanced Materia Medica and Pharmacology — This is in part a continuation of courses 1 and 2. The various drugs used in the treatment of disease are classified according to their application, their action is described, and their therapeutic value dwelt upon. Two hours lecture. First semester. PROFESSOR CHRISTIE.


5. Prescription-Writing — Practical instruction in writing prescriptions. For supposed cases the student writes prescriptions which the instructor criticises and corrects. One hour lecture. First semester. DOCTOR KOERBER.

THERAPEUTICS

7. Therapeutics — First semester, junior year.
   One hour lecture. PROFESSOR CHRISTIE.
   One hour quiz. DOCTOR KOERBER.

8. Therapeutics — 7 continued. Second semester, junior year.
   One hour lecture. PROFESSOR CHRISTIE.
   One hour quiz. DOCTOR KOERBER.

9. Therapeutics — A systematic consideration of the use of drugs in their special application to diseased conditions, and a thorough outline of their selection according to indications.
Special attention to the uses of hydro-therapy, vibration treatment, massage, and their mode of application. The class is divided into sections, thereby affording the students opportunity to observe, in the hospital and the dispensary, the practical application of the different means of treatment and their effects, including the use of baths, packs, poultices, blisters, massage, and the use of anesthetics. First semester.

Two hours lecture. 
Professor Christie.

One hour quiz. 
Doctor Koerber.


12. Electro-Therapeutics—The physics of electricity, the different varieties of currents and their indications, and method of application in the treatment of diseases. A few of the lectures are devoted to X-ray apparatus, and demonstrations of its application, and also to the technique of fluoroscopic examinations and radiography. The College possesses a fine X-ray outfit which is used in demonstrations. One hour lecture. Second semester.

Professor Jensen.

PHYSIOLOGY

ADJUNCT PROFESSOR LILLIE; IN OMAHA—DOCTOR LYMAN

1. Introduction to General and Chemical Physiology—Special physiology of blood, nerve, muscle, circulation, respiration, digestion, secretion, excretion, nutrition and metabolism. Two hours lecture. Three hours laboratory. Two hours credit. First semester.

Professor Lillie.

2. Introduction to General and Chemical Physiology—1 continued. Second semester.

3. Advanced Physiology—General and comparative physiology. Application of physical chemistry to problems of physiology. Physiology of the central nervous system and sense organs, special and comparative. Two hours lecture. Four hours laboratory. Two hours credit. First semester, sophomore year.

Professor Lillie.

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ZOOLOGY

PROFESSOR WARD, ADJUNCT PROFESSOR WILLARD, MR. BARKER

The laboratory has Zeiss and Leitz microscopes, Reinholt-Gilray, Minot and Thomas microtomes, Lillie and Naples paraffin baths, and all necessary subsidiary apparatus. The departmental library adjacent and freely accessible contains 2,000 works on animal morphology and physiology. A series of specimens from the Naples Zoological Station—one of injected tissues by Thiersch and embryological models by Ziegler and Dahlgren—are among the illustrative material.

GENERAL AND MEDICAL ZOOLOGY

1. Introduction to Animal Biology and Medical Zoology—Fundamental properties of protoplasm. Structure and activities of the cell. Its division. Maturation and fertilization of reproductive cells. Their development and differentiation into germ layers, tissues, organs, and animals. Study of animals of special interest in clinical work as hematozoa and helminthes. Two hours lecture and quiz. Four hours laboratory. Three hours credit. First semester.

   PROFESSOR WARD, MR. BARKER.

2. Introduction to Animal Biology and Medical Zoology—1 continued. Second semester.

HISTOLOGY AND EMBRYOLOGY

9. Normal Histology—Microscopic structure of tissues and organs, illustrated by drawings, models and demonstrations with lantern and projection microscope. One hour lecture and quiz. Six hours laboratory. Three hours credit. First semester.

   ADJUNCT PROFESSOR WILLARD.


   ADJUNCT PROFESSOR WILLARD.

CLINICAL INSTRUCTION

With cases in all departments of medicine and surgery the student is brought face to face. The 200,000 population of Omaha, South
Omaha, and Council Bluffs, with their manufacturing industries, furnish the hospitals a great variety of cases in all branches of medicine and surgery. For instruction in accident and railway surgery there are unusual opportunities.

SECTION CLINICS

At the beginning of each year the senior class is divided into sections of three students each. Some of these attend section clinics daily at the various hospitals, each professor inviting the sections in regular rotation. These section clinics, both medical and surgical, afford extensive facilities for the most effective kind of clinical teaching—individual instruction. In physical diagnosis the student has ample practice, being required to make examinations and to reach a logical diagnosis. The instructor explains each case as fully as possible and then outlines the treatment. By this section-clinic method of instruction the student gets much more positive information than he can in the large general clinics.

CLINICAL DEPARTMENTS

DERMATOLOGY

DOCTOR GAGE

One lecture a week is given throughout the session. Finely executed plates, recently collected in Europe, representing the various diseases of the skin, illustrate the lectures, thus enabling the student to become familiar with the appearance of the skin presenting the characteristic lesions of cutaneous disease. A weekly clinic in the College Dispensary furnishes the student ample opportunity to familiarize himself with the differential diagnosis of many skin diseases, to study the progress of the cases, and note the effect of treatment. Demonstrations are made before the class of the influence of the X-ray applications in lesions adapted to the treatment.

COURSES

1. Dermatology—One hour. One hour clinic. First semester, senior year.  
   Doctor Gage.

2. Dermatology—1 continued. Second semester.
GENITO-URINARY DISEASES

DOCTOR STOKES

A systematic course, including the use of the cystoscope and endoscope, is given on the diseases affecting the genito-urinary organs. In the dispensary clinic the practical application of these instruments, the use of sounds, and local treatment of the mucous membrane of the urethra and bladder are studied. Section clinics at the Douglas County Hospital offer opportunities for the study of venereal diseases, including syphilis in all stages. Operations upon the perineum, testicle, prostate and bladder are performed with the assistance of members of the sections.

COURSES

1. Genito-Urinary Diseases—One hour lecture. One hour clinic. First semester, senior year. DOCTOR STOKES.


GYNECOLOGY

PROFESSOR BROWN, DOCTOR PARK, DOCTOR VAN FLEET

The courses comprise a thorough study of this subject, including all the malpositions of the uterus, the inflammations of this organ and of the tubes and ovaries, and their mechanical effects; the various tumors invading these parts; and the causative relation of abnormal puerperal conditions to these affections. A two-hour weekly clinic in the College Dispensary or the Douglas County Hospital furnishes an abundance of cases illustrative of the more common diseases of women, with which the practitioner should be thoroughly familiar. Especial care is taken to guide the student in making personal examination of patients, reaching diagnoses, and observing methods of treatment. Cases requiring operation are sent to the hospital, where sections of the class observe and frequently assist in operations.

COURSES

1. Gynecology—One hour lecture. Two hours clinic. First semester, senior year. PROFESSOR BROWN, DOCTOR PARK, DOCTOR VAN FLEET.

INTERNAL MEDICINE

PROFESSOR GIBBS, PROFESSOR BRIDGES, PROFESSOR MILROY, PROFESSOR HOFFMAN, PROFESSOR TREYNOR, PROFESSOR WARD, DOCTOR PETERSON, DOCTOR GOETZ
CLINICAL ASSISTANTS:
DOCTOR TRUELSON, DOCTOR WEYMUELLER

1. Physical Diagnosis—An exposition of the general principles of the subject, together with demonstrations of the topography of the head, chest, and abdomen. The student is taught the physical signs in health by means of direct personal examination, and the lectures treat of normal conditions. Two hours lecture and recitation. First semester, junior year. DOCTOR TRUELSON.

2. Physical Diagnosis—1 continued. The physical signs formed in disease, and their clinical demonstration on cases taken from the dispensary and hospital wards. Having familiarized himself with the interpretation of normal signs during the first semester, the student is thus more capable of appreciating abnormal signs resulting from disease. PROFESSOR MILROY, DOCTOR TRUELSON.

3. Internal Medicine—This course considers the general diseases, including infections and diseases of the stomach and intestines, lungs, and kidneys. Subjects including all diseases pertaining to internal medicine are assigned systematically, and regular recitations are held thereon, thus giving the student a more thorough theoretical knowledge of the etiology, pathology, symptomatology, diagnosis, and treatment of disease, than did the older method of didactic lecturing. In the clinic in the College building, the cases are selected from the out-door dispensary, and usually represent the seasonal diseases of ambulatory type. First semester, junior year. (a) Two hours lecture. PROFESSORS GIBBS AND BRIDGES. (b) Four hours recitation. PROFESSORS GIBBS AND BRIDGES, DOCTORS PETERSON AND GOETZ. (c) Two hours clinic. PROFESSORS GIBBS AND MILROY. One hour clinic, Douglas County Hospital or Immanuel Hospital. PROFESSOR MILROY.


5. Internal Medicine—This includes subjects not lectured on in the junior year, and the work covered, in part, by recitation in
that year. Especial consideration is given to the elucidation of cases seen in the hospital clinics, and to cases in private practice, illustrative of the subjects under consideration. One hour weekly in conference. Members of the senior class are in rotation assigned cases for examination and study in the dispensary clinic or at one of the numerous hospitals, and are required to make full reports thereon before the class and the professor in charge. A full discussion and report of the case follow when the subjects of etiology, pathology, symptoms, and diagnosis are thoroughly covered. Two clinics are held each week in the college building, where cases are selected from the large amount of material furnished by the dispensary. Two hours weekly are spent at the Douglas County Hospital or the Immanuel Hospital and one hour each at the Omaha and Wise Memorial Hospitals. In this work careful direction is given to the elaboration of clinical histories and to the physical examination of the chest and abdomen. Sputum, urine, and blood of patients under their observation are examined by sections of the class in the college laboratory under the direction of the professor of pathology and make reports thereon. First semester, senior year. (a) Two hours lecture. One hour conference. Professors Gibbs and Bridges. (b) Two hours clinics in the College. Professors Gibbs and Milroy, Doctors Truelsen and Weymuller. (c) Four hours hospital clinics. Professors Milroy, Gibbs, Bridges and Hoffman.

6. Internal Medicine—5 continued. Second semester, senior year.

7. Special Clinics—To these clinics in the above-mentioned hospitals and also in the W. C. A. Hospital, Council Bluffs, sections of the senior class are invited in rotation. Especial attention is given to diseases of the heart, lungs, and kidneys. The small classes are enabled to make close study of cases. First semester, senior year. Professors Bridges, Gibbs, Milroy, Hoffman, and Treynor.

8. Special Clinics—7 continued. Second semester, senior year.

10. Tropical Medicine—Twelve lectures on the mode of propagation, methods of prevention, and treatment of the diseases met with in the tropics, including cholera, plague, dysentery, yellow fever, etc. Second semester, senior year. Doctor Reno, United States Army.

11. Life Insurance Examinations—The examination of applicants for life insurance; the relation of different diseases to the expectancy of life; the influence of heredity, occupation, habits, and the professional relation of the examiner to the company. First semester, senior year. Doctor Cloyd.

LARYNGOLOGY AND RHINOLOGY
PROFESSOR OWEN, DOCTOR LEMERE, DOCTOR WHERRY

1. Laryngology and Rhinology—This course affords special study of the anatomy and physiology of the upper respiratory tract, and the diseases of the nose, throat, and larynx, and their dependence upon and relation to the various constitutional infections and dyscrasias. One hour lecture. First semester, senior year.

Professor Owen.

2. Laryngology and Rhinology—1 continued. Second semester, senior year.

3. Principles and Use of the Laryngoscope and Rhinoscope—The practical application of these instruments in a study of the normal appearances of the nose, throat, and larynx. For this work a dark room with artificial light is fitted up in the College Dispensary. One hour weekly. First semester, senior year.

Doctor Lemere, Doctor Wherry.

4. Clinic—The dispensary clinic furnishes material for the study of all diseases of the nose, throat and larynx. Having familiarized themselves with the normal appearances and the use of the instruments during the first semester, students are now prepared for practical instruction in the pathology, diagnosis, and treatment of diseased organs. Section clinics and operations in the Wise Memorial and Immanuel Hospitals. One hour weekly. Second semester, senior year. Professor Owen, Doctors Lemere and Wherry.

MEDICAL JURISPRUDENCE
PROFESSOR BROGAN

1. Medical Jurisprudence—Physician's contracts, general medico-legal relations. Expert testimony. Malpractice. Life insurance exam-
THE COLLEGE OF MEDICINE


PROFESSOR BROGAN.

MENTAL AND NERVOUS DISEASES

PROFESSOR MOORE, PROFESSOR AIKIN, DOCTOR MOGRIDGE

1. Mental Diseases—A study of the different forms of insanity; their causes, symptoms, diagnosis, prognosis, and treatment. One hour lecture. First semester, senior year. PROFESSOR MOORE.

3. Diseases of the Nervous System—Lectures with demonstrations, on the special anatomy and physiology of the brain and spinal cord, followed by a presentation of the pathological conditions found in these organs, with the symptoms, differential diagnosis, and treatment thereof. The normal and pathological reflexes and the indications of the latter are discussed at length. At the clinic in the College or at the Douglas County Hospital, students study directly patients with nervous and mental diseases, the hospital furnishing an unusual variety in both lines. Differential diagnosis and the various non-restraint treatments of insanity cases are dwelt on. One hour lecture. One hour clinic. First semester, senior year. PROFESSOR AIKIN.


6. Arrested Development—This course considers the causes, manifestations and diagnosis of arrested development. The class spends a day at the Glenwood, Iowa, Institution for the Feeble-Minded. One hour lecture. Second semester, senior year. DOCTOR MOGRIDGE.

OBSTETRICS

PROFESSOR SOMERS, DOCTOR PARK, DOCTOR POLLARD, DOCTOR ARTHUR

For practical work in obstetrics there is ample material. In 1903-04 there were about 200 maternity cases. Students who have passed their junior examinations and who remain in the city during the summer vacation, are assigned cases to attend under the direction of Professor Somers and Doctor Arthur.
1. Anatomy and Physiology of the Female Pelvic Organs—The development of the ovum, the hygiene and management of pregnancy, its signs, diagnosis, and pathology. The subject of the lectures is assigned for study and recitation. Two hours recitation. First semester, junior year.  
   DOCTOR POLLARD.

2. Anatomy and Physiology of the Female Pelvic Organs—1 continued. Second semester, junior year.

   DOCTOR PARK.


5. Obstetrics—The mechanism of labor, difficult labor, the pathology of the puerperal state, and the new-born child. Exercises on the manikin in diagnosing position and presentation, including a review of the mechanism of normal and abnormal labor. Two hours lecture. First semester, senior year.  
   PROFESSOR SOMERS.

6. Obstetric Surgery—Includes the history and description of the forceps, the perforator, the cranioclast, the cephalotribe, and the indication for, and method of their use. A review of the work of the first semester will also be assigned to this hour. One hour lecture. Second semester, senior year.  
   PROFESSOR SOMERS.

7. Attendance on Obstetrical Cases—The various lying-in hospitals, including the Douglas County Hospital with which this College has close affiliation, afford abundant opportunity for the assignment of obstetric cases to members of the senior class. Each student is required to attend three cases before receiving a certificate for graduation. During such attendance he is excused from the College exercises. Under the direction, and in the presence of the professor or one of his assistants, he is required to make examinations, both by abdominal and vaginal palpation, to suggest diagnosis, study the progress of labor, and, in case operative procedure is necessary, to witness and assist at such operation. The practical use of anaesthetics in labor is also taught each student. First semester, senior year.  
   PROFESSOR SOMERS, DOCTORS PARK AND ARTHUR.
OPHTHALMOLOGY AND OTOTOLOGY

PROFESSOR GIFFORD, ADJUNCT PROFESSOR BICKNELL, DOCTOR LEMERE

COURSES

1. Ophthalmology and Otology—The external and internal diseases of the eye and ear, and their differential diagnosis, are systematically considered. The basis of refractive errors and the method of their correction receive due attention. One hour lecture. First semester, senior year. PROFESSOR GIFFORD.


3. The Anatomy and Physiology of the Eye and Ear, and Practical Instruction in the Use of the Ophthalmoscope and Otoscope—Each student has opportunities to study, in the dark rooms at the College Dispensary, the appearances of the normal fundus of the eye and of the drum membrane of the ear. One hour weekly. First semester, senior year. ADJUNCT PROFESSOR BICKNELL.

4. Clinic in Ophthalmology and Otology—The large clinic at the Omaha Hospital furnishes abundant opportunity for the student to observe cases illustrative of the lectures on the eye and ear, and for the instructor thoroughly to impress on him these points in practical diagnosis. Frequent operations for strabismus, cataract, glaucoma, and defects of the lids, and also for otitis, mastoiditis, and trephining. Section clinics in the College Dispensary also furnish material in the more common affections of both eye and ear. First semester, senior year. Hospital clinic. Two hours weekly. PROFESSOR GIFFORD, ADJUNCT PROFESSOR BICKNELL. Sectional clinics, DOCTOR LEMERE.


PEDIATRICS

PROFESSOR McCLEANAHAN, DOCTOR CHRISTIE

1. Pediatrics—This course considers all the gastro-intestinal diseases, the infections, the discrasiae, and the important part played by errors of diet in their production. Milk modification in all its
methods are described in detail, including the working out of percentages. The history and technique of intubation receives attention. Clinics at the College Dispensary, where many cases of the ordinary affections of infancy and childhood appear, afford practical application of the subject of the lectures. One hour lecture. One hour clinic. First semester, senior year.

Professor McClanahan, Doctor Christie.


4. Section Clinics in Pediatrics—Clinics at the Child-Saving Institute, where it is frequently possible to demonstrate practically the contagions, measles, scarlet fever, whooping cough and others as they occur in epidemic form. First semester, senior year.

Professor McClanahan, Doctor Christie.


SURGERY

Professor Jonas, Professor Davis, Professor Macrae, Professor Macrae, Jr., Professor Stokes, Doctor Updegraff, Doctor Ludington, Doctor Hunt, Doctor Edmiston, Doctor Dandy, Doctor Morison.

1. Principles of Surgery—The principles of surgery with a full description of the classification of tumors, their pathology, differentiation, relation to general diseases, manifestations, and operative and non-operative methods of treatment. Subjects are assigned for recitation covering the lectures on the principles of surgery, surgical pathology and tumors, the practice of surgery, surgical diseases, fractures and dislocations. At the general clinic at the College Dispensary cases are presented for diagnosis, operation, and treatment. At this clinic a considerable number of minor surgical cases receive attention, minor operations often being performed. The clinic at the Douglas County or Immanuel Hospitals where operations are performed for all manner of surgical diseases, affords excellent opportunity for demonstrating the subjects of the lecture and recitation courses. The practical use of anaesthetics, both local and general, receive due consideration at
THE COLLEGE OF MEDICINE

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this clinic. First semester, junior year. (a) Two hours lecture. PROFESSOR DAVIS. (b) Four hours recitation. DOCTORS LUDINGTON AND UPDEGRAFF. (c) Two hours dispensary clinic. One hour hospital clinic. PROFESSORS JONAS AND DAVIS, DOCTORS UPDEGRAFF, LUDINGTON DANDY, AND MORISON.


3. Bandaging—The uses and application of bandaging, plaster of Paris (including its preparation), and other surgicaldressings. Under the direction of the instructor students are required to apply dressings. One hour weekly. First semester, junior year. DOCTOR EDMISTON.

4. Practice of Surgery—Covers part of the ground gone over in the recitation in the junior year. References to observations in hospital clinics are frequently recalled and elaborated to fix essential points in diagnosis and treatment. The subjects of the hospital clinics are brought up for conference in the classroom when cases are more thoroughly discussed than the time allotted to operative work permits. Members of the class in rotation are assigned cases for examination, or illustrative cases are cited upon which they are required to make reports on diagnosis, pathology, and treatment. These reports are critically discussed in conference. Two hours general clinic at the College Dispensary, principally on minor surgery, including examination, diagnosis, treatment, and minor operations. Two hours at the Omaha Hospital in general and major surgery at which cases illustrative of the lecture course in practical surgery are thoroughly demonstrated, at which there are regular operations on all regions of the body, including celiotomies and amputations. Two hours at Immanuel, Wise Memorial, or Douglas County Hospitals, also furnish opportunity for similar instruction. Members of the class are required to assist at operations and administer anesthetics under direction, as occasions arise. First semester, senior year. (a) One hour lecture. One hour conference. PROFESSOR JONAS. (b) Six hours clinic. PROFESSORS JONAS AND DAVIS.


6. Demonstrations—Each member of the class is individually instructed in performing surgical operations on the cadaver. He is
required to master the details and steps of the more common operations necessary in practice, and is called on at times to perform ligations, amputations, excisions, celiotomies for various abdominal diseases, paracentesis, pleurotomy, rib resection, trephining, etc. Second semester, senior year.

Professor Jonas, Doctor Morison.

7. Section Clinics—Special clinics by appointment in all of the hospitals mentioned above and the Women's Christian Association Hospital, Council Bluffs. These clinics afford work in all branches of general and special surgery. First semester, senior year.

Professors Jonas, Davis, Macrae, Macrae Jr., Brown and Stokes.


10. Oral Surgery—A short course of lectures on the surgery of the mouth, in its relation to diseases of the teeth, and alveolar processes; the care of the teeth, and the influence of neglect of the mouth in the production of general and stomach disorders. Second semester, senior year.

Doctor Hunt.

ORTHOPEDIC SURGERY

1. Orthopedic Surgery—A description of the various deformities, their diagnosis, pathology, and treatment; also of the different joint diseases, their mechanical and other treatment. The practical study of the subjects of the lectures is pursued at the surgical clinics in the Omaha and Douglas County hospitals. Operative procedures and the study of progress in the cases treated. One hour lecture. First semester, senior year. Professor Jonas.

COLLEGE OF MEDICINE

STUDENTS—150

SENIORS—32

ALLIHAND, GEORGE ARTHUR ........................................... Griswold, Iowa
BELLINGER, SMITH W ................................................... Council Bluffs, Iowa
BENING, JOHN FRED ..................................................... Sutton
CAMPBELL, ROSCO ....................................................... Mt. Ayr, Iowa
DECKER, JAY C ............................................................ Council Bluffs, Iowa
DEMPSTER, ROY PAXSON ................................................. Omaha
EBY, CHARLES DANIEL .................................................. Grand Island
EDWARDS, JAMES ARCHIBALD ........................................... Glenwood, Iowa
EVERETT, OLIVER W ...................................................... Lincoln
GATES, FRANK VERNON .................................................. Glidden, Iowa
HART, JOHN FRANKLIN ................................................... Hastings
HUMMER, WARREN LEE .................................................. Panora, Iowa
KARRER, FRED WILLIAM ............................................... Osceola
KERR, JOHNSTON HARPER ............................................... Akron, Iowa
KNODE, RAY ARCHIBALD ............................................... Omaha
KOHOUT, JOSEPH A .......................................................... Wilber
MCArTHUR, HECTOR ....................................................... Omaha
MEISENBACH, JACOB EDWARD ......................................... Norman
MERRITT, EDWIN ATKINS ............................................... Red Oak, Iowa
NELSON, NEIL DAVID .................................................... Laramie, Wyo.
NYE, MARK ALVA .......................................................... Lexington
PANTER, ROBERT CARPENTER ........................................ Dorchester
PEDERSEN, PETER MARIUS .............................................. Dannebrog
PATTON, JAMES MCDOWELL ............................................ Bloomfield
PENNER, HENRY GERHARD ............................................ Beatrice
PENNER, LOUIS .............................................................. Beatrice
PREST, JOHN ELRY ........................................................ McCool Junction
PETR, FRANCIS ............................................................. Clarkson
SAMPLE, THOMAS EDWARD ........................................... Harvard
STUART, ALBERT BERRY ................................................ Harland, Iowa
TROSTLER, ISADORE SIMON ............................................ Omaha
UNDERWOOD, ROBERT BORDEN ..................................... Eldoria, Iowa
JUNIORS—26

ADAMS, BURTON ABEL ........................................................................................................ Hazel, S. D.
ANDERSON, WILLIAM HUGH ......................................................................................... Council Bluffs, Iowa
ARBOGAST, HOYE JOHN ............................................................................................... Bartley
BAKER, MILAN DANIEL .................................................................................................... Tilden
EMPEY, ERNEST SIDNEY ................................................................................................. Papillion
GARLAND, HARRIE SANBORN .......................................................................................... Harland, Iowa
HEINE, WILLIAM HOWARD ............................................................................................ Hooper
HOLM, ADOLPH HJALMAR ............................................................................................... Wolbach
JEFFERS, BERTRAND FREDERICK .................................................................................. Valentine
KENNEDY, CHARLES REX ............................................................................................... Plattsmouth
LANE, ARTHUR ERNEST ................................................................................................. Council Bluffs, Iowa
LAUZER, EDWARD S. ......................................................................................................... Hutchinson, Minn.
MCDONALD, GRUNDY E. ................................................................................................. Pierce
MASON, CLAUBE WILLIAM ............................................................................................... Omaha
MILLER, CLINTON JAMES ............................................................................................... Kennedy, S. D.
MORRIS, GEORGE HENRY ............................................................................................... Creston, Iowa
MORRISON, GEORGE ANDREW ....................................................................................... Bradshaw
PEDERSEN, HANS CHRISTIAN .......................................................................................... Dannebrog
POLEVOY, NINA ................................................................................................................ Vermillion, S. D.
POTTER, GEORGE BENJAMIN ........................................................................................... Omaha
RUMERY, ARTHUR CLARK ............................................................................................... Mason City
SMITH, ELDON JESSE ......................................................................................................... South Omaha
SWOBODA, FRANZ ................................................................................................................ Omaha
THOMSEN, JOHN ................................................................................................................ Audubon, Iowa
WAINWRIGHT, CORNELIUS ISAAC ................................................................................... Gretna
WIGTON, HARRISON A. ........................................................................................................ Omaha

SOPHOMORES—14

COATS, ALBERT JAMES ................................................................................................. Grand Rapids, Mich.
DEBEY, JOHN GERARD ..................................................................................................... Holland
EMERSON, CLARENCE ........................................................................................................ Lincoln
EPPLLEN, FREDERICK ....................................................................................................... Omaha
FAIRCHILD, NORA MAY ..................................................................................................... Kennard
FULLER, JOHN ANDRE ....................................................................................................... Omaha
HANSON, DAISY MAY .......................................................................................................... Lincoln
MORSMAN, LEON LEW ....................................................................................................... Omaha
PALMER, CLAUD ................................................................................................................ Pacific Junction, Iowa
Poole, Venus W.............................................. Lincoln
Robertson, Edwin Norris...................................... Omaha
Valentine, Edward................................................ Omaha
Willis, Charles Henry........................................... Lincoln
Wright, John........................................................ Wilcox

FRESHMEN—33

Ackley, Guy Winfield............................................. Juniata
Adams, Roy Bennett................................................ Lincoln
Allen, John Franklin............................................. Bradshaw
Arnold, Elmer William......................................... Lincoln
Berg, Matilda Louisa........................................... Dannebrog
Buis, John............................................................. Omaha
Christy, Edgar...................................................... Scribner
Clark, Ira Joseph..................................................... McCook
Hamill, Robert Anderson....................................... Lincoln
Hanna, Leo Gregory............................................... Providence, R. I.
Harrison, Paul Wilberforce...................................... Scribner
Hyde, John Fay.................................................... Normal
Johnston, Eldon Thomas......................................... Omaha
Lieber, Charles................................................... Ft. Crook
Manville, Leon Albert........................................... Spencer
Meredith, Ernest Lewis.......................................... Ashland
Monday, D. Darlyne............................................... Edison
Paine, Andrew Everett........................................... Lyons
Platz, Ada............................................................. Lincoln
Potts, John Beekman............................................. Pawnee City
Prichard, George Winthrop.................................... University Place
Pruner, William H.................................................. Kennard
Stanley, Emory Day............................................... South Omaha
Stokes, Charles Stewart......................................... Lincoln
Stokes, Guy P......................................................... Sioux Falls, S. D.
Sullivan, George Webster....................................... Lincoln
Tucker, Ada Almira............................................... Lincoln
Tucker, Winifred Marie........................................... Lincoln
Walker, George Heman........................................... Norfolk
Ware, Edward Miller............................................. Pawnee City
Warner, Merle F..................................................... Council Bluffs, Iowa
Weckesser, Henry Peter.......................................... Lincoln
Woodard, James Madison....................................... Aurora
## THE SIX YEAR COMBINED COURSE

### SECOND YEAR—13

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Charlton, Albert Tutton</td>
<td>Ord</td>
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<tr>
<td>Dayton, Frank Thompson</td>
<td>Lincoln</td>
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<tr>
<td>Farnsworth, Salina Esther</td>
<td>Lincoln</td>
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<tr>
<td>Lambert, Schuyler Colfax</td>
<td>Neligh</td>
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<td>Moore, John Clyde</td>
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<td>Morrow, Frank Henry</td>
<td>Atkinson</td>
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<td>Penfield, N. Louis</td>
<td>St. Edward</td>
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<td>Rinker, Casper Lucas Abel</td>
<td>Lincoln</td>
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<tr>
<td>Rubendall, Clarence</td>
<td>Madison</td>
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<tr>
<td>Sidwell, Lawrence Tweedy</td>
<td>Omaha</td>
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<td>Skeen, Earl Donovan</td>
<td>Omaha</td>
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<tr>
<td>Somerville, Glenn A.</td>
<td>McCook</td>
</tr>
<tr>
<td>Thompson, Irwin Levi</td>
<td>West Point</td>
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### FIRST YEAR—11

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Decou, Robert Austin</td>
<td>Lincoln</td>
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<tr>
<td>Gramlich, Ralph Clifford</td>
<td>South Omaha</td>
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<tr>
<td>Henney, William Henry</td>
<td>De Smet, S. D.</td>
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<tr>
<td>Hewitt, George Linus</td>
<td>Friend</td>
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<tr>
<td>Hoff, John Christopher</td>
<td>Wisner</td>
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<tr>
<td>Hospers, Jacob C.</td>
<td>Orange City, Iowa</td>
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<tr>
<td>Ivins, Richard Lynn</td>
<td>Omaha</td>
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<tr>
<td>Mantor, Harry Lyman</td>
<td>Cozad</td>
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<td>Putnam, Frank Israel</td>
<td>Omaha</td>
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<tr>
<td>Simms, John Shaffer</td>
<td>Alma</td>
</tr>
<tr>
<td>Wilson, James Lee</td>
<td>Rushville</td>
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### UNCLASSED STUDENTS—21

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Anderson, Paul Selby</td>
<td>Lincoln</td>
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<tr>
<td>Boggs, James Eflo</td>
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<td>Boston, Clyde Thomas</td>
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<td>Bradshaw, Thomas LeVerne</td>
<td>Superior</td>
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<td>Branson, Charles Blaine</td>
<td>Kearney</td>
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<td>Brigham, Byron Deane</td>
<td>Tamora</td>
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<td>Campion, William Joseph</td>
<td>Beaver Crossing</td>
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<td>Conkling, Ralph D.</td>
<td>Tekamah</td>
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</table>
DAILEY, THOMAS EDWARD........................................ Lincoln
DORWART, JASON WATSON.......................................... Friend
FELLERS, ELBERT WESLEY.......................................... University Place
GIFFORD, ARTHUR BEDFORD........................................ Lincoln
HOUSEL, WILLIAM ALVIN........................................ Bethany
JAMES, DAVID BURT................................................... Lincoln
KIRK, JAMES REAMS................................................... Burr Oak, Kas.
LEWIS, HARVEY NELSON........................................... College View
MEREDITH, BRUCE CLYDE.......................................... York
OLSON, EDDIE MARTIN............................................. Orleans
REDFERN, DOC LEONARD........................................... Auburn
STURDEVANT, LA ZELLE BRANTLEY................................. Atkinson
TOROSSIAN, MIHRAN HACHER........................................ Lincoln