



## Faculty Committee on the Premedical Course.

ALFRED EDWARD THAYER, M. D., Assistant Professor of Materia Medica, Pathology, and Bacteriology.

M. D., New York College of Physicians and Surgeons (Columbia University), 1884. Hospital practice, New York, 1884-6; graduate student, University of Göttingen, Germany, 1886-7; University of Vienna, Austria, 1887-8; Fellow in Pathology, Johns Hopkins University, 1889-90; Instructor in Anatomy, Medical Department, Yale University, 1890-1; Vital Statistician, New York City Health Dept., 1895-8; A. A. Surgeon, Marine Hospital Service, 1894 and 1898-9; present position since 1899.

ALEXANDER REID WHITEHILL, Ph. D., Professor of Chemistry.

A. B., Princeton University, 1874; A. M., *ibid.*, 1877; Ph. D., Washington and Jefferson College, 1887. Fellow in Experimental Science, Princeton University, 1874-5; graduate student, University of Leipzig and Freiberg School of Mines, Germany, 1874-5; Professor of Experimental Science, University Mound College, 1876-81; Principal Linsly Institute, 1881-5; present position since 1885.

OTTO FOLIN, Ph. D., Assistant Professor of Physiological Chemistry.

B. S., University of Minnesota, 1892; Ph. D., University of Chicago, 1896. Graduate student, University of Upsala, 1896, and Universities of Berlin and Marburg, 1897-8; Instructor in General and Medical Chemistry, McKillup Veterinary College, 1894-6; practical work in Columbus Medical and Food Laboratories, 1899; present position since 1899.

EDWIN BINGHAM COPELAND, Ph. D., Assistant Professor of Botany.

A. B., Leland Stanford Junior University, 1895; A. M. and Ph. D., University of Halle, Germany, 1896. Assistant in Biology, University of Wisconsin, 1893-4; Honorary Fellow in Botany, *ibid.*, 1896-7; Assistant Professor of Botany, Indiana University, 1897-8; Teacher of Science, State Normal School, Chico, California, 1899; present position since 1899.

JOHN BLACK JOHNSTON, Ph. D., Assistant Professor of Zoölogy.

Ph. B., University of Michigan, 1893; Ph. D., *ibid.*, 1899. Graduate student and Assistant in Zoölogy, *ibid.*, 1893-7; Instructor in Zoölogy, *ibid.*, 1897-9; present position since 1899.

## THE PREMEDICAL COURSE.

The student who expects to devote himself to the study of medicine should have the most thorough possible scientific training before entering upon his special medical studies. To this end he should complete a four years college course, devoting his time largely to the natural sciences and the modern languages, preparatory to his medical course proper, thus acquiring, at the only time when it is possible, a broad, general education upon which to base his special training in medicine. The rapid growth of those medical colleges which require such courses for admission indicates the esteem in which such scientific training is held by the medical profession. Special efforts have been made to give the students of this University an opportunity to complete the scientific work preparatory to medicine, and also some of the medical studies proper, so that the medical course can be completed in two years at a regular medical school, if the student's circumstances render this desirable.

These medical studies are credited toward the bachelor's degree; and the prospective medical student is advised to arrange his college course so as to receive the certificate of completion of the Premedical Course at the same time that he takes his bachelor's degree.

But many students are unable to afford the time and money necessary for such a preparation, and for them the Premedical Course has been arranged, covering two years, which allows them to specialize in the direction of medicine during two entire years at the University. The advantage of this arrangement is that students are able to carry on their medical studies for the first two years where expenses are low, and under the broadening influences of the University.

### Credit at Medical Colleges.

The Premedical Course has been one year in length up to the present time; and students who have completed it have been given certificates which admitted them to the second year in the course leading to the degree of M. D. at the following institutions:

- Miami Medical College, Cincinnati, Ohio.
- Medical Department, University of Ohio, Cincinnati, Ohio.
- Barnes Medical College, St. Louis, Mo.
- Medical College of Western Pennsylvania, Pittsburg, Pa.
- Baltimore Medical College, Baltimore, Md.
- College of Physicians and Surgeons, Baltimore, Md.

Medical Department, University of Maryland, Baltimore, Md.  
Eclectic Medical Institute, Cincinnati, Ohio.  
Southern Homeopathic Medical College, Baltimore, Md.  
Starling Medical College, Columbus, Ohio.  
Jefferson Medical College, Philadelphia, Pa.

The Premedical Course having now been extended to include the first two years of a medical course, it is expected that arrangements will be made whereby most if not all of the medical colleges named above will admit to the third year of their courses students who receive certificates of the completion of the two years Premedical Course in this University. Students who desire to take one year's work only in the Premedical Course may do so, and as before will be given certificates admitting them to the second year of the medical courses in the above named institutions, but those who desire may now take the two years Premedical Course.

### Admission to the Premedical Course.

Candidates for admission must present certificates of good moral character, and if from other colleges or universities must bring letters of honorable dismissal.

#### Entrance Subjects and Requirements.

Until July 1st, 1900, candidates for admission to the Premedical Course in full standing will be required to have completed the following Preparatory work :

English,	3 courses;
Latin,	3 courses;
German,	6 courses;
Algebra,	2 courses;
Plane Geometry,	2 courses;
Physics,	2 courses;
Chemistry,	3 courses;
Zoölogy,	3 courses.

A "course" represents the amount of work done by a class meeting five times a week for one quarter (twelve weeks). The entrance subjects are all reduced to the unit of a course, and placed on exact equality.

These Preparatory studies may be taken in two years at the Preparatory School of the University at Morgantown by following the schedule outlined below.

### Premedical Preparatory Schedule.

#### FIRST YEAR.

HOUR.	FALL.	WINTER.	SPRING.
8:00	Algebra 1	Algebra 2	Plane Geometry 1
9:00	German 1	German 2	German 3
10:00	English 4	English 5	English 6
11:00	Latin 1	Latin 2	Latin 3

#### SECOND YEAR.

8:00	German 4	German 5	German 6
9:00	Chemistry 1	Chemistry 2 and 3	Chemistry 4
10:00	Zoölogy 1	Zoölogy 2	Zoölogy 22
11:00	Plane Geometry 2	Physics 1	Physics 2

The figures after the names of the studies indicate the numbers of the courses as described below.

#### Preparatory Requirements After July 1, 1900.

After July 1, 1900, admission to the Premedical Course will require the same amount of Preparatory work as admission to the four years college course, viz: the twenty-four courses named above and fifteen additional Preparatory courses to be selected by the student.

#### Making Up Deficient Preparation.

Students who lack the necessary preparation for entering the Premedical Course, either in whole or in part, may make up their deficiencies in the Preparatory School of the University at Morgantown, either before entering the Premedical Course, or in connection with it. No student will be admitted to the Premedical Course, however, who is conditioned in more than three Preparatory courses; and these three courses must be made up during the first year.

## Description of Preparatory Courses

### Required For Admission to the Premedical Course,

As given in the Preparatory School at Morgantown.

In the following announcements, unless otherwise noted, each course described is a full course, the class meeting five times a week, Mondays to Fridays, inclusive, throughout one entire quarter. The quarter during which the course is given, as well as the hour and class room, are named, whenever possible, at the end of the announcement of each course. When a course is given more than once during the year, each quarter in which it is given is named.

All courses are designated by the name of the department and the number of the particular course. Thus the first course in German is known as "German 1;" the course in Organic Chemistry is known as "Chemistry 3;" etc. The abbreviations used are: U., University Hall; S., Science Hall; M., Martin Hall.

### English.

PROFESSOR MILLER AND MR. FRIEND.

**4 Reed and Kellogg's "Higher Lessons in English,"** completed, with drill in composition.

Summer, 9:00; Fall, first section, 10:00; second section, 11:00; 10 M.

**5 Buehler's "Practical Lessons in English,"** with critiques and reviews. Careful reading, with analysis and word study, of English classics.

Winter, first section, 10:00; second section, 11:00; 10 M.

**6 Hill's "Elements of Rhetoric,"** with English classics as in Course 5.

Spring, first section, 10:00; second section, 11:00; 10 M.

### Latin.

PROFESSOR HARE AND MR. BONDURANT.

Allen and Greenough's Grammar, Revised, is used in all courses.

#### FIRST YEAR.

**1 Etymology.** Chase and Stuart's "First Year in Latin," pages 9-125.

Summer, 11:00; Fall, first section, 8:00; second section, 11:00;  
Winter, 8:00; Spring, 9:00; 13 M.

**2 Syntax.** Chase and Stuart's "First year in Latin," pages 126-200.

Summer, Fall, 8:00;  
Winter, first section, 8:00; second section, 11:00; Spring, 9:00; 13 M.

**3 Oratio Obliqua and Caesar (Book I, chs. 1-29).** Chase and Stuart's "First Year in Latin," completed.

Summer, 2:00; Fall, 8:00; Winter, 9:00;  
Spring, first section, 8:00; second section, 11:00; 13 M.

## German.

PROFESSOR TRUSCOTT AND MR. PORTERFIELD.

**1 Elementary German.** A course for beginners, the object being to acquaint the student with the elements of grammar, to give him a reading knowledge of the easiest German prose, and as much practice in pronunciation as possible. Thomas' Grammar, Part I; Harris' Reader, Part I. Summer, 9:00; Fall, first section, 9:00; second section, 12:00; Winter, 12:00; 22 U.

**2 Elementary German.** A continuation of Course 1. Reading of easy prose and poetry. Some poems will be memorized and especial attention given to correct pronunciation. Reading at sight. Harris' Reader, Parts II, IV and VI.

Winter, first section, 9:00; second section, 11:00; Spring, 12:00; 22 U.

**3 Elementary German.** A continuation of Course 2. Reading and conversation. Elementary work on composition accompanied by a review of the Grammar. "Immensee." "Höher als die Kirche." "Im Zwiellicht." Hatfield's "Materials for Composition."

Spring, first section, 9:00; second section, 11:00; 22 U.

**4 German Prose.** Copious reading of German prose to render the student familiar with the idioms of the language and give him a large and varied vocabulary. Nichol's "Three German Tales." Bernhardt's "Novelleten-Bibliothek."

Summer, Fall, 8:00; 22 U.

**5 Composition and Conversation.** Practice in writing German and translation of English prose into idiomatic German. A part of the time will be devoted to exercises in conversation. "Methode Berlitz, Erstes Buch." Harris' "Prose Composition."

Winter, 8:00; 22 U.

**6 German Poetry.** "Herman und Dorothea." Familiar German ballads.

Spring, 8:00; 22 U.

## Algebra.

ASSISTANT PROFESSOR THOMPSON AND MR. JOHNSON.

**1 Algebra,** up to and including Simple Equations. Charles Smith's Elementary Algebra. Fall, 8:00; Winter, 11:00; Spring, 9:00.

**2 Algebra,** up to and including Quadratics. Charles Smith's Elementary Algebra. Fall, Winter, 8:00; Spring, 11:00.

## Plane Geometry.

ASSISTANT PROFESSOR THOMPSON.

**1 Plane Geometry.** The first two books. Wentworth's Plane Geometry. Fall, 9:00; Spring, 8:00.

**2 Plane Geometry.** Completed. Wentworth's Plane Geometry. Fall, 11:00; Winter, 9:00.

## Physics.

PROFESSOR HODGES AND MR. WHITHAM.

**1 Elementary Physics.** Mechanics and Heat. Recitations, supplemented by experiments and laboratory exercises. One hour per week at least will be devoted to individual laboratory work. Wentworth and Hill's Text Book of Physics. Prerequisite, Plane Geometry.

Winter, 11:00; 11 S.

**2 Elementary Physics.** Electricity and Magnetism. Sound and Light. Continuation of Course 1.

Spring, 11:00; 11 S.

## Chemistry.

PROFESSOR WHITEHILL AND ASSISTANT PROFESSOR FOLIN.

**1 Inorganic Chemistry.** This course is designed for beginners, and serves as a general introduction to chemical methods and operations. It includes a systematic study of the laws of chemical combinations, the source, preparation, properties and compounds of the non-metallic elements, and the principles and theories of chemical philosophy. Experimental lectures, laboratory work, and recitations.

Summer, 10:00; Fall, first section, 9:00; second section, 11:00;  
Spring, 10:00; 20 S.

**2 Inorganic Chemistry.** This course includes the study of the metallic elements, and special attention is paid to the applications of Chemistry in Medicine and every-day life. Lectures, laboratory work, and recitations. Half course.

First term, Summer and Winter, 9:00; First term, Fall, 10:00; 20 S.

**3 Organic Chemistry.** This course includes the study of the more important organic compounds, together with the laboratory processes for the preparation of such compounds. Lectures, laboratory work, and recitations. Half course.

Second term, Summer and Winter, 9:00;  
Second term, Fall, 10:00; 20 S.

**4 Advanced General Chemistry.** This course is designed to supplement the work of the Fall and Winter quarters, and includes both theoretical and laboratory work. It is preparatory to the regular courses in quantitative and qualitative analysis. Prerequisites, two quarters' work in General Chemistry.

Spring, 9:00; 20 S.



## Zoology.

ASSISTANT PROFESSOR JOHNSTON.

Under the description of each course are given the names of several books for reference which are found in the library and will be of especial value in connection with the course.

**1 Elementary Zoology.** A study of types (Amœba, Paramœcium, Sponge, Hydra, Earth worm) of the lower classes of animals with reference to structure, functions and relationships, and of the cell and cell-divisions. Laboratory work, supplemented by lectures on the physiology of the cell.

Prerequisite: Two courses in Preparatory English Composition and Rhetoric, or satisfactory evidence of ability to write clear, forcible English.

Parker: Elementary Biology.

Wilson: The Cell in Development and Inheritance.

Hertwig: The Cell.

Hertwig: Zoölogy, Field's Translation.

Wilson: Chapters on Evolution.

Sedgwick and Wilson: Elementary Biology.

Fall, Lectures T., Th., at 10:00. Laboratory work, six hours a week.

**2 Introduction to Vertebrate Zoology.** The structure and development of the frog, and the classification of vertebrates. This course should be taken by prospective medical students and by those intending to give especial attention to vertebrate zoölogy during their first year of zoölogical work.

Prerequisite, Course 1.

Ecker's Frog (preferably Gaup's edition).

Marshall: Embryology.

Macalaster: Zoölogy.

Parker and Haswell: Zoölogy, Vol. II.

Winter, Lectures T., Th., at 10:00. Laboratory work six hours a week.

**22 Comparative Anatomy of Vertebrates.** A brief course intended as an introduction to human anatomy.

Prerequisites: Courses 1 and 2.

Wiedersheim: Comparative Anatomy (English Translation).

Parker and Haswell: Zoölogy.

Parker: Zoötomy.

Spring. T., Th., at 10:00. Laboratory work six hours a week.

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For descriptions of other Preparatory courses, from among which the fifteen additional courses to be required after July 1, 1900, may be selected, see the catalogue or circular of supplementary announcements, which may be had upon application.

Students who take their Preparatory courses elsewhere are not required to meet the requirements exactly as described above, but the work in the various subjects must be substantially equivalent to the work described above.

## The Premedical Course.

The Premedical Course supplements this preparation by the addition of several new and strictly medical subjects, as well as by more advanced courses in several fundamental subjects already begun in the Preparatory Course.

The two years Premedical Course includes the following college courses, each course representing the amount of work done by a class meeting five times a week for one quarter (12 weeks):

Botany,	3 courses;
Anatomy,	3 courses;
Physiology,	3 courses;
Analytical Chemistry,	1 course;
Physiological Chemistry,	3 courses;
Histology,	1 course;
Pathology,	2 courses;
Materia Medica,	2 courses;
Therapeutics,	1 course;
Bacteriology,	2 courses;
Hygiene,	1 course.

These courses may be taken in two years, according to the following schedule:

### Schedule of the Two Years Premedical Course.

FIRST YEAR.			
HOUR.	FALL.	WINTER.	SPRING.
8:00-10:00	Histology 1	Pathology 1	Pathology 2
10:00-12:00	Anatomy 1	Anatomy 2	Anatomy 3
1:30-3:30	*Chemistry 5	Chemistry 6	Chemistry 8
1:30-5:00	†Botany 3	Botany 4	Botany 12
SECOND YEAR.			
HOUR.	FALL.	WINTER.	SPRING
8:00	Physiology 1	Physiology 2	Physiology 3
9:00-11:00	Physiol. Chem. 12	Physiol. Chem. 13	Physiol. Chem. 14
11:00	Materia Medica 1	Materia Medica 2	Therapeutics
1:30-3:30	Bacteriology 3	Bacteriology 4	Hygiene

\*Tuesdays and Thursdays.

†Mondays, Wednesdays and Fridays.

### Special Schedule Beginning January 1, 1900.

For the convenience of students who enter January 1, 1900, the following schedule has been arranged for the Winter, Spring, and Summer Quarters, 1900:

HOUR.	WINTER.	SPRING.	SUMMER.
8:00	Anatomy 1	Anatomy 2	Anatomy 3
10:00	Zoölogy 2, or Materia Medica 1	Zoölogy 22, or Materia Medica 2	Zoölogy 1, or Therapeutics
11:00	Bacteriology 1	Bacteriology 2	Bacteriology 1
1:30	Histology 1, or Botany 1	Histology 2, or Pathology 1, or Botany 2	Pathology 2

Students who enter January 1, 1900, may enter any of the above winter classes, and by working through the winter, spring, and summer, may complete practically the entire first year's work of the Premedical Course by the beginning of the Fall Quarter, 1900.

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### Courses of Instruction.

Only the courses which are included in the Premedical Course outlined above are described here. In the various departments many other courses of interest and value to the Premedical student are given; and if time permits the student is earnestly advised to take several of these. For descriptions of these additional courses the student is referred to the complete departmental announcements in the catalogue and the circular of supplementary announcements.

#### Botany.

ASSISTANT PROFESSOR COPELAND.

**3 The Algæ.** The algæ will be studied along physiological as well as morphological lines. Being the simplest typical plants they are well adapted to serve as material for a thorough introductory study of the plant cell. One lecture weekly and eight hours laboratory work with microscope. Fall, 1:30 to 5:00, M., W., F.; 30 U.

**4 Fungi and Archegoniates.** A study of the morphology and taxonomy of these groups. One or two lectures and eight or six hours laboratory work. Prerequisite, Course 3. Winter, 1:30 to 5:00, M., W., F.; 30 U.

**12 Medical Botany.** This course is for Premedical students who have completed Botany 4. Like Botany 5, it will deal with the Spermatophytes, but with special attention to medicinal plants. Lectures and laboratory and field work. Spring, 1:30 to 5:00, M., W., F.; 30 U.

## **Anatomy and Physiology.**

ASSISTANT PROFESSOR JOHNSTON.

### **Anatomy.**

- 1 Anatomy.** Dissection of a mammal, with lectures and recitations on human anatomy. The skeleton. Prerequisites, Zoölogy 1, 2, and 22.  
Fall, 10:00 to 12:00;  
Winter, 1900, 8:00 to 10:00; 30 U.
- 2 Anatomy.** Continuation of course 1. The muscles and digestive tract.  
Winter, 10:00 to 12:00;  
Spring, 1900, 8:00 to 10:00; 30 U.
- 3 Anatomy.** Continuation of course 2. The circulatory, respiratory, urogenital, and nervous systems.  
Spring, 10:00 to 12:00;  
Summer, 1900, 8:00 to 10:00; 30 U.

### **Physiology.**

- 1 Human Physiology.** Lectures and demonstrations. Prerequisites, Anatomy 1, 2, and 3, and Histology 1.  
Fall, 8:00; 30 U.
- 2 Human Physiology.** Continuation of course 1.  
Winter, 8:00; 30 U.
- 3 Laboratory Course in Physiology.** Prerequisites, Physiology 1 and 2.  
Spring, 8:00; 30 U.

### **Chemistry.**

PROFESSOR WHITEHILL AND ASSISTANT PROFESSOR FOLIN.

- 5 Qualitative Analysis.** A laboratory course designed for students who are familiar with the elementary principles of Chemistry. It includes the preparation of the more important gases and salts, and the detection of the elements and their compounds.  
Half course, first term, Summer, 2:00;  
One-third course, Fall, Tuesdays, Thursdays, 1:30; 22 S.
- 6 Elementary Quantitative Analysis.** This course includes a small number of simple gravimetric, volumetric, and electrolytic determinations, together with the study of the operations involved. Laboratory course.  
Half course, second term, Summer, 2:00; 22 S.  
One-third course, Winter, Tuesdays, Thursdays, 1:30; 22 S.

**8 Toxicology.** Especially designed for medical students. The course will include a study of inorganic and organic poisons, their physiological effects and antidotes. Laboratory course.

Spring, Tuesdays, Thursdays, 1:30; 22 S.

**12 Medical Organic Chemistry.** This is a lecture and laboratory course in such special subjects of Organic Chemistry as carbohydrates, fats, proteins, and foods in general, together with certain organic amido and other nitrogenous compounds.

Fall, 10:00 to 12:00; 21 S.

**13 Physiological Chemistry.** This course is a continuation of Course 12 and includes lectures and laboratory work on ferments, digestion, respiration, nutrition, and general animal metabolism.

Winter, 10:00 to 12:00; 21 S.

**14 Medical Analysis.** This course includes a study and practice of all the essential analytical methods as used in modern practice of medicine.

Spring, 10:00 to 12:00; 21 S.

## **Pathology, Bacteriology, and Materia Medica.**

ASSISTANT PROFESSOR THAYER.

### **Histology.**

**1 Histology.** This course teaches the student the varieties of animal cells and tissues in the normal conditions, and, while partly comparative, is especially designed to acquaint him with the microscopic anatomy of the human body. The methods of preparation of material, section cutting, staining, etc., will be taught, and the student will be encouraged to make a collection of slides for his future use. Laboratory.

Winter, 1900, 1:30 to 3:30; Fall, 8:00 to 10:00; 1 U.

**2 Advanced Histology.** Students who have shown interest and ability may carry on more advanced work in normal tissues.

### **Pathology.**

**1 General Pathology.** After proper training in the study of normal cells and tissues, the student may advance to the study of the abnormal, and at the same time he learns a more extensive technique. This course is not designed to replace Human Pathology, which he must take up later in the medical school, but rather to prepare him to do full justice to it and obtain the most benefit from it. Lectures and demonstrations. Prerequisite, Histology 1.

Spring, 1900, 1:30 to 3:30;

Winter, 1901, 8:00 to 10:00; 1 U.

**2 Experimental Pathology.** Advanced students in limited numbers will be instructed after the methods which have been so successful in Prof. Stricker's laboratory in Vienna, following the processes of disease by actual experiment upon lower animals. Prerequisite, Pathology 1.

Summer, 1900, 1:30 to 3:30;

Spring, 1901, 8:00 to 10:00; 1 U.

## Bacteriology.

**1 General Bacteriology.** This is a general course for college students, and is not specially designed for Premedical students, though it will be valuable to them. Instruction will be given mainly by lectures. Open to any college student. Winter, Summer, 1900, 11:00; 1 U.

**2 General Bacteriology.** A continuation of Course 1. Spring, 1900, 11:00; 1 U.

**3 Medical Bacteriology.** This course is designed for Premedical students especially, and consists of actual laboratory work of two hours daily, supplemented by lectures and informal talks. The preparation of culture media, the methods of detection and identification of micro-organisms, and the verification of results by experiment, with the delicate and complicated technique required, will all be thoroughly taught. Prerequisites, Histology 1 and Pathology 1 and 2. Fall, 1:30 to 3:30; 1 U.

**4 Advanced Medical Bacteriology.** A continuation of Course 3. Winter, 1:30 to 3:30; 1 U.

## Hygiene.

**1 Hygiene.** A course on the applications of Bacteriology to Hygiene. Designed especially for Premedical students. Prerequisites, Bacteriology 3 and 4. Spring, 1:30 to 3:30; 1 U.

## Materia Medica.

**1 Materia Medica.** Drugs and their properties and doses will be taught by lectures and recitations. A collection of the most important drugs used in medicine, both in the crude form as bark or root or leaf, and as finished pharmaceutical products, will be formed as soon as possible to assist the student in his work.

Winter, 10:00; Fall, 11:00; 1 U.

**2 Materia Medica.** A continuation of course 1. Spring, 10:00; Winter, 11:00; 1 U.

## Therapeutics.

**1 Therapeutics.** The applications of healing agencies and methods employed in nursing, with such light as may be obtained from the methods of clinical diagnosis, will be taught by lectures and recitations. Prerequisites, Materia Medica 1 and 2.

Summer, 10:00; Spring, 11:00; 1 U.

## Synoptic Lectures to Premedical Students.

**1 First Aid to the Injured.** During the Winter (1900) Quarter. Dr. Thayer will give a course of lectures, one each week, on First Aid to the Injured, describing the most common medical emergencies and how to treat them. Open to all students. Hours to be announced.

**2 The History of Medicine.** Lectures by Dr. Thayer once a week during the Spring (1900) Quarter. Hours to be announced.

## The University Year.

The University is virtually in continuous session, the three months vacation in summer having been abolished, so far as the University itself is concerned. The University year is divided into four quarters, of twelve weeks each, with recesses of one week between quarters. No student or instructor is expected to work at the University more than nine months out of twelve, unless he desires to do so. Under this system a student may begin his work at the beginning of any quarter, and may take his vacation either during the summer quarter, or during the fall, winter or spring quarter. He is, however, at liberty to continue his University work during all the four quarters, if he is strong enough, and desires to do so. Similarly, an instructor may arrange to take his vacation during any quarter of the year, provided arrangements can be made in regard to the instruction in his department. The courses of instruction are arranged so that the work of each quarter is complete in itself. The classes in most subjects meet five times a week, enabling many topics to be covered in single quarters, and many more new classes to begin with each quarter than is possible under any other system. Courses for which there is great demand are given more than once in the same year, so that any student in attendance during that year may have the opportunity of taking them, in whatever quarter or quarters he takes his vacation.

The four quarters of the University year begin July 1, October 1, January 1 and April 1.

## University Fees.

Except in the School of Music, tuition is free to West Virginia students. To students from other states the tuition is :

In the Preparatory School, \$5.00 per quarter.

In the Commercial School, \$5.00 per quarter.

In the College of Law, \$8.00 per quarter.

In the other colleges, \$12.50 per quarter.

The matriculation fee is \$5.00, payable upon entering the University by all students. Unless the student remains out of the University more than three years the matriculation fee is paid but once.

The contingent fee is \$2.00 per quarter.

Students taking laboratory courses pay the following fees, to cover the cost of material used : General Chemistry, Botany, and Zoology, \$2.00 per quarter ; Analytical Chemistry, \$6.50 per quarter.

## Board and Lodging.

It is possible to secure board and lodging in Morgantown for \$3.00 per week. Most students, however, pay from \$3.25 to \$4.00 per week.

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**The Winter Convocation.**

The Winter Convocation Sermon will be preached by Rev. I. A. Barnes, in Commencement Hall, at 7:30 p. m., Sunday, January 7.

The Winter Convocation will be held in Commencement Hall at 7:30 p. m., Tuesday, January 2. The program will be as follows:

CONVOCATION ADDRESS

by

PRESIDENT CHARLES W. DABNEY, of the University of Tennessee, Knoxville, Tenn.

QUARTERLY REPORT by the President of the University.

CONFERRING OF DEGREES.

Music will be furnished by the School of Music.

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