

1903

Bulletin of the University of Nebraska: Annual Catalog of the College of Medicine, 1903-1904

University of Nebraska College of Medicine

Tell us how you used this information in this [short survey](#).

Follow this and additional works at: https://digitalcommons.unmc.edu/bulletin_com



Part of the [History Commons](#), and the [Medical Education Commons](#)

Recommended Citation

University of Nebraska College of Medicine, "Bulletin of the University of Nebraska: Annual Catalog of the College of Medicine, 1903-1904" (1903). *Bulletin of the University of Nebraska: Annual Catalog of the College of Medicine*. 39.

https://digitalcommons.unmc.edu/bulletin_com/39

This Book is brought to you for free and open access by the Bulletins and Catalogs at DigitalCommons@UNMC. It has been accepted for inclusion in Bulletin of the University of Nebraska: Annual Catalog of the College of Medicine by an authorized administrator of DigitalCommons@UNMC. For more information, please contact digitalcommons@unmc.edu.

University Bulletins

Series VIII, Number 5

THE UNIVERSITY OF NEBRASKA

THE COLLEGE OF MEDICINE

SUCCESSOR TO THE OMAHA MEDICAL COLLEGE



June, 1903
THE UNIVERSITY PRESS
Lincoln, Nebraska

The university bulletins are issued one or more every month during the collegiate year. One is issued for the graduate school; one for the college of literature, science and the arts; one each for the industrial college, the college of law, and the college of medicine; one each for the schools of art, agriculture, domestic science, mechanic arts and music; and one for the special collegiate courses. Bulletins are entered at the Lincoln post-office as second-class matter, and are furnished gratuitously, postage paid, to all who apply for them. In calling for bulletins, please name the department of the university concerning which information is desired.

Address,

THE REGISTRAR,

THE UNIVERSITY OF NEBRASKA,

Lincoln, Nebraska.

CALENDAR 1903-1904

1903

- September 15, T., to 18, F., inclusive, examination and registration
September 19, S., annual opening address by the chancellor
September 21, M., first semester begins
November 25, W., 6 P.M., to 30, M., 8 A.M., inclusive, Thanksgiving recess
December 8, T., regular meeting of board of regents
December 18, F., 6 P.M., Christmas holidays begin

1904

- January 4, M., 8 A.M., Christmas holidays end
January 25, M., to 29, F., inclusive, first semester examinations and examination and registration for the second semester
February 1, M., second semester begins
February 15, M., charter day. Regular meeting of the board of regents. Eighth mid-winter commencement
March 31, Th., 6 P.M., to April 5, T., 8 A.M., inclusive, Easter recess
April 5, T., regular meeting of the board of regents

FOR THE WORK IN OMAHA

1903

- September 22, T., 8 P.M., opening address
September 23, W., lectures begin
September 25, F., examinations for advanced standing
September 26, S., entrance examinations
November 25, W., 6 P.M., to 30, M., 8 A.M., inclusive, Thanksgiving recess
December 23, W., 6 P.M., Christmas vacation begins

1904

January 4, M., winter term begins
February 22, M., Washington's birthday—holiday
May 14, S., senior lectures end
May 20, F., all lectures end
May 18, W., to 21, S., inclusive, senior examinations
May 23, M., to 25, W., inclusive, examinations
May 26, Th., commencement

THE COLLEGE OF MEDICINE

THE FACULTY

ELISHA BENJAMIN ANDREWS, LL. D.

Chancellor and President of the Senate

(102 U.) 1410 Q St.

HENRY BALDWIN WARD, Ph. D.

Dean of the College of Medicine; Professor of Zoology

(204 N.) 1520 D St.

HAROLD GIFFORD, B. S., M. D.

*Associate Dean of the College of Medicine; Professor of
Ophthalmology and Otology*

405 Karbach Block, Omaha

HENRY HUDSON NICHOLSON, A. M.

*Professor of Chemistry and Director of the Chemical Lab-
oratories*

(10 C.) 1133 S. 12th St.

CHARLES EDWIN BESSEY, LL. D.

Professor of Botany

(110 N.) 1504 S St.

JOHN WHITE, Ph. D.

Professor of General and Physical Chemistry

(8 C.) 1109 F St.

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

Council Bluffs, Ia.

WELLINGTON SMITH GIBBS

*Professor of Principles and Practice of Medicine and Clin-
ical Medicine*

202 Brown Block, Omaha

EWING BROWN, M. D.

Professor of Didactic and Clinical Gynecology

1026 Park Ave., Omaha

- ✓ BYRON BENNETT DAVIS, M. D.
Professor of Principles of Surgery and Clinical Surgery
202 Bee Building, Omaha
- ✓ WILLIAM FORSYTH MILROY, M. D.
Professor of Clinical Medicine and Physical Diagnosis
312 McCague Building, Omaha
- ✓ WILLSON ORTON BRIDGES, M. D.
Professor of 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 Practice of Surgery and Clinical Surgery
317 Continental Block, Omaha
- ✓ HARRY MONROE McCLANNAHAN, M. D.
Professor of Diseases of Children 1312 N. 40th St., Omaha
- ✓ OSCAR SAMUEL HOFFMAN, M. D.
Professor of Clinical Medicine 324 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 Council Bluffs, Iowa
- ✓ ARTHUR CHARLES STOKES, M. D.
Professor of Chemistry and Instructor in Genito-Urinary Surgery
213 McCague Building, Omaha
- ✓ VERNON LAWRENCE TREYNOR, M. D.
Professor of Clinical Medicine Council Bluffs, Iowa
- ✓ 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

The Faculty

7

- HANS PETER JENSEN, M. D.
Professor of Electro-Therapeutics 2804 Harney St., Omaha
- RAYMOND GUSTAVUS CLAPP, M. D.
Professor of Physical Education (c.)
- FRANCIS ALBERT BROGAN
Professor of Medical Jurisprudence
N. Y. Life Building, Omaha
- NEWTON JAMES RICE
Associate Professor of Materia Medica Council Bluffs, Ia.
- ROBERT HENRY WOLCOTT, A. M., M. D.
*Associate Professor of Zoology; Demonstrator in Anatomy,
in charge of the Anatomical Laboratory* (204 N.)
- HERBERT HAROLD WAITE, A. M., M. D.
Assistant Professor of Bacteriology and Pathology
- WILLIAM HULL RAMSEY, M. D.
Assistant Professor of Anatomy 35 Douglas Block, Omaha
- ANNE LOUISE BARR
*Adjunct Professor of Physical Education and Director of the
Women's Gymnasium* (c.) 641 S. 13th St.
- GEORGE HAMLIN BICKNELL, M. D.
Adjunct Professor of Ophthalmology and Otology
405 Karbach Block, Omaha, Neb.
- WILLIAM ALBERT WILLARD, A. M.
Adjunct Professor of Zoology (207 N.)
- RALPH STAYNER LILLIE, A. M., Ph. D.
Adjunct Professor of Physiology
- AARON WELCH EDMISTON, M. D.
Lecturer in Bandaging and Surgical Dressings
3 Creighton Block, Omaha
- ALFRED OLAF PETERSON, M. D.
Lecturer in Biology and Embryology
16th and Howard Sts., Omaha
- AUGUSTUS DAVIS CLOYD, M. D.
Lecturer in Life Insurance Examinations Omaha
- ALFRED ONIAS HUNT, D. D. S.
Lecturer in Dental Surgery 12th and Pacific Sts., Omaha

The College of Medicine

- PAUL LUDINGTON, A. B., M. D.
Adjunct to the Chair of Principles of Surgery
204 Bee Building, Omaha
- GEORGE MOGRIDGE, M. D.
Lecturer in Arrested Development
Glenwood, Ia.
- ADOLPH BERNARD LINDQUEST, A. B., M. D.
Assistant to the Chair of Obstetrics and Diseases of Children
Omaha
- BENJAMIN FRANKLIN PARK, M. D.
Assistant to the Chair of Obstetrics
Omaha
- LEE BRADLEY VAN CAMP, M. D.
Demonstrator of Anatomy
301 Paxton Block, Omaha
- ELMER JAMES UPDEGRAFF, M. D.
Adjunct to the Chair of Practice of Surgery
- RUFUS ASHLEY LYMAN, A. M., M. D.
Instructor in Physiology and Histology, in charge
1105 Pacific St., Omaha
- AVINGTON ADAM EDGINGTON, M. D.
Instructor in Anatomy
Omaha
- GEORGE BROWN DANDY, M. D.
Instructor in Anatomy
Omaha
- WILLIAM PENALUNA WHERRY, M. D.
Clinical Assistant in Laryngology and Rhinology
Omaha
- CHARLES CAMPBELL MORISON
Clinical Assistant in Surgery
Omaha
- HIRAM WINNETT ORR, M. D.
Lecturer in History of Medicine
Lincoln
- CHARLES WILLIAM MCCORKLE POYNTER, M. D.
Quiz Master in Human Anatomy
Lincoln

The Faculty

9

COLLEGE OF MEDICINE DISPENSARY STAFF

INTERNAL MEDICINE

DOCTOR GIBBS DOCTOR MILROY

Assistants: DOCTORS LINDQUIST B. W. CHRISTIE WEYMULLER

SURGERY

DOCTOR JONAS DOCTOR DAVIS

Assistant: DOCTOR C. C. MORISON

EYE AND EAR

DOCTOR HAROLD GIFFORD

Assistants: DOCTOR STRADER DOCTOR LEMERE

NOSE AND THROAT

DOCTOR OWEN

Assistant: DOCTOR WHERRY

PEDIATRICS

DOCTOR McCLANNAHAN

Assistant: _____

OBSTETRICS

DOCTOR SOMERS

Assistant: DOCTOR PARK

GYNECOLOGY

DOCTOR BROWN

Assistant: DOCTOR VAN FLEET

NERVOUS DISEASES

DOCTOR LOWRY DOCTOR AIKIN

DERMATOLOGY

DOCTOR HOFFMAN

GENITO-URINARY SURGERY

DOCTOR STOKES

SECRETARY OF THE CLINIC

DOCTOR LUDINGTON

GENERAL INFORMATION

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.

The college is now an integral part of the university. For the present the work of the first and second years may be taken either in Omaha or in Lincoln. The requirements for entrance are the same. Later the work of the first two years in the course is to be done exclusively at the university. Students will then do the preliminary scientific work at the university, a great gain, placing at the disposal of students in the first years of their medical study advantages such as but few medical schools in the country offer. The university laboratories are well equipped with modern appliances and directed by men of thorough training, live experience and broad scholarship. These teachers devote their entire time to instruction and supervision. The university atmosphere is favorable to breadth of mind and firm intellectual grasp, qualities indispensable to high success in medicine.

The work of the last two years is done exclusively at the college in Omaha. That city affords unrivaled clinical facilities. This branch of the college with its large opportunities bends all its energies to clinical and technical work. The clinical courses are constantly being strengthened and clinical facilities multiplied so that the institution must take position in the front rank of medical schools.

ENTRANCE

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 six years the bachelor's degree and 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. Requirements for admission are stated below.

Although properly prepared students who can not 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.

Applicants for admission present themselves to the registrar, who furnishes them with application blanks and directions for proceeding with their examinations, if any, 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 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 TO THE COLLEGE OF MEDICINE

For admission to the freshman class in the college of medicine a candidate must present entrance "credits" equal to 24 "points" (see below) or a total of 120 recitation or credit hours. Conditional admission is permitted on the minimum of 20 credit points or 100 credit hours. In special cases, upon written recommendation from a superintendent or a principal, candidates are admitted with less than the normal number of credit "points."

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.

A. Subjects absolutely required (18 points)	
Algebra (to simultaneous quadratics), 1 year, 5 hours a week	2 pts.
Plane geometry, 1 year, 5 hours a week.....	2 pts.
English composition, 2 years, 5 hours a week.....	4 pts.
History (Greek and Roman or American), 1 year, 5 hours a week	2 pts.
Language (2 points must be Latin), 2 years, 5 hours a week	4 pts.
Science (physics, chemistry, botany, zoology), 2 years, 5 hours a week.....	4 pts.
	<hr/> 18 pts.

In addition to the above named subjects which are required, no substitutes being accepted, applicants must present evidence of preparation in 6 points to be chosen from the optional list below :

B. Optional (6 points)	
English, 1 year, 5 hours a week.....	2 pts.
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, ½ 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, ½ year, 5 hours a week	1 "
Astronomy (1)	} ½ year each, { Not more than 5 hours a { 3 points ac- week. } cepted.
Civics (1)	
Geology (1)	
Physical geography (1)	
Physiology and hygiene (1)	
Political economy (1)	

Requirements for admission to the six-year combined academic and medical courses are stated in the

requirements for admission to the academic and industrial colleges of the university (see bulletin for undergraduate colleges.)

REGISTRATION

Students are required to register promptly at the beginning of each semester. A wider range of optional 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 three dollars 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.

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

In order to comply with the rules of the medical examination boards of several states a student taking the combined course for A. B. or B. Sc. and M. D. must matriculate and register in the college of medicine at the beginning of each year's work in medicine. If he is to be a candidate for the bachelor's degree he must at the same time continue to register in one of the general colleges.

The courses in human anatomy, bacteriology, pathology and medical zoology are open only to students registered in the college of medicine. A junior or a

senior in the college of literature, science and the arts or in the industrial college may take any of these courses by registering 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 college of medicine course so taken by a student in either of the general colleges shall in no case be less than five dollars a semester.

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

Students can not 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 five dollars.

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 brief time may be granted a student by the dean of his college. This leave is merely a justification for the absence and not an excuse from any work.

A student in good and honorable standing finding it necessary to withdraw from the university before the close of a semester is granted a permit to do so by the registrar. Students in good standing not minors are given honorable dismissal from the university at their own request, and 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, when students may call seeking advice or encouragement in their work.

ADVANCED STANDING

Upon presentation of proper credentials advanced standing may be given as follows:

Graduates of recognized universities or colleges where the degree includes satisfactory courses in biology and chemistry are admitted to the sophomore year.

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 such cases credits equal to those required by

this college for admission must be furnished by the applicant.

REQUIREMENTS FOR GRADUATION

The following are the requirements for the degree of doctor in medicine:

1. The candidate must be twenty-one years of age. He shall have complied with all the requirements for admission, and not be delinquent in any portion of his fees. His moral character must be unquestioned. He must have completed all required courses and have passed a satisfactory examination on all required studies in the full curriculum.

2. He must have pursued the study of medicine four years, and have received credit for at least four full courses of instruction in different years at medical schools in good standing. The last course must have been in this institution.

3. Every candidate for graduation must undergo 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 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. Independent work in the laboratory is alone 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, which makes constant use 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 no topic can be passed unless thoroughly mastered.

The size of the classes permits personal instruction in every topic, each student standing continually close to his instructors.

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 university laboratories, which are well equipped with the necessary apparatus.

The college building in Omaha, completed in 1899, 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. The first story contains a large students' lobby and the free dispensary, the latter comprising a waiting room for patients, a drug room and numerous clinic rooms for the systematic examination and treatment of patients.

The second floor contains an amphitheater with seating capacity for 250 students. It also contains the library, the reading room, the X-ray room and a commodious coat room.

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

The fourth floor is wholly given up to microscopic work. Here 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 central portion of the room.

These tables are supplied with gas and running water and are made as convenient as possible to conserve the time of the student. In front of each window is placed a table furnished with gas attachments and Bunsen burners. In this room are lockers so that each student is provided with a safe place for his working outfit.

The histological and pathological laboratories are constructed on a commodious plan and provided with abundant light. The arrangement is such that the class may be assembled at a moment's notice from their laboratory desks to recitation benches at one end of the room, where demonstrations may be made from gross specimens, by 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 will be set free for the expansion of the advanced instruction.

HOSPITALS

THE OMAHA (METHODIST) HOSPITAL

Surgical clinics are conducted every Wednesday from 8 to 12 o'clock by Professor Jonas; eye and ear clinics Wednesdays from 2 to 4 o'clock by Professor Gifford, medical clinics by Professors Bridges and

Gibbs, by appointment. Dr. Thomas Truelson, class 1903, is the resident physician for the present year. This hospital is soon to be enlarged. Suitable ground has been purchased in one of the most beautiful and healthful sections of Omaha, and plans for a new building have been completed. The new structure will be fire proof and modern in every respect.

IMMANUEL HOSPITAL

This hospital is beautifully located, well equipped according to modern ideas, and adapted to the application of scientific methods in treating patients. It contains an operating amphitheater exclusively for the students of this college. The resident physician is appointed each year from the graduating class. Dr. J. H. Walker, class of 1903, is the present incumbent. The term of service is one year, room and board being furnished by the hospital. In connection with the hospital is a training school for nurses.

DOUGLAS COUNTY HOSPITAL

This large hospital, costing \$200,000, has accommodations for 300 patients, including a maternity pavilion and an insane department. It is under the charge of the county commissioners, and is the charity hospital of Douglas county. All departments of medicine find clinical illustration in its wards, and the weekly clinics in medicine and surgery give the student exceptional opportunities for direct and personal instruction. Dr. D. F. Lee, class 1902, is the

resident physician. Students of the college are admitted to all the clinics held here.

HOSPITAL APPOINTMENTS

From the graduating class of the college of medicine one interne is chosen each year for the Omaha (Methodist) hospital, and one for the Immanuel hospital. The position of resident physician in the Douglas county hospital is also open to graduates of the university college of medicine. Several graduates of the university college of medicine each year secure positions in other hospitals in Nebraska and other states, and 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.

THE COLLEGE DISPENSARY

The college dispensary is an integral part of the college. It is designed for the treatment of all worthy charitable cases that may apply. The portion of the college building set apart for the dispensary contains the necessary consultation rooms, including a well equipped dark room for use in eye, ear, nose, and throat work. A drug room is also maintained. In this, members of the freshman class are given practical instruction in compounding prescriptions under the supervision of a trained pharmacist. The mate-

rial available at the dispensary is ample to demonstrate the usual diseases met with in practice. Very unusual ones are often seen. By means of the section clinic all this material is directly available for the student, the more advanced students examining, diagnosing, and treating these cases under the direction of the instructors in the same way as the practicing physician. Selected cases from the dispensary are shown in the general clinic in the amphitheater, and are thus available for all students not otherwise engaged.

LIBRARIES

IN OMAHA

A neatly furnished and comfortable apartment is provided as a quiet place for study at odd hours. This is also the home of the college library under the supervision of Dr. G. L. Strader. It contains about 1,000 volumes, including a good, up-to-date collection of text-books covering the entire range of medical science. It is not designed to obviate the necessity of students possessing their own text-books, but it enables them to investigate points in which they are specially interested more fully than they otherwise could do. Periodical literature is on file.

The Omaha public library contains sixty thousand volumes, including a very good medical library. The use of it is extended free of charge to students in the college.

IN LINCOLN

The university library, and that of the state historical society on the campus, the state library at the capitol and the Lincoln city library in the new Carnegie building, containing together 120,000 volumes, are easily accessible to students. All possess works of general and special importance to the medical student. The first is strong along the scientific lines which are the particular work of the student in his first two years, having special departmental libraries in botany, chemistry, hygiene, physiology and zoology. The Lincoln city library contains that of the state medical society. The university library has a special medical alcove for the use of the college with a strictly medical library.

PRIZES

The following prizes are offered for 1903-1904:

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 are excluded.

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

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 changes in location occur.

The Lincoln medical society of the university of Nebraska 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. 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 objects similar to the above. It meets bi-weekly for the discussion of medical topics.

FEES

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 building 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 following schedule of fees for the college of medicine is in force for 1903-1904:

Matriculation fee	\$ 5 00
Diploma fee	5 00

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 00
---------------------------------------	---------

FIRST AND SECOND YEAR FEES (LINCOLN)

Tuition first semester	\$15 00
Tuition second semester	10 00

LABORATORY FEES

Anatomy, each semester	\$10 00
Bacteriology, each semester	5 00
Pharmaceutical botany (33, 34), each semester	2 00
Chemistry, A. B., each semester	4 00
Histology and embryology, each semester	5 00
Pathology, each semester	5 00
Physiology, each semester	2 00
Zoology 1, 2, general and medical, each semester.....	2 00

FEES FOR STUDENTS IN OMAHA

The schedule of fees in force prior to May 1, 1900, continues to apply to all persons then matriculates of the Omaha college of medicine.

General Information

27

FRESHMAN YEAR

Fees for all the required exercises of the year, including	
dissection fees	\$75 00
Breakage deposit	10 00
Examination fee	5 00

SOPHOMORE YEAR

Fees for all required exercises, including all dissection	
material	\$75 00
Breakage deposit	10 00
Examination fee	5 00

JUNIOR YEAR

Fees for all required exercises of the year, including all	
clinic fees	\$75 00
Breakage deposit	10 00
Examination fee	10 00

SENIOR YEAR

Fees for all required exercises, including laboratory and	
clinic fees	\$75 00
Examination fee	10 00

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

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

A graduate of any recognized medical college desiring to attend the Omaha department of the university college of medicine may be permitted to do so on the payment of a fee of \$10.00.

Choice of seats is assigned in the order of matriculation, and choice of microscopes and desks in the order of the presentation of receipts for laboratory fees. Parts for dissection are assigned to students in

the order of payment of their entire fees for the session. The fees are payable at the college building when the session opens.

MISCELLANEOUS INFORMATION

FOR MEDICAL STUDENTS IN OMAHA

By calling at the college building, corner Twelfth and Pacific streets, on arrival in the city, students are materially aided in securing rooms. The college is reached by walking one block south and two west from the Union and Burlington depots at Tenth and Mason streets, and by taking the Thirteenth street car line south at the Webster street depot, getting off at Pacific street. Baggage should be left checked at the depot until rooms are secured and save the expense of transfer.

Special season tickets are issued by the Y. M. C. A. of Omaha to students of the college of medicine. Such a ticket admits, at very small cost, to the baths, gymnasium, parlors, lectures, concerts and many other valuable privileges to be found in the magnificent association building.

The cost of living in Omaha varies from three to five dollars per week, or more, according to the means and habits of the student. Very successful students' clubs furnish a pleasant and economical mode of living.

A growing interest in the athletic association among the students is apparent. In approving recognition of this there has been constructed, in the

basement, for the use of the football team, a shower-bath with suitable dressing rooms.

FOR MEDICAL STUDENTS IN LINCOLN

Board and lodging may be obtained in private families at a cost of from \$3.00 per week upward. Numerous student clubs are also organized. In September a canvass of the city is made by the Y. M. C. A. and Y. W. C. A., at whose rooms a list of boarding places can always be secured. These associations render valuable assistance to new students in finding accommodations. The Y. M. C. A. also maintains an employment bureau, the services of which are free to all students. Many opportunities for work exist in Lincoln, and many students thus defray a part of their own expenses. But the university guarantees employment to no one, and no one should plan to enter upon the work of the university unless he has resources for one semester's work, about \$125.

Students in the college of medicine have the privileges of other students in the university. The gymnasium is open to them with the advice of the director as to the character and amount of physical exercise adapted to each case. Well equipped baths in the armory are open daily at regular periods. Military drill is also offered, though not required of medical students.

Opportunities in athletics are afforded in every sort of sport, and there is abundant occasion to witness athletic games of high rank as well as to engage in such.

CURRICULUM

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 bulletin for the general 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 premedical group, which was adopted by the regents April, 1902, on recommendation of the university faculty. 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

	CREDIT HOURS
Chemistry 1, 2	2 hours
Physics 1, 2	3 "
Modern language (German)	5 "
Zoology 1, 2	3 "
English 1, 2	2 "
Hygiene, osteology	2 "
Drill	
	17 hours

Instruction

31

SECOND YEAR

	CREDIT HOURS
Botany 1, 2	3 hours
Chemistry 3, 4	3 "
Zoology 5, 8	4 "
Modern language	5 "
Drill	5 "
	15 hours

THIRD YEAR

Pharmaceutical botany	2 hours
Physiology	2 "
Physics 3, 4	2 "
Zoology 9, 10	3 "
Psychology	3 "
Human anatomy	4 "
	16 hours

FOURTH YEAR

Human anatomy	4 hours
Bacteriology	2 "
Physiological chemistry	3 "
Pathology	2 "
Physical diagnosis	2 "
Advanced physiology	2 "
History of medicine	1 "
	16 hours

FIFTH YEAR

Bacteriology and pathology—Two hours laboratory	1
Therapeutics—One hour lecture	1
Surgical anatomy—One hour lecture	1
Physical diagnosis—One hour lecture	1
Medicine—Four hours lecture. Four hours clinic.....	6
Surgery—Four hours lecture. Three hours clinic.....	5
Obstetrics—One hour lecture	1
Physiological chemistry—Two hours laboratory	1
Bandaging and dressing—One hour lecture.....	1
Eye and ear—One hour lecture	1

19

SIXTH YEAR

	CREDIT HOURS
Medicine—Four hours lecture. Four hours clinic.....	6
Surgery—Three hours lecture. Five hours clinic.....	5
Obstetrics—Two hours lecture	2
Gynecology—One hour lecture	1
Eye and ear—One hour lecture. Two hours clinic.....	2
Throat and nose—One hour lecture	1
Nervous diseases	2
Pediatrics—One hour lecture. One hour quiz. One hour clinic	2
Dermatology—One hour lecture	1
Genito-urinary surgery—One hour lecture	1
Railway surgery—One hour lecture. First semester....	½
Electro-therapeutics—One hour lecture. Second semester..	½
Medical jurisprudence—One hour lecture for 12 weeks...	½
Dental surgery—One hour lecture. First semester.....	½
Life insurance—One hour lecture. Second semester.....	½

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

FOUR-YEAR MEDICAL COURSE

The curriculum embraces four years of graded instruction, eight to nine months each, and is outlined in the following synopsis, which must be conformed to by all students. 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 must take the entire work again.

Instruction

33

FRESHMAN YEAR

	CREDIT HOURS
Anatomy	4
Chemistry	2
General physiology	2
Bacteriology	2
Pharmacology	2
General and medical zoology	3
History of medicine.....	1

SOPHOMORE YEAR

Anatomy	4
Chemistry, organic and physiological	4
Special physiology	2
Histology and embryology	2
Hygiene and physical diagnosis	2
Pathology	2

JUNIOR YEAR

Bacteriology and pathology—Two hours laboratory	1
Therapeutics—One hour lecture	1
Surgical anatomy—One hour lecture	1
Physical diagnosis—One hour lecture	1
Medicine—Four hours lecture. Four hours clinic.....	6
Surgery—Four hours lecture. Three hours clinic.....	5
Obstetrics—One hour lecture	1
Physiological chemistry—Two hours laboratory.....	1
Bandaging and dressing—One hour lecture.....	1
Eye and ear—One hour lecture	1

SENIOR YEAR

Medicine—Four hours lecture. Four hours clinic.....	6
Surgery—Three hours lecture. Five hours clinic.....	5
Obstetrics—Two hours lecture	2
Gynecology—One hour lecture	1
Eye and ear—One hour lecture. Two hours clinic.....	2
Throat and nose—One hour lecture	1
Nervous diseases	2

	CREDIT HOURS
Pediatrics—One hour lecture. One hour quiz. One hour clinic	2
Dermatology—One hour lecture	1
Genito-urinary surgery—One hour lecture	1
Railway surgery—One hour lecture. First semester.....	$\frac{1}{2}$
Electro-therapeutics—One hour lecture. Second semester.	$\frac{1}{2}$
Medical jurisprudence—One hour lecture for 12 weeks....	$\frac{1}{2}$
Dental surgery—One hour lecture. First semester.....	$\frac{1}{2}$
Life insurance—One hour lecture. Second semester.....	$\frac{1}{2}$
Note.—In addition there are section clinics running all the year.	

INSTRUCTION

ANATOMY

ASSOCIATE PROFESSOR WOLCOTT, DOCTOR POYNTER
IN OMAHA, DOCTOR RAMSEY, DOCTOR EDGINGTON, DOCTOR DANDY

The object of this department is to present the subject of human anatomy in the most modern, strictly scientific form. The student is expected to spend in the laboratory three hours per day during the first two years of his course. Daily 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 different types of mankind, and from the study of human anomalies, together with such occasional references to embryology as will enable the student the better to understand the structure of the human body, while finally, emphasis is laid upon such general facts derived from the study of the body as serve to correlate details learned by laboratory dissection and to give the student 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 make immediate reference to 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. Serial sections of human body. Two hours attendance. Eight hours laboratory. Four hours credit. First semester, freshman year. Associate professor Wolcott and Doctor Poynter.
2. Continuation of course 1. Second semester.
3. Regional and practical anatomy. Laboratory work in neurology. Dissection of the organs of special sense. Dissection of the genital organs. Special assigned topics. Two hours attendance. Eight hours laboratory. Four hours credit. First semester, sophomore year. Associate professor Wolcott and Doctor Poynter.
4. Continuation of course 3. Second semester.
5. Surgical anatomy. Lecture course. One hour credit. First semester. Junior year. Doctor Ramsey.
6. Continuation of course 5. Second semester.

BACTERIOLOGY AND PATHOLOGY

ASSISTANT PROFESSOR WAITE, DR. —

BACTERIOLOGY

A study of both pathogenic and non-pathogenic bacteria. Typical non-pathogenic organisms are first fully worked out, training the student in technique. Sterilization. Methods of culture. Conditions necessary for growth. Morphology and chemistry of bacteria. Their relations to other forms of life. Study of disease-producing bacteria.

COURSES

1. Two hours lecture and quizzes. Four hours laboratory. First semester. Freshman year. Assistant professor Waite.
2. Continuation of course 1. Second semester.

PATHOLOGY

All sections for laboratory work are given out as "unknowns." The student is required to identify the tissue and describe departures from the normal. Diagnosis and a complete written description of all changes. Drawings of all typical sections studied.

COURSES

1. Two hours lecture and two hours quizzes. Four hours laboratory. First semester. Sophomore year. Assistant professor Waite.
2. Continuation of course 1. Second semester.
3. Lecture and demonstration of gross and microscopic specimens. Two hours lecture. First semester. Junior year. Assistant professor Waite.
4. Continuation of course 3. Second semester.

BOTANY

PROFESSOR BESSEY, ADJUNCT PROFESSOR HEALD

COURSES

1. Pharmaceutical botany and the elements of pharmacology. A single course on the structural characteristics of the principal drugs derived from plants, their preparation, and physiological effects. Two lectures and text-book exercises, and two periods of laboratory work. Professor Bessey and Adjunct professor Heald.
2. Continuation of course 1. Second semester.

CHEMISTRY

PROFESSOR NICHOLSON, PROFESSOR WHITE, MISS FOSSLER
IN OMAHA, DOCTOR STOKES, DOCTOR —

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 take 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. Two hours credit. First semester. Professor Nicholson.
2. Continuation of course 1. Second semester.
3. Elementary organic chemistry. The important classes of organic substances. Preparation, in the laboratory, of typical compounds. Two hours attendance. Two hours credit. First semester. Miss Fossler.
4. Continuation of course 3. Second semester.
33. Physiological chemistry. The organic compounds. The chemical processes of physiological importance. Two hours attendance. Two hours credit. First semester. Professor White.
34. Continuation of course 33. Second semester.

PHYSIOLOGY

ADJUNCT PROFESSOR LILLIE

IN OMAHA, DOCTOR LYMAN

COURSES

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. Adjunct professor Lillie.
2. Continuation of course 1. Second semester.
3. Advanced physiology. General and comparative physiology. Application of physical chemistry to problems of physiology.

Physiology of central nervous system and sense organs, special and comparative. Two hours lecture. Four hours laboratory. Two hours credit. First semester. Sophomore year. Adjunct professor Lillie.

4. Continuation of course 3. Second semester.

ZOOLOGY

PROFESSOR WARD, ASSOCIATE PROFESSOR WOLCOTT, ADJUNCT
PROFESSOR WILLARD, ADJUNCT PROFESSOR LILLIE,
MR. BROWN

Laboratory has Zeiss and Leitz microscopes, Reinhold-Giltay, 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.

COURSES

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 haematozoa and helminthes. Two hours lecture and quiz. Four hours laboratory. First semester. Professor Ward and Adjunct professor Willard.
2. Continuation of course 1. Second semester.
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. First semester. Adjunct professor Lillie.

10. Vertebrate embryology. Survey of general embryology. Review of the development of man. Laboratory work on frog, chick, and pig. Methods of graphic and plastic reconstruction. One hour lecture and quiz. Six hours laboratory. Second semester. Adjunct professor Lillie.

BIOLOGY AND EMBRYOLOGY

PROFESSOR PETERSON, MR. PETERSON

The first semester lectures present the principles of biology, with special study of cells. Laboratory work embraces the typical forms of plant and animal life both uni-cellular and multi-cellular. The lectures second semester cover the general field of human embryology. Laboratory work this semester on embryos of chick, amphibians, swine, and human beings.

COURSES

1. Biology. One hour lecture. Two hours laboratory. First semester, freshman year. Professor Peterson and Mr. Peterson.
2. Embryology. One hour lecture. Two hours laboratory. Second semester. Professor Peterson and Mr. Peterson.

HYGIENE AND STATE MEDICINE

PROFESSOR TOWNE

Relation of the medical profession to public health. Theoretical consideration of the subject. Results of practical experience. Quarantine regulations of Nebraska. Air, water, climate, soil, heating, ventilation. Municipal and private water supply. Milk and food. Sewage and the disposal of waste. Public and private management of transmissible diseases. Epidemics, contagion, and disinfection.

COURSES

1. Two hours lecture. First semester, sophomore year. Professor Towne.
2. Continuation of course 1. Second semester.

MATERIA MEDICA AND THERAPEUTICS

PROFESSOR CHRISTIE, DOCTOR RICE, DOCTOR KOERBER

COURSES

MATERIA MEDICA

1. Materia medica. Three hours lecture and quiz. First semester. Freshman year. Professor Christie, Doctor Rice.
2. Continuation of course 1. Second semester.
3. Materia medica. One hour lecture. First semester. Sophomore year. Professor Christie.
4. Continuation of course 3. Second semester.

THERAPEUTICS

5. Therapeutics. One hour lecture. Professor Christie. One hour quiz. Doctor Koerber. First semester. Junior year.
6. Therapeutics. One hour lecture. Professor Christie. One hour quiz. Doctor Koerber. Second semester. Junior year.

CLINICAL INSTRUCTION

The student is brought face to face with cases in all departments of medicine. The opportunities are ample. The 175,000 population of Omaha and South Omaha, with their manufacturing industries, furnish the hospitals a great variety of cases in all branches of medicine and surgery. Unusual chances for instruction in accident and railway surgery.

SECTION CLINICS

At the beginning of each year the senior class is divided into sections of three men each. Some of these sections are in attendance daily on section clinics at the various hospitals. Each professor invites the sections in regular rotation, all members of the senior class being treated alike. These sections, both medical and surgical, afford extensive facilities for the most effective kind of clinical teaching which is individual instruction. Ample practice is afforded in physical diagnosis. The student is not only encouraged to make examinations but taught to reach a diagnosis by the most logical methods. The professor explains each case as fully as possible and then marks out the treatment. In surgical cases, the operations are performed in the students' presence. This method of instruction is greatly appreciated, it being the general verdict that much more positive information is acquired in the small sections than in the large general clinics.

CLINICAL DEPARTMENTS

DERMATOLOGY

PROFESSOR HOFFMAN

This department is designed to give thorough training in the recognition and treatment of the various disorders of the skin. Lectures are both didactic and clinical, special emphasis being laid upon differential diagnosis.

COURSES

1. One didactic and clinical lecture. First semester, senior year.
Professor Hoffman.
2. Continuation of course 1. Second semester.

GYNECOLOGY

PROFESSOR BROWN, DOCTOR PARKS, DOCTOR VAN FLEET

In the gynecological clinic, which is well attended, members of the senior class are given individual instruction, being taken in rotation for a definite period each, during which the student is personally instructed in the various gynecological diseases, making examinations, and reaching diagnoses, under the guidance of the professor or his assistants.

COURSES

1. One hour lecture and quiz. Six hours individual clinics, college dispensary. Special clinics by appointment, Douglas county hospital. First semester, senior year. Professor Brown, Doctors Park and Van Fleet.
2. Continuation of course 1. Second semester.

INTERNAL MEDICINE

PROFESSOR GIBBS, PROFESSOR BRIDGES, PROFESSOR MILROY, PROFESSOR HOFFMÁN, PROFESSOR TREYNOR
CLINICAL ASSISTANTS, DOCTOR LINDQUIST, DOCTOR CHRISTIE, DOCTOR WEYMULLER

The line of instruction begins in the sophomore year, continuing through the course. Physical diagnosis. Practical application of this in lectures and clinical work on internal medicine proper. Didactic and clinical lectures. Section clinics in various hospitals and in the college dispensary.

COURSES

1. Physical diagnosis. One hour lecture. First semester, sophomore year. Professor Milroy.
2. Continuation of course 1. Second semester.
3. Internal medicine. Four hours lecture. Professors Gibbs

and Bridges. Physical diagnosis. One hour lecture. Professor Milroy. One hour clinic. Immanuel or Douglas county hospital. Professor Milroy. First semester, junior year.

4. Continuation of course 3. Second semester.
5. Internal medicine. Four hours lecture. Professors Gibbs and Bridges. Two clinics (a week), college dispensary, Professor Gibbs. One clinic, college dispensary, Professor Milroy. One clinic, Immanuel or county hospital, Professor Milroy. One section clinic, Omaha (M. E.) hospital, Professors Gibbs and Bridges. One section clinic, Wise memorial hospital, Professor Hoffman. One section clinic, W. C. A. hospital, Council Bluffs, Professor Treynor. College dispensary, sections, six hours. Doctors Lindquist, Christie, and Weymuller. First semester, senior year.
6. Continuation of course 5. Second semester.

LARYNGOLOGY AND RHINOLOGY

PROFESSOR OWEN, DOCTOR LEMERE, DOCTOR STRADER

Dark room practice in the use of the laryngoscope and rhinoscope. Abundant clinical material on diseases of nose and throat. Frequent individual and sectional clinics at Wise Memorial and Immanuel hospitals. Sectional instruction in the technique of examinations and in the use of instruments.

COURSES

1. One hour lecture. Professor Owen. Six hours clinics, college dispensary section. First semester, senior year. Professor Owen, Doctors Lemere and Strader.
2. Continuation of course 1. Second semester.

MENTAL AND NERVOUS DISEASES

PROFESSOR MOORE, PROFESSOR LOWRY, PROFESSOR AIKIN, DOCTOR
MOGRIDGE

COURSES

1. One hour lecture. Professors Lowry and Aikin. Arrested development, one hour lecture. Doctor Mogridge. One quiz and clinical lecture. Professor Aikin. First semester, senior year.

2. Continuation of course 1. Second semester.

Professor Moore demonstrates at the Douglas county hospital. Professor Aikin gives special clinics at the Methodist, Immanuel, and Douglas county hospitals. Doctor Mogridge invites the senior class to the institute for feeble-minded children, Glenwood, Ia., for clinical instruction in arrested development.

OBSTETRICS

PROFESSOR SOMERS, DOCTOR PARK

Practical work. Ample practical material. (About 200 maternity cases available 1903). Students remaining during vacation visit the lying-in institutions of the city and the out-door maternity department of the college.

COURSES

1. Anatomy of the female generative organs. One hour quiz and demonstrations. First semester, junior year. Doctor Park.
2. Demonstrations on the manikin and quizzes. One hour. Second semester. Doctor Park.
3. Theory and practice of obstetrics. Two hours lecture. Clinics in normal and in pathological labor. First semester, senior year. Professor Somers, Doctor Park.
4. Continuation of course 3. Second semester.

OPHTHALMOLOGY AND OTOTOLOGY

PROFESSOR GIFFORD, ADJUNCT PROFESSOR BIGNELL, DOCTOR LEMERE,
DOCTOR STRADER

Dark room practice in the use of the ophthalmoscope and the otoscope.

COURSES

1. Anatomy and physiology of the eye and ear, with demonstrations. One hour lecture. First semester, junior year. Adjunct professor Bicknell.
2. Use of ophthalmoscope, otoscope. Methods of diagnosis. One hour. Second semester. Adjunct professor Bicknell.
3. One hour lecture. One clinic, Omaha hospital, Professor Gifford. Section clinics, college dispensary, six hours. Doctors Lemere and Strader. First semester, senior year.
4. Continuation of course 3. Second semester.

 PEDIATRICS

PROFESSOR McCLANNAHAN, DOCTOR LINDQUIST, DOCTOR VAN FLEET

COURSES

1. One hour lecture. Professor McClannahan. One clinical lecture, Professor McClannahan. One hour quiz, Doctor Lindquist. First semester, senior year.
2. Continuation of course 1. Second semester.

Professor McClannahan holds special section clinics at the Child Saving Institute and at the Clarkson memorial hospital. Students also see cases in the patients' homes, under the direction of the professor or his assistants.

MEDICAL JURISPRUDENCE

PROFESSOR BROGAN

COURSES

1. Physicians' contracts, general medico legal relations. Expert testimony. Malpractice. Life insurance examinations. Injuries and deaths. Poison. Identity and survivorship. Sexual relations. Quarantine sanitation. Medical legislation. Twelve lectures. Second semester, senior year. Professor Brogan.

SURGERY

PROFESSOR JONAS, PROFESSOR DAVIS, PROFESSOR MACRAE, DOCTOR UPDEGRAFF, DOCTOR LUDINGTON, DOCTOR EDMISTON

Surgery is taught in the junior and senior years. Examinations each term. Clinical instruction at the M. E. hospital, the Immanuel, the Wise memorial, and Douglas county hospitals and at the college dispensary.

COURSES

1. Principles of surgery, including tumors. Four hours lecture, Professor Davis, Doctor Ludington. Bandaging and surgical dressings. Lecture and demonstration. One hour, Doctor Edmiston. Two clinics at college dispensary, Professors Jonas and Davis. One clinic at Immanuel hospital, Professor Davis. One clinic at Douglas county hospital. First semester, junior year.
2. Continuation of course 1. Second semester.
3. Practice of surgery, including orthopedic surgery. Two hours lecture. Professor Jonas. Fractures and dislocations. Lectures, quizzes, demonstrations. One hour. Doctor Updegraff. Two clinics, college dispensary, Professors Jonas and Davis. One clinic, M. E. hospital, Professor Jonas. One clinic, Immanuel hospital, Professor Davis. One clinic, Douglas county hospital. Section clinics M. E. hospital, Im-

manuel hospital, Wise memorial hospital, Professors Jonas and Davis. First semester, senior year.

4. Continuation of course 3. Second semester.

The second semester Professor Jonas conducts an evening course, with cadaver, in the technique of operative surgery. Senior class section clinics at college dispensary.

5. Railway surgery. One hour lecture. First semester, senior year, Doctor Macrae, Sr.

STUDENTS—130

FOURTH YEAR STUDENTS—38

Men—34

- Agee, James Clarence, Valley
 Bartlett, Arthur Leslie, Norfolk
 Beck, Frederick Louis, Shickley
 Benson, Harry William, Omaha
 Black, Emil Claudius, Omaha
 Chambers, Oliver, Omaha
 Davies, Josiah Shaftesbury, Omaha
 Ericksen, Christian S., Newman Grove
 Gage, Earl Eugene, Sioux Falls, S. D.
 Graham, James Robert, Mankato, Ia.
 Isaacs, David, Carroll
 Iwersen, John Christian, Lyons, Colo.
 Jensen, Jens Peter, Dows, Ia.
 Job, Clatilla Bernice, Tekamah
 Jungbluth, Edward Christian, Schuyler
 Koetter, Max John Henry, Omaha
 Kuhl, Augustus Bernard, Harlan, Ia.
 LeMar, Clair Leone, Mead

Women—4

- Lyman, Rufus Ashley, Omaha
 McClymonds, Robert Claudius, College Springs, Ia.
 Martin, Joseph William Sylvester, Pawnee City
 Morison, Charles Campbell, Omaha
 Neal, Halbert Fletcher, Peru
 Nielsen, Marie Anna, Omaha
 Osborn, Frank Ely, Norfolk
 Platt, Owen Dale, Omaha
 Rice, Mrs. Rose Hammond, Council Bluffs, Ia.
 Root, Charles Henry, Omaha
 Smersh, Otto George, Brainard
 Smith, James Westfall Barnum, Albion
 Spear, George E., Lincoln
 Stuckey, Royal Scott, Grafton
 Townsend, Francis Everett, Franklin
 Truelsen, Thomas, Omaha
 Walker, Joseph Goodville, Pawnee City
 Warner, Howard Phillo, Hastings, Mich.
 Wherry, William Penaluna, Omaha
 Vance, V. Verne, Peru

THIRD YEAR STUDENTS—35

Men—35

- Alliband, George Arthur, Griswold, Ia.
 Bellinger, J. F.
 Benning, John Fred, Sutton
 Campbell, Roscoe, Mt. Ayr, Ia.

Women—0

- Decker, Jay C., Council Bluffs, Ia.
 Dempster, Roy Paxson, Omaha
 Dickinson, William Eugene, Montrose, S. D.

Eby, Charles Daniel, Grand Island
 Edwards, James Archibald, Glenwood, Ia.
 Gates, Frank V., Glidden, Ia.
 Hart, John Franklin, Hastings
 Hummer, Warren Lee, Panora, Ia.
 Karrer, Fred William, Osceola
 Kerr, Johnston Harper, Akron, Ia.
 Knode, Ray Archibald, Omaha
 Kohout, Joseph A., Wilber
 McArthur, Hector, Omaha
 Meisenbach, Jacob Edward, Norman
 Merkel, Arthur Edwin, Bradshaw
 Merritt, Edwin Atkins, Red Oak, Ia.
 Nelson, Neil David, Laramie, Wyo.

Nye, Mark Allyn, Lexington
 Orr, J. T., Laramie
 Panter, Robert Carpenter, Dorchester
 Patton, James McDowell, Bloomfield
 Pedersen, Peter Marius, Dannebrog
 Penner, Henry Gerhard, Beatrice
 Penner, Louis, Beatrice
 Prest, John Elry, McCool Jct.
 Petr, Francis, Clarkson
 Reiley, Oliver Henry, Red Oak, Ia.
 Sample, Thomas Edward, Harvard
 Stuart, Albert Berry, Harlan, Ia.
 Trostler, Isador Simon, Omaha
 Underwood, Robert Bryden, Eldora, Ia.

SECOND YEAR STUDENTS—31

Men—29

Women—2

✓ Adams, Burton Abel, Hazel, S. D.
 ✓ Anderson, William Hugh, Council Bluffs, Ia.
 ✓ Arbogast, Hoge John, Bartley
 ✓ Baker, Milan Daniel, Tilden
 ✓ Bushnell, Anna Elinor, Glenwood, Ia.
 ✓ Dolbear, David Myron, Fullerton
 ✓ Empey, Ernest Sidney, Papillion
 ✓ Garland, Harrie Sanborn, Harlan, Ia.
 ✓ Heine, William Howard, Hooper
 ✓ Holm, Adolph Hjalmar, Wolbach
 ✓ Jeffers, Bertrand Frederick, Valentine
 ✓ Johnson, Alfred James, Talmage
 ✓ Kennedy, Charles Rex, Platts-mouth

✓ Lane, Arthur Ernest, Council Bluffs, Ia.
 ✓ Lauzer, Edward Simon, Hutchinson, Minn.
 ✓ Lorenzen, Paul Peter, Council Bluffs, Ia.
 ✓ McDonald, Grundy E., Pierce
 ✓ Mason, Claude William, Omaha
 ✓ Miller, Clinton James, Kennedy, S. D.
 ✓ Morris, George Henry, Creston
 ✓ Morrison, George Andrew, Bradshaw
 ✓ Pedersen, Hans Christian, Dannebrog
 ✓ Potter, George Benjamin, Omaha
 ✓ Rumery, Arthur Clark, Mason City
 ✓ Smith, Eldon Jesse, Omaha
 ✓ Sturdevant, LaZelle Brantley, Atkinson
 ✓ Swoboda, Franz, Omaha

Thomsen, John Godfred, Audubon, Ia. — Walsh, Joseph Mark, Glenwood, Ia.
 Wainwright, Cornelious Isaac, Gretna — Wigton, Harrison Alonzo, Omaha

FIRST YEAR STUDENTS—26

Men—23

Women—3

<p>Beach, William Henry, Omaha Blotz, Byron Bernard, Clarkson Clark, Ira Joseph, McCook Debey, John G., Holland Emerson, Clarence, Tamora Epplen, Frederick, Omaha Fairchild, Nora May, Kennard Foster, Robert H., Omaha Fuller, John Andre, Omaha Harger, John Ross, St. Edwards Jones, Mrs. Agnes, Wallace Jones, Edward Lance, Wallace Kaynor, Edwin V., Kearney Morsman, Leslie William, Omaha</p>	<p>Newbranch, Florian Leroy, Lincoln Palmer, Claud, Pacific Junction, Ia. Potts, John Beekman, Pawnee City Robertson, Edwin N., Omaha Scholting, Benjamin Jacob Christopher, South Omaha Smith, Max Truman, Republican City Speer, Jephtha Pierson, Lincoln Stevens, Arthur A., Glidden, Ia. Stull, Katherine, Auburn Valentine, Edward Dix, Omaha Willis, Charles, Woodbine, Ia. Wright, John, Wilcox</p>
---	---

