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1915-1917

Vol. I.

No. 8.

THE
UNIVERSITY OF NANKING
BULLETIN

1914-1915

CATALOGUE NUMBER



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SHANGHAI:
Printed at the American Presbyterian Mission Press

1914

CALENDAR.

1914-1915.

Fall Semester—twenty-two weeks.

Entrance examinations - - - September 8, 9.

Semester opens - - - - - September 10.

Holidays :

8th Moon Festival - - - October 4.

Anniversary of Republic - October 10.

Birthday of Confucius - - October 17.

Christmas - - - - - December 25, 26.

New Year's Day - - - January 1, 1915.

Final examinations - - - - January 30 - February 5.

Semester closes - - - - - February 6.

1915.

Spring Semester—eighteen weeks.

Entrance examinations - - - February 26-27.

Semester opens - - - - - March 1.

Holidays :

Tsing Ming - - - - - April 16.

Field Day - - - - - April 30.

Dragon Festival - - - June 17.

Final examinations - - - - June 22-28.

Class Day - - - - - June 29.

Commencement - - - - - June 30.

Fall Semester—twenty weeks.

Entrance examinations - - - September 6, 7.

Semester opens - - - - - September 8.

Holidays :

8th Moon Festival - - - September 23.

Anniversary of Republic - October 9.

Birthday of Confucius - - October 17.

Field Day, about - - - November 4.

Christmas - - - - - December 25, 26.

New Year's Day - - - January 1, 1916.

Final examinations - - - January 15-21.

Semester closes - - - - - January 22.

Medical School, see page 37.

Language School, see page 62.

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*Successor not appointed.

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* Leave of absence for language study and evangelistic work.

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CHANG HSIANG SHU, B.A., ,, Chinese Essays.

*Leave of absence for language study and evangelistic work.

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TSAO KUEN HWA, B.A., Mathematics.

LI SHU SHEN, B.A., English and Mathematics.

DZANG DZE YEH, B.A. (Chinese), Chinese.

TAO HWAI CHING, B.A. ,, Chinese Essays and Composition.

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UNIVERSITY OF THE STATE OF NEW YORK.

Charter of

THE UNIVERSITY OF NANKING.

THIS INSTRUMENT WITNESSETH: That the Regents of the University of the State of New York have granted this charter incorporating Ralph E. Diffendorfer, Eben B. Cobb, Stephen J. Corey, F. Watson Hannan, Louis H. Severance, Alexander McLean, Frank A. Horne, Robert E. Speer and Joab H. Banton and their associates and successors, under the corporate name of the University of Nanking, to be located in the city of Nanking, in the Province of Kiangsu, in the Empire of China, with nine trustees to be at first the persons named as incorporators to hold in the order of their naming, the first three for the year 1911, the second three for the year 1912, and the last three for the year 1913, and their successors to hold for terms of three years, to be chosen three each year—one by Board of Foreign Missions of the Methodist Episcopal Church, one by the Board of Foreign Missions of the Presbyterian Church in the U. S. A., and one by the Foreign Christian Missionary Society.

" That other incorporated missionary organizations may, at any time, be affiliated with and made constituent, trustee-electing members of the corporation of the University, by the favoring vote of the managing Boards of all of its then existing such constituent bodies and each such so added constituent body shall be entitled to choose, as its representative, or representatives, to hold for a term of three years, an additional associate member, or members, not exceeding three, as the vote of the affiliation shall provide, on the Board of Trustees of the University, to such representative trustee, or trustees, to hold for a like term.

The University shall have power to acquire by grant, gift, purchase, devise or bequest, and hold and dispose of such real and personal property as the purpose of the corpora-

tion shall require. It may have departments of elementary, secondary, and higher education, and may affiliate with its work other schools giving instruction in either of the said departments, but it shall not have power to confer degrees, except as shall be hereafter authorized or approved by the Regents of the University of the State of New York.

Granted April 19, 1911, by the Regents of the University of the State of New York executed under their seal and recorded in their office. Number 2132.

Amended May 2, 1912, by the Regents of the University of the State of New York, executed under their seal and recorded in their office. Number 2257.

Amended December 12, 1912, by the Regents of the University of the State of New York executed under their seal and recorded in their office. Number 2309.

A. S. DRAPER, *Commissioner of Education.*

(Seal)
ST. CLAIR MCKELWAY
Vice-Chancellor.

GENERAL INFORMATION.

Historical Sketch.

The present institution is the outgrowth of the union of higher educational work of the Presbyterian, the Disciples, and the Methodist Churches in Nanking, effected in February, 1910. These three bodies had been conducting schools independently for about eighteen years previous to the union.

The basis of union was, originally, that each of these societies should contribute \$40,000 in property or in money, the salaries of three teachers, and an annual grant of \$2,400 each. Later, the number of teachers was increased to four each and the annual grant to \$3,000.

About a year after the consummation of the union, the East China Union Medical College was organized and located in Nanking. This was composed of the three societies named above and also of the Southern Presbyterian, Southern Methodist, and the Northern and Southern Baptist societies. It had been hoped when this separate institution was formed that it would ultimately become a department of the union. This was brought about in 1913. Hence seven societies are engaged in this work, four, however, sharing only in the Medical Department. The Northern Baptists have recently decided to enter into all parts of the University above preparatory and college grades.

Upon the request of twenty-seven different societies conducting a temporary Language School at Shanghai, during the revolution, such a school was started in Nanking in October, 1912. This permanent Language School has had three very successful years.

In September, 1912, a Normal Training Department was also opened; and while this Department is yet a new feature in the schools of China, we feel that the greatest emphasis should be placed upon the training of teachers both for our own and general Mission work, and also for the government

schools. In November a very successful Institute was held in connection with this work, at which two hundred teachers of Nanking and the surrounding district were in attendance.

The work started in 1911 by Professor Bailie, in affording relief for famine sufferers, has developed into the Agricultural Department. Connected with this is a large work in afforestation and colonization, the whole of Purple Mountain having been given to this Department by the Chinese officials for colonization purposes, the officials themselves heartily co-operating with Professor Bailie and showing the greatest interest in what has been accomplished.

The University has, therefore, at present the following departments:

1. Middle or Grade School, four years;
2. High School, four years;
3. College of Arts, degrees granted by the Regents of the University of the State of New York, four years;
4. Normal Training Department, two and four year courses;
5. Medical School, five years;
6. Agricultural Department, four years;
7. Missionary Training Department, one and two year courses.

Organization.

The property of the University of Nanking is held by a Board of Trustees in the United States, appointed by the Foreign Mission Boards represented in the Union, three for those co-operating in all the work of the institution, two by the Baptist Board which co-operates only in the advanced work, and one by the three other bodies co-operating in the Medical Department only. The property originally held by the foreign missionary societies has been turned over to this Board of Trustees, hence we have a thorough-going union rather than an affiliation.

On the field each Mission appoints three representatives to act as a Board of Managers to represent the Board of Trustees, and to give more immediate supervision and direction to the affairs of the University. Provision has also been made for the election of five strong representative Chinese leaders to the governing body.

Grounds and Buildings.

The University now owns about seventy-five acres of land in the center of Nanking, extending from the old Nanking University compound to the former Christian College, near the Drum Tower.

For the time being the High School, the Arts College, most of the Medical School, the Agricultural School, and the Language School are carried on at the former Nanking University center. The Normal and Practice Schools are conducted in a spacious building with a separate compound of about eight acres, a short distance to the north. The Middle School and the University Hospital are still nearer the Drum Tower. As soon as conditions are somewhat more settled, a new group of college and university buildings will be erected on our land by the Drum Tower. The college, medical, and agricultural students will then be moved there. All of the present middle school buildings and property, which join the Hospital, will be used by the Medical School.

The University owns four buildings devoted to class rooms, three dormitories, a chapel, a hospital, with a modern operating pavilion, under construction, attached, and thirteen residences for the foreign faculty and six for some of the Chinese faculty. Four other residences are under construction.

The Aim of the Institution.

This University is established to educate young men for Christian leadership, to provide educational advantages for the children of our Christian constituencies, and to promote

higher education in China for young men of all classes, under the best intellectual, moral, and physical influences.

Religious Activities.

All students of good moral character and with an earnest purpose to fit themselves for useful lives will be admitted to all the privileges of the University. The institution, however, established as it has been by Christian Churches, and largely maintained by Christian men and women, frankly seeks to exalt the ideals and teachings of Jesus Christ, believing that the principles of Christ will best help develop individual character and promote national welfare. While students are free to ally themselves to Christ and the Church or not as they individually choose, the allegiance to Him is emphasized as most desirable.

The required religious activities of the students are:—

- (1) Daily chapel attendance from 8 to 8:20 a.m.;
- (2) The Sunday morning service at 10:30 in the University Chapel;
- (3) Sunday Bible classes from 9 to 10 a.m., students being given the choice among eight or ten courses offered.

The Young Men's Christian Association holds regular meetings Sunday evening, attendance upon which is voluntary. It offers splendid opportunity for Christian activity and helpful service in various directions. Christian students should associate themselves with this organization both for the sake of personal development and for the sake of effective service for others.

Literary Societies.

Two literary societies are maintained for high school students, participation in which is compulsory. College, agricultural, and medical students have at least one literary society, attendance at which, while not compulsory, is strongly urged. The object of these societies is to provide oppor-

tunities for the use of the English language, practice in public speaking and debate, and familiarity with parliamentary law and the conduct of general meetings.

Library.

The library occupies the entire second floor of the Y. M. C. A. building. It is open regularly from 8:20 to 12:20; from 1:20 to 6:00; and from 7:00 to 9:00. On Saturday it is open from 8:20 to 12:20, from 2:00 to 4:00, and from 7:00 to 9:00 p.m. The Reading Room is open on Sundays from 2:00 to 4:00 p.m.

It contains 4,585 volumes of English books (June 13, 1914), 200 pamphlets, and about 800 Chinese books. 1,522 new volumes were added during 1913. Periodicals and certain reference books are kept in the Reading Room, and cannot be taken away.

A separate reading and magazine room is maintained in the same building by the Faculty and by Chinese and foreigners in the city. In this is kept a wider range of foreign magazines and publications. This room is open daily.

Museum.

Two large rooms on the third floor of the Science Building are used as a Museum, which is open daily, except Saturdays and Sundays, from 8:20 a.m. to 4:20 p.m.

Among the specimens of interest displayed here for the benefit of the students and visitors are the following:—

- 300 pairs of mounted birds and bats from Fukien Province but including forms common to both Kiangsu and the former province.
- 3 cases of corals, 83 of the specimens being from Singapore.
- 81 labeled specimens of rocks from the Smithsonian Institution.
- 1 case containing 143 mineral specimens.
- 1 case containing 128 species of fossils and casts representing the life from the Laurentian to the Quaternary periods.
- 5 small cases of Japanese rocks and minerals.
- Numerous specimens of Chinese rocks and minerals.
- Several hundred fossil specimens from Sihsia and the Lower Kitao limestones.

A large and varied collection of fossils from Kansas and New York. A collection of fossils from the Tatung Strata, described by Richtofen as of unknown age.

87 varieties of rocks and minerals for class study.

A collection of ferns. One of these specimens, *Hymenophyllum denticulatum*, Schwartz, collected at Kuling in 1909, is of special interest, because prior to that time this species was not known to occur farther north than Burma and the Malay Peninsula and Islands. The known range of the species has thus been moved a thousand miles to the north and east.

Among the specimens illustrating the processes of manufacturing are the following:

Aluminium cooking utensils, a display presented by the Aluminium Cooking Utensils Co., consisting of the crude ore (bauxite), the refined ore (alumina), an ingot, and a sheet of aluminium, and one finished stamped utensil.

Steel rails, a series of samples presented by the Carnegie Steel Co., consisting of Mesaba iron ore, limestone, Connellsville coke, pig-iron, spigeeisen, finished rail, connecting plates, spikes, etc.

These samples from the Carnegie Steel Co. are of peculiar interest because the rails are of the style and weight which the company is supplying to the Canton-Hankow Railway.

A series of samples of underground telephone cable, underground electric light cable, submarine telegraph cable, etc., which were presented by the Standard Underground Cable Company of Pittsburgh.

We are indebted to Dr. John R. Hykes, agent of the American Bible Society, for the deposit with us of a loaned collection of Chinese Bibles and Scripture portions issued by that society, and representing the various dialects of China.

The Philippine Bureau of Forestry has presented to us fifty 4 x 6 labeled specimens of Philippine woods. The China Import and Export Lumber Company has presented to us two display cases of Philippine, American, and Japanese woods (58 specimens, 29 species), and in addition six large specimens of Philippine woods. The United States Bureau of Forestry has notified us that they have shipped us seventy specimens of American woods.

Attention is hereby called to the need of additional specimens illustrating the various arts and sciences. While the University would desire to have such specimens presented, still it would be glad to have them as a loan.

General Regulations.

The University will not be responsible for cash or other valuables kept in students' rooms. Individual keys are provided for each room. A deposit of \$1.00 per semester is required for each key, and it will be returned in exchange for the key at the close of the term.

The dormitories are supplied with electric lights, but students breaking a bulb will be required to pay for a new one. No kerosene or lamps are needed or furnished for the dormitories. Students are not allowed to have kerosene stoves or to do cooking in their rooms. High school and middle school students must turn out lights at 10:00 p.m., all other students at 11:00 p.m.

Furniture damaged and windows broken in any student's room must be paid for by the student occupying that room.

The institution provides for the mopping of all floors, but students are required to sweep dust out of their rooms and to keep them clean and in order.

Between 4:00 and 6:00 p.m. each day, except Saturday and Sunday, a regular school servant will go out and purchase necessary articles for students, provided orders are sent in by 3:30 p.m.

Students will not need to employ private servants, but if for any reason one is desired he must be engaged on approval of the President, and the names of those employing him must be recorded in the President's office.

Smoking, wine drinking, and gambling in the dormitories are strictly prohibited, and infringement upon this rule, if repeated after one warning, will result in suspension. In all other matters—manner of recreation, language, visiting in rooms of other students, conduct in examinations, attitude toward teachers and the rules of the institution—students are expected to conduct themselves as gentlemen.

No meals will be served in the dormitories except in cases of illness, where the physician in charge gives special orders.

The bath-room will be open daily, with a servant in attendance, from 4:20 to 6:00 p.m. (except Saturday when the hours are from 12:30 to 6:00 p.m.) in the fall and winter; and from 4:20 to 7:30 in the late spring.

No general meetings of the student body are allowed nor may societies be organized among the students except by permission of the President.

College Entrance Requirements.

Students entering the Freshman class must have completed a four-year high school course based upon at least six years of elementary training. This preparatory work must have covered at least six years of English; Arithmetic, complete; the equivalent of Wentworth's High-school Algebra; the equivalent of Beeman and Smith's Plane Geometry; the equivalent of Zia's General Geography; the equivalent of Bergen's Elementary Botany and Zoology; the equivalent of Millikan and Gales' Elementary Physics; the equivalent of Davis's Physical Geography; and the equivalent of McPherson and Henderson's Chemistry. In Chinese subjects, students entering the College department must have completed the equivalent of our high school or of the government "middle" school (中學) course. They must be able to write an essay in passable Chinese.

Diplomas of graduation from approved preparatory or high schools will be accepted in lieu of examinations on the above subjects. In all cases a written guarantee must be presented by the student, signed by some responsible party, vouchsafing the character and good conduct of the student.

Entrance examinations may be taken, free of charge, at the time of the final examinations as announced in the Calendar or on the days set for entrance examinations at the beginning of each term. If taken at other times a fee of \$1.00 is charged. Seventy per cent. is the passing mark in the studies of all departments. No student can be registered in the College

department who is behind in more than ten credits. Back work must be made up during the first year.

For entrance requirements of the Medical Department, see page 39.

For entrance requirements of the Agricultural Department, see page 57.

For the Normal School, see page 51.

High School Entrance Requirements.

Students entering the High School must have had four years of English, including books equivalent to Newson's Grammar, the Standard Sixth Readers, Good Health, etc., and must be able to write a simple composition or letter; and they must have completed Arithmetic and studied elementary Geography. Such students must also have completed Chinese studies equivalent to our middle school course or to the government higher primary school course. They must be able to write a clear Chinese composition of several hundred characters.

Graduation and Degrees.

Graduates of our middle and high schools are given a certificate showing that they have completed the courses in these departments.

In the college a credit consists of one recitation period (of 55 minutes) or of two laboratory periods per week throughout a semester. One hundred and fifty-five credits are required for graduation from the college.

Graduates of the college and medical schools are recommended to the Regents of the University of the State of New York who grant the usual Bachelor degrees; diplomas are signed by the Regents, the President of the Board of Trustees, and the President of the University. Teachers' certificates are granted to those who complete the Normal courses.

Examinations.

Examinations are held during the term at the discretion of the teacher in charge of the class. In general not less than two or more than four mid-term examinations per subject are held during one semester.

At the close of each semester, final written examinations are held in all subjects. Seventy is the passing grade; a mark between sixty and seventy constitutes a condition. Students falling below sixty must repeat the subject in class. Conditions must be removed before the course is repeated, otherwise the subject must be repeated in class. Conditions may be removed by re-examination on the dates set for entrance examinations or by special examination on payment of fifty cents.

Fees and Expenses.

All fees must be paid in advance at the opening of each semester, unless written exceptions are made, in which case the student must receive from the President of the University a voucher which shall clearly indicate how and when the balance is to be paid. This voucher shall be presented to the treasurer at the same time as the entrance card, and he shall accept this voucher in lieu of cash and shall so indicate it on the entrance card.

Days set in the Calendar for entrance examinations and semester opening are also registration days. Former students who fail to register on this day will be charged an extra fee of \$2.

The annual fee in College, Agricultural, High, and Middle Schools is \$108. This includes tuition, board, room, lights, and athletic fee.

In the Medical School the annual fee is \$102 for the above items.

In the Normal School the regular tuition is \$20. Special normal students, studying English, pay \$40 for tuition. Board is \$48.

In the Language School, \$50 is charged for tuition and \$10 per month for personal Chinese teacher for seven to eight months.

Students having laboratory work pay each semester: for Chemistry, \$5.00; for Physics, \$3.00; for Biology, \$3.00; and for Physical Geography or Geology, \$3.00, with additional deposit to cover breakage.

A fee of \$5.00 gold for the diploma and of \$1.00 gold for the certificate of the Secretary of State is charged by the Regents.

Books, paper, and laundry must be provided for by the student. The University conducts a book-store where books and stationery can be secured at nearly cost price. Books must be paid for when taken. Hot water for tea and baths is furnished without charge.

Students withdrawing during the term for any cause will have no part of their fees refunded. In cases of prolonged and excused illness, unused fees may be applied on the following semester dues, if agreed to in writing.

The regular annual fees must be paid in half-yearly instalments upon the registration of the student at the beginning of each semester.

Scholarships.

A limited number of scholarships are granted to each co-operating Mission, but in no case will less than \$50 be accepted for a year. Students receiving these scholarships must maintain an average grade of 80%; must be unusually exemplary in conduct and Christian activity; and must sign an agreement to drop out of school and teach in one of the Mission elementary schools at such time and for as long a period as the Mission and University authorities deem advisable. This will usually be not over two years. Such scholarship students shall further agree to teach or do other work for the Mission or the University at a nominal salary until all temporarily loaned or remitted fees shall have been refunded in cash or in equivalent service.

Absences.

Excusable Absences. If, during the term, a student is absent for any reason for twenty days, he may be excluded from final examinations in such subjects as the Faculty may dictate and may be required to repeat the course in class. No student who is absent for thirty days will receive any credits. No new student shall be received after classes have begun, except by special permission of the President. Any student absent from mid-term or final examinations shall be required to take a special examination at such time as the teacher of that class may arrange, provided such examination shall not be taken upon dates set for entrance or final examinations.

Inexcusable Absences. Inexcusable absences are such as show intentional neglect of work. One unexcused absence from any class, English or Chinese, will cause the student to receive three demerits; unexcused absences from chapel or church on Sunday will call for one demerit each. When a student's demerits in one term amount to thirty, he is publicly reprimanded, and when they amount to fifty, he is suspended. No pupil will be suspended twice. If there is reason for a second suspension, he will be expelled and not again received.

Middle or high school students who live in Nanking are allowed to return home on Saturday afternoons twice per month, but must return by six o'clock. Other students in these departments may be allowed out on one Saturday afternoon per month. Permission to return home will be granted only under exceptional circumstances. It is earnestly hoped that parents will not request their sons to return home during the term. Medical, agricultural, and college students are allowed out every day from 4:20 to 6:00 p.m., and on Saturday afternoons until 6:00.

THE COLLEGE.

COURSES OF STUDY.

In the following schedule, each course represents five recitations (of fifty-five minutes each) per week for one-half year.

Group I is designed to give the student a broad cultural training, and leads to the degree B.A.

The following subjects are required in this group:—

FRESHMAN :	SOPHOMORE :	JUNIOR :	SENIOR :
English I.*	English III.*	English V.	Chinese VII.
English II.*	English IV*.	English VI.	Bible IV. *
Chinese I.*	Chinese III.	Chinese V.	Philosophy I.
Chinese II.*	Chinese IV.	Chinese VI.	Philosophy III.
Bible I.*	Bible II.*	Bible III.*	Education.*
Chemistry I.*	Geology.*	Psychology I.*	Sociology I.*
Mathematics I.*	Astronomy.	Economics I.*	Physics I.
History I.*	History II.	Political Science I.*	

German may be substituted for other electives in Group I.

Courses marked (*) are required of students in all groups.

In Group I the subjects are arranged as follows:—

FRESHMAN YEAR :

First Semester.

History I	5 Credits.
English I	5 "
Chinese I	5 "
Mathematics I	5 "
	<u>20</u> "

Second Semester.

Bible I	5 Credits.
English II	5 "
Chinese II	5 "
Chemistry I	5 "
	<u>20</u> "

SOPHOMORE YEAR :

Bible II	5 Credits.
English III	5 "
Chinese III	5 "
Astronomy	5 "
	<u>20</u> "

History II	5 Credits.
English IV	5 "
Chinese IV	5 "
Geology	5 "
	<u>20</u> "

JUNIOR YEAR :

English V	5 Credits.
Chinese V	5 "
Economics I	5 "
Psychology	5 "
	<u>20</u> "

English VI	5 Credits.
Bible III	5 "
Chinese VI	5 "
Political Science	5 "
	<u>20</u> "

SENIOR YEAR :

Education	5 Credits.
Chinese VII	5 "
Bible IV	5 "
Philosophy	5 "
	<u>20</u> "

Ethics	5 Credits.
Sociology	5 "
Physics	5 "
	<u>15</u> "

Group II emphasizes the social sciences and leads to the degree Ph. B.: the following subjects are required in addition to the required subjects of Group I.

FRESHMAN :	SOPHOMORE :	JUNIOR :	SENIOR :
Same	History II.	History IV.	Philosophy III.
as	History III.	Economics II.	Education.
Group I.	Political Science II. Sociology II.	Philosophy I. Psychology II.	Sociology III. Philosophy II.

Group III emphasizes science and mathematics and leads to the degree B. Sc.: the following subjects are required in addition to the required subjects of Group I.

FRESHMAN :	SOPHOMORE :	JUNIOR :	SENIOR :
Same	Mathematics II.	Mathematics III.	Astronomy.
as	Biology.	Physics I.	Physics II.
Group I.	Geology III. Chemistry II.	Geology IV. Chemistry III.	Geology V. Chemistry IV.

The year in which required courses are taken varies according to the Group in which the student is registered.

Each student is required, at the beginning of his sophomore year, to elect one of the three groups in which he shall be registered.

Subjects in one group may be substituted for subjects in another group provided the written consent of the heads of the faculties of both groups be filed with the registrar.

Students are not permitted to change from one group to another.

The faculty reserves the right to omit any elective course unless there are at least five students who choose that course.

Students electing either Group II or III must be recommended by the Chinese Department as being sufficiently qualified in Chinese, otherwise extra work in Chinese will be assigned until the attainments of the student are satisfactory.

For additional courses which may be substituted for the courses listed, see Description of Courses.

DESCRIPTION OF COLLEGE COURSES.

Astronomy.

The aim of this course is to give a general view of the main facts of Astronomy, some idea of modern astronomical theories and methods, and some acquaintance with the planets and stars as seen in the constellations. Both textbook and lectures will be used.

Bible.

The first two years of College work will be given to the study of the Old Testament history, using Kent's Historical Bible, with supplementary readings; and to New Testament history, emphasizing the life and teachings of Jesus, using the same author, with supplementary readings.

In the third year a course will be given in the History of Christian Philanthropy, using selected text and readings.

In the fourth year a course will be given in Education in Religion and Morals, using the textbook on that subject written by Professor Coe.

Biology.

This course deals with the fundamental principles of Biology. A textbook is used as a basis which is supplemented by discussions, lectures, and library reading on various biological subjects, such as the theories of evolution, the laws of heredity, and so forth. The laboratory work includes the study of the structures, activities, and life history of a selected number of type animals and plants. Laboratory fee, three dollars per semester.

Five hours, one semester.

Chemistry.

CHEMISTRY I. *Advanced General Chemistry.* Textbook: Alexander Smith, *Chemistry for Colleges.* Prerequisite, High School Chemistry. Three lecture periods and four laboratory periods per week for one semester.

A fee of \$5.00 must be paid to the registrar before students are admitted to this class.

A deposit of \$3.00 is required of all College students to pay for broken glassware and apparatus and use of key. Fifty cents are refunded when key is returned.

An account is kept with each student of all apparatus drawn from the storeroom.

The cost of apparatus broken, or not returned, is deducted from the deposit money and the balance is returned to the student at the end of the semester.

CHEMISTRY II. *Qualitative Analysis.* Textbook: Stieglitz, *Qualitative Analysis*, or equivalent. Prerequisite, Chemistry I. Three lectures and four laboratory periods per week for one semester.

Fees: the same as for Chemistry I.

CHEMISTRY III. *Quantitative Analysis.* A selected course in gravimetric and volumetric analysis. Prerequisite, Chemistry II. One lecture and six laboratory periods per week for one semester.

Fees: the same as for Chemistry I.

CHEMISTRY IV. Short courses in *Qualitative and Quantitative Analysis.* Prerequisite, Chemistry I. Two lectures and six laboratory periods per week for one semester.

Fees: the same as Chemistry I.

CHEMISTRY V. *Organic Chemistry.* Chemistry of the Aliphatic Compounds. Textbook: N. A. Noyes, or equivalent, with lectures. Prerequisite, Chemistry IV (or Chemistry I and II). Two lectures and four laboratory periods per week for one semester.

Fees: the same as for Chemistry I.

Chinese Courses.

CHINESE I AND II: *History of Chinese Literature*, including the study of the methods of writing, ancient and modern. Essay and letter-writing come once a week additional.

Five hours throughout the freshman year.

CHINESE III AND IV: *Selected studies of the Tsz P'u (子部)* with attention to Political Science, Ethics, Philosophy, Logic, and Literature, as illustrated by this work. Essay and letter-writing once a week additional.

Five hours throughout the sophomore year.

CHINESE V AND VI: *Selections from the Histories (史部)* with emphasis upon the current thought of the different periods, including the modern period. Essay and newspaper style once a week additional.

Five hours throughout the junior year.

CHINESE VII: *A survey of ancient and modern books* on various subjects, with essay writing.

Five hours, senior year, one semester only.

Economics.

ECONOMICS I. *Introduction.* A general course. Ely's text is used at present.

ECONOMICS II. *Public Finance.* Adam's text is used. In addition to the work usually covered in such a course, special emphasis will be placed upon the nature and function of money.

Education.

The object of this course is to render as concrete and practical as possible the work the college men have been taking in history, sociology, psychology, and other branches. The work presupposes college standing, and consists of assigned readings, followed by discussions and papers of many of the modern writers of note on educational questions. The psycho-sociological point of view is held.

English.

ENGLISH I. *Composition and Rhetoric*. Merkle's Modern Rhetoric is used as a textbook, but is largely supplemented by essay writing and by the reading aloud of selected specimens of English Literature. The selections are taken from the writings of Macaulay and Stevenson.

Freshman course, first term.

ENGLISH II. *Composition and Rhetoric*. A continuation of English I.

Freshman course, second term.

ENGLISH III. *Readings in English prose*. A course which includes some study of the principles of rhetoric and composition but places the emphasis upon the development of literary appreciation.

Sophomore course, first term.

ENGLISH IV. *Readings in English prose and poetry*. A continuation of English III, with selections from poetry as well as from prose. The works chosen in courses III and IV will be from the writings of Burke, Lincoln, Ruskin, Hawthorne, Matthew Arnold, Coleridge, Scott, or Tennyson.

Sophomore course, second term.

ENGLISH V, VI. *History of English Literature*. A brief historical survey of English literature, with readings from several of the more important authors studied.

Junior courses, English V coming in the first term and its continuation, English VI, in the second term.

ENGLISH VII. *Shakespeare*. A study of a few of the representative plays.

Senior course, first term.

ENGLISH VIII. *Milton*. Readings from the earlier poems and from Paradise Lost, with a study of the life and character of Milton.

Senior course, second term.

ENGLISH IX. *Advanced Composition*. Special emphasis will be laid on translation from Chinese to English and vice versa. (To be given in connection with the courses in Chinese Literature.)

Geology.

GEOLOGY I. *General Geology*. This course treats of the leading facts and principles of geology and the more important events of geological history. It embraces the following general subjects: the materials of the earth; physiographic geology; volcanic, diastrophic, and structural geology; historical and economic geology. A special general report on a particular area in the student's own vicinity is required.

Open to students who have completed their freshman work in college.

Textbook: Norton's Elements of Geology.

Recitations, lectures, and laboratory work five hours a week for one term. (Two laboratory hours count as one hour credit.)

GEOLOGY II. *Physiography*. The course embraces the following general subjects: the form of the earth as a whole, with its relation to other members of the solar system, the atmosphere, the ocean, and the land. This course is suited to the needs of those who teach physical geography and physiography in high schools.

This course may be taken instead of Course III by those electing the Science Group.

Textbook: Salisbury's Physiography.

Recitations, lectures, and laboratory work, five hours a week, second term, Sophomore year.

GEOLOGY III. *Interpretation of Topographic and Geologic Maps*. This course is intended especially to introduce teachers of high-school, normal-school, and college grade to modern

methods of laboratory work in physiography and general geology. It is based on topographic maps of the United States geological survey.

This course may be taken instead of Course II by those electing the Science Group.

Recitations, lectures, and laboratory work, five hours a week for one term.

GEOLOGY IV. *Economic Geology.* This course is designed to give a general knowledge of the principles governing the formation and occurrence of the more important ores and non-metalliferous deposits, and of the conditions, commercial and otherwise, which limit their exploitation. It comprises the study of structural materials, fuels, principles controlling the deposition of metalliferous ores, and ores of metals. No attempt will be made to cover the entire field, but typical districts or occurrences will be studied in each case. The student is expected to be familiar with the common rocks and minerals.

Prerequisite: Course I.

Recitations, lectures, and laboratory work, five hours a week for one term.

Laboratory fee: \$3.00.

GEOLOGY V. *General Paleontology.* This course is intended to present a general survey of the field of Invertebrate Paleontology. The ancient life history of the earth will be studied in broad outlines and the structure of the leading groups of fossil organisms elucidated with a view toward illustrating their lines of development. A careful study will be made of the more familiar types.

Prerequisite: Course I.

Textbook: Woods' Elementary Paleontology.

Lectures and laboratory work, five hours a week for one term.

Laboratory fee: \$3.00.

History.

HISTORY I. *United States History.* This is a general course in history, with outside readings and written reports in addition to the text. Muzzey's American History will be used. Open only to students who have completed the required courses in history in the High School.

One term, spring; freshman year.

HISTORY II. *History of Western Europe.* The history of Europe is taken up from the beginning of the mediaeval period and followed to the present time. Robinson's Introduction to the History of Western Europe is used. Outside readings and essays are required.

One term, autumn; sophomore year.

HISTORY III. *English History.* In this course a study is made of the development of English political institutions, language, and customs. Cheyney's Short History of England is used. Readings and written reports are required.

One term, spring; sophomore year.

HISTORY IV. *French History.* Emphasis will be placed on the last two centuries of French history. Montgomery's Leading Facts of French History is used. Readings and essays will be required.

One term, spring; junior year.

Mathematics.

MATHEMATICS I. *Plane Trigonometry.* Textbook: Granville's Plane and Spherical Trigonometry. Recitations four hours a week for one semester.

MATHEMATICS II. *College Algebra and Analytic Geometry.* Textbooks: Wentworth's College Algebra and Ziwet and Hopkins' Analytic Geometry. Recitations five hours a week for one semester. The first two months will be given to

College Algebra and the remainder of the time to the Analytic Geometry.

MATHEMATICS III. *Differential Calculus*. Textbook: Granville's *Differential and Integral Calculus*. Recitations five hours a week for one semester.

Philosophy.

PHILOSOPHY I. *History of Western Philosophy*:—A study of the development of Western thought in relation to geographical, literary, and political history. Text: Cushman's *Beginner's History of Philosophy*.

PHILOSOPHY II. *The Problems of Philosophy*:—This course should lead the student to think for himself upon the meaning of the world and of human life. Selected readings will be assigned in connection with the topics under consideration. Especial attention will be given to the concepts of idealism, realism, pragmatism, and evolution. Prerequisite: Philosophy I.

ETHICS:—A study of moral origins, followed by an analysis of the moral consciousness and of certain problems of social morality. Text: Dewey and Tufts' *Ethics*. Prerequisite: Psychology I.

Courses in the Psychology and Philosophy of Religion will be added as occasion for these may arise.

Physics.

PHYSICS I. Textbook: Carhart's *University Physics*, Vol. I. Lectures and recitations four hours a week and laboratory work two hours a week for one semester.

PHYSICS II. Textbook: Carhart's *University Physics*, Vol. II. Lectures and recitations four hours a week and laboratory work two hours a week for one semester.

Political Science.

POLITICAL SCIENCE I. *Introduction*. This is a general introductory course in which Gettell's *Introduction to Political Science* is used as a basis and readings in other texts are required.

One term, autumn.

POLITICAL SCIENCE II. *International Law*. The development of international law is traced from its beginnings to the present day. Lawrence's *Principles of International Law* is used as a basis.

One term, spring.

Psychology.

PSYCHOLOGY I. *Introduction to Psychology*:—This is a survey of the salient features of the mental operations involved in human reactions. The course is designed to give the student an appreciation of the function in human experience of such processes as sensation, perception, memory, reasoning, instinct feeling, etc. Text: Pillsbury's *Essentials of Psychology*, with collateral readings from such authors as Angell, Judd, and James.

PSYCHOLOGY II. *Advanced Psychology*:—The course aims to acquaint the student with two important fields of modern psychological thought, experimental psychology and social psychology. Seashore's *Experimental Psychology* and McDougall's *Introduction to Social Psychology* will be used as texts. Prerequisite: Psychology I.

Sociology.

SOCIOLOGY I. *Introduction*. A general course intended to give the student some conception of the field covered by the subject. Blackmar's text is used as an outline, but a large amount of collateral reading is required, especially in Dealey, Ellwood, Thomas, and Carver.

SOCIOLOGY II. *Social Technology*. A study of methods and institutions for the improvement of human society. Dr. Henderson's book on "Dependents, Defectives, and Delinquents" is used as a basis, and local studies of conditions are made where practicable.

SOCIOLOGY III. *Social Philosophy*. This course is devoted to a study of social utopias and ideal schemes of social organization, including Socialism. An attempt is made to define and outline social progress and indicate some criteria by which it may be judged.

Other courses, such as Social Origins, Comparative Social Organization, Ethnology, etc., will be offered as required or substituted for III.

THE MEDICAL SCHOOL.

Calendar.*

1914.	September 8.	Entrance examinations.
	September 10.	First semester begins.
1915.	January 30.	Term examinations begin.
	February 6.	First semester ends.
	February 26.	Second semester begins.
	June 18.	Term examinations.
	June 23.	Second semester ends.
	September 22.	Entrance examinations.
	September 27.	First semester begins.
1916.	January 16.	Term examinations.
	January 22.	First semester ends.
	February 18.	Second semester begins.
	June 16.	Term examinations.
	June 22.	Second semester ends.

General Statement.

The University of Nanking Medical School is incorporated under the laws of the State of New York as a department of the University of Nanking. It was established in 1910 as "The East China Union Medical College" by the following Missionary Boards:—

American Baptist Missionary Society.
 American Presbyterian Mission.
 American Presbyterian Mission, South.
 Foreign Christian Missionary Society.
 Methodist Episcopal Mission.
 Methodist Episcopal Mission, South.
 Southern Baptist Convention.

* For holidays see general Calendar, page 3.

In 1912 this School became affiliated with the University and in 1914, by action of the co-operating Missions and of the Board of Trustees of the University of Nanking, was included as the Medical Department of the University.

The administration of the Medical School rests with the University Board of Managers upon which each of the co-operating Missions is represented. All property rights are vested in the University Board of Trustees resident in the United States. By virtue of its incorporation this institution is subject to the regulations and requirements of the New York State Board of Regents.

The purpose of the School is to give to Chinese students, under Christian influences, a medical education equivalent in standard to that maintained in medical schools of the United States. To do this it has been found advisable to lengthen the course to six years and require a special preparatory year after graduation from a school of high-school grade. The course is divided into three parts,—First, a "Pre-Medical Year" of work in Biology, Chemistry, and Physics; second, the regular course of medical instruction, covering five years instead of four; third, an additional year of service in an approved hospital.

Facilities for Instruction.

The work of the Pre-Medical Class and that of the first three years of the regular course are given in the class-rooms and laboratories of the University Science Hall, a portion of which has been set apart for the exclusive use of the medical department. Laboratories in Chemistry, Physics, and Biology are thus provided. The teaching equipment includes microscopes (one for each student), anatomical, histological, and pathological material, manikins, charts, microtomes, incubators, and apparatus used in clinical microscopy. By the recent action of the Government it will be possible to secure fresh anatomical material. This will assist in the teaching of

human anatomy, which heretofore has been done largely from manikins and specimens prepared abroad.

Clinical instruction is given at the University Hospital recently acquired from the Foreign Christian Mission. This general hospital with over eighty beds and a daily dispensary clinic which averages seventy-five patients furnishes material for clinical work. Alterations effected during the past year have increased the accommodations and improved the facilities for clinical instruction. Class-rooms and a clinical laboratory are temporarily located in an adjoining building.

Requirements for Admission.

Candidates for the degree of Doctor of Medicine must have completed the full high school (academy) course, including a year's work in Physics and an elementary course in Biology. Students presenting certificates from such schools approved by the Faculty will be admitted to the Pre-Medical Year without examination. Students from other schools must pass satisfactory examinations in the following subjects:—

CHINESE:	Essay and Letter Writing, Commercial Press Rhetoric, and the National Readers for "High Primary" and "Middle" Schools.
HISTORY:	General History (such as Myers'), and Chinese History, as given in the Commercial Press Histories for "High Primary" and "Middle" Schools.
MATHEMATICS:	Arithmetic, Algebra (as far as quadratics), and Plane Geometry.
PHYSICS:	General course (such as Hoadley's High School Physics).
GEOGRAPHY:	General Descriptive.
BIOLOGY:	Elementary course in either Botany or Zoology.
ENGLISH:	Reading Selections, of the grade of the Third Reader.

Special Students.

Upon the request of any physician of the co-operating Missions, any student not a candidate for the degree of Doctor of Medicine may be received as a special student in the Pre-Medical or regular courses of study selected. Such students

must distinctly understand that they will receive only certificates for work completed and cannot secure a degree.

Advanced Standing.

Students applying for advanced standing must make personal application to the Dean, who will consider each case on its own merits. No allowances will be made for work not done in an approved medical school.

Expenses.

Board and tuition are \$100.00 per year, payable semi-annually in advance. Laboratory Fees during the course will not exceed \$15.00 per year. Each student is furnished with a microscope for which a yearly rental of \$5.00 is charged. The athletic fee is \$2.00 per year. Books and supplies are extra. The necessary text-books in Chinese cost from \$15.00 to \$20.00 each year.

Scholarships.

Each of the co-operating Missions has the disposal of two scholarships. Each scholarship is equivalent to \$50.00. Application for these scholarships must be made to the various Missions. The Medical School makes no reduction in the regular fees.

Occasionally there are opportunities for advanced students to act as laboratory assistants. From the upper classes two students are chosen each month to assist in the medical treatment of other departments of the University. For these services students receive \$5.00 per month.

Degrees and Certificates.

Students who meet all entrance requirements and complete satisfactorily the courses of study prescribed, including one year's service in an approved hospital, will be recommended to the Board of Regents of the State of New York for the degree of Doctor of Medicine.

To special students, taking any or all of the courses offered by the Medical School, the Faculty presents certificates indicating the amount of work completed.

Announcement for 1916.

In September, 1916, a new class will be admitted to the Pre-Medical Course. Requirements for admission will be found under "Entrance Requirements."

For further particulars address the Dean,

Dr. R. T. SHIELDS, Nanking.

CURRICULUM.

I. PRE-MEDICAL YEAR :

First Term—Biology (college grade), Inorganic Chemistry, Laboratory Physics.

Second Term—Biology, Laboratory Physics, Inorganic Chemistry (half term), Qualitative Analysis (half term).

II. REGULAR COURSE :

First Year—Embryology, Comparative Anatomy, Organic Chemistry, Gross Anatomy, Histology, Physiological Chemistry.

Second Year—Gross Anatomy, Physiology, Bacteriology, Pathology, Pharmacology.

Third Year—Pathology, Physical Diagnosis, Clinical Microscopy, Hygiene, Surgery, Surgical Clinics, Surgical Anatomy.

Fourth Year—Surgery, Surgical Clinics, Internal Medicine, Medical Clinics, Obstetrics, Therapeutics, Gynecology, Skin.

Fifth Year—Practical Work in Medicine and Surgery, Diseases of Eye, Ear, Nose, and Throat, Dietetics, Tropical Medicine, Public Health, Lectures on Medical Economics, Medical Jurisprudence, History of Medicine, and Ethics of Medical Practitioners.

Special Subjects :

Throughout the course English is taught twice a week, with special attention paid to reading medical literature.

Bible Study comes once a week, as a regular part of the curriculum

The writing of Chinese Essays is continued, once a week, until each student acquires a creditable style of composition.

III. HOSPITAL INTERNESHIP :

One year of satisfactory work as interne, in an approved hospital, is required of all candidates for the degree of Doctor of Medicine. During this year it is expected that the student will receive a small stipend, sufficient for his living expenses. At the close of the year the student will return to Nanking for final examination, and to receive his degree.

DESCRIPTION OF COURSES OF STUDY.**Physics and Chemistry.****PHYSICS.** Professor Lee.

A course in laboratory physics is given to the Pre-Medical Class. This course presupposes a knowledge of the elements of physics and is designed to supplement the instruction which students have already received. Eight hours a week are devoted to this work throughout the year.

CHEMISTRY. Professor Lee.

Ten hours a week during the Pre-Medical year are spent in Inorganic Chemistry. During the first year of the regular medical course instruction is given in Organic Chemistry and in Qualitative Analysis. This course also occupies ten hours a week and includes lectures, laboratory work, and quizzes based on Gillison's translation of Luff's Chemistry.

Biology and Comparative Anatomy.**BIOLOGY.** Dr. Shields.

Biology is given during the Pre-Medical year and occupies ten hours a week. Instruction is given by lectures but a large part of the time is spent in laboratory work. Whenever possible the parasites of disease are used for class study. Special emphasis is placed on proficiency in the use of the microscope.

COMPARATIVE ANATOMY. Dr. Shields.

The above course is followed during the first regular medical year by Comparative Anatomy and Embryology which occupy eight hours a week throughout the year. Laboratory work in embryology and mammalian dissections are features of this course.

Human Anatomy.**GROSS ANATOMY.** Dr. Shields.

Human Anatomy is taught throughout the first two years of the medical course. Heretofore human dissection has been prohibited and didactic work has been supplemented by additional mammalian dissections. The recent provision by the Government will hereafter make it possible to secure proper material for dissection. Hardened preparations of the extremities, manikins, and charts have aided in giving the students a practical knowledge of human anatomy. Disarticulated skeletons are furnished the students for the study of osteology.

MICROSCOPICAL ANATOMY. Dr. Shields.

Histology is given during the first year, six hours a week. Most of the time is spent in laboratory work and students are expected to become familiar with the appearance and structure of all normal tissues. Students are trained in the use of the microtome and stain all of their

own specimens. The texts used in the above courses are translations of Gray's Anatomy, the Essentials of Anatomy, and Cunningham's Atlas of Anatomy.

Pathology and Bacteriology.

PATHOLOGY. Dr. Evans.

Six hours a week are given to Pathology during the second year and the first half of the third. Lectures and quizzes based on the translation of Stengel's Pathology constitute the didactic work. A large assortment of pathological slides furnish material for laboratory study and demonstration. Drawings are made of all principal tissue changes. National prejudice has thus far prevented the study of fresh gross pathological lesions.

BACTERIOLOGY. Dr. Brown.

This course is given during the third year. A translation of Archinard's Microscopy and Bacteriology is used as the text. This is supplemented by lectures on special subjects. The preparation of culture media, the cultivation of bacteria on various media, the systematic study of about thirty micro-organisms, and the methods employed in the identification of unknown organisms are included in this course.

Physiology and Physiological Chemistry.

PHYSIOLOGY. Dr. Butchart.

Eight hours a week during the second year are given to the study of Physiology based on a translation of Halliburton's Physiology. The text is supplemented by lectures on subjects of particular interest. A portion of each period is given to the demonstration of physiological processes. An average of two hours each week is devoted to laboratory work by the class. A newly purchased supply of apparatus will increase the facilities for laboratory studies.

PHYSIOLOGICAL CHEMISTRY. Dr. Evans.

To the class recently admitted, Dr. Evans will give a special course in Physiological Chemistry. This will be given in the second year after a completion of the regular courses in chemistry.

Medicine.

PHYSICAL DIAGNOSIS. Dr. Brown.

This course is given during the third year by means of lectures, translated notes, and demonstrations. Didactic work occupies two hours and practical work by the students two hours, each week. The class is drilled in all the methods employed in physical diagnosis and is taught the significance of abnormal findings. A large part of the time is spent on the examination of the chest and abdomen. The Hospital furnishes ample material for demonstrations and for practical work by the students. History taking and the writing of hospital records is included in the course.

PRACTICE OF MEDICINE. Dr. Sloan.

Beginning with the second half of the third year, Dr. Sloan conducts a course based on the translation of Osler's Medicine with quizzes twice each week. This course is carried through the fourth year. The etiology, pathology, and symptoms of each disease are systematically reviewed and grouped with a view to their practical application.

CLINICAL MICROSCOPY. Drs. Brown and Sloan.

In the fourth year four hours a week are devoted to this subject. The course includes examination of the blood, feces, urine, stomach contents, discharges, and exudates, with special reference to the diagnosis of disease. Students are trained in the practical application of bacteriological examinations and serum reactions. A portion of the year's work is given to the study of human

parasites and the demonstration of their ova. Abundant material is furnished by our hospitals. While essentially a laboratory course, regular lectures are given on diagnostic methods and laboratory technique.

PEDIATRICS. Dr. Beebe.

The third year class receives two lectures a week in this subject. Special attention is given to the feeding of the infant, the nourishment of the child, and the prevention of disease. The studies are arranged with reference to conditions peculiar to China.

HYGIENE AND PREVENTIVE MEDICINE. Dr. Macklin.

During the past year Dr. Macklin has delivered to the advanced class a number of lectures on Preventive Medicine. Upon his return these will be resumed and included as a regular part of the curriculum.

MATERIA MEDICA. Dr. Shields.

Two hours a week during one semester will be given to this subject. The translation of Hare's *Materia and Therapeutics* is used as a text and for purposes of reference, but only the more important drugs are considered. Whenever possible the lectures on important drugs are accompanied by a practical demonstration of their pharmacological actions.

Surgery.

SURGICAL ANATOMY. Dr. Shields.

Lectures and quizzes three times a week during the second semester of the third year are given by Dr. Shields in Applied Anatomy. Whenever available, anatomical material is used for purposes of demonstration. The text used is a translation of Heath's *Practical Anatomy*.

PRINCIPLES OF SURGERY. Dr. Lasell.

This course is given during the third and fourth years. Two hours a week in the third year and three in the

fourth are devoted to lectures, quizzes, and demonstrations in the principles of Surgery. Anaesthetics, bandaging, and minor surgery are included in the early part of the course. The translated text of Ross and Carless' *Surgery* is used by the class. There are frequent demonstrations of illustrative surgical conditions.

Specialties.

Ophthalmology, Dermatology, Genito-Urinary Surgery, and other special subjects coming in the latter part of the course will be arranged for and given by members of the Faculty specializing in these particular branches.

Hospital Clinics.

During the final two years of the course students will give a large portion of their time to attendance at clinical lectures and demonstrations, to "Ward Walks," and to the study of individual cases in the University Hospital. Regular dispensary service will be required of all senior students.

In addition to the clinics given at the University Hospital, weekly demonstrations will be held at the Philander Smith Memorial Hospital conducted by the Methodist Mission.

THE UNIVERSITY HOSPITAL.

Located near the well known "Drum Tower," at the junction of several important thoroughfares and on the direct road from the heart of the city to the Yangtse River port, this hospital occupies a most advantageous position and can secure an almost unlimited amount of clinical material from which interesting and instructive cases can be secured for study and demonstration. The faithful labors of Dr. W. E. Macklin, who for twenty years conducted this Hospital, have won for it an enviable reputation which extends far beyond the limits of the city.

The plant consists of the main hospital building of 35 beds, and a receiving ward of 10 beds; special wards in remodelled Chinese buildings accommodate 40 patients, and two small isolation cottages will care for from ten to twenty cases as may be necessary. The new Teachout Operating Pavilion, now nearing completion, will furnish excellent accommodations for clinical demonstrations in medicine and surgery and will also provide two clinical laboratories.

The management of the hospital is under the direct control of the Medical Faculty. All material is available for teaching purposes.

Hospital Staff.

Committee of Management : Dr. S. L. Lasell,
Dr. R. C. Beebe,
Dr. James Butchart,
Dr. T. D. Sloan.
Superintendent : Dr. S. L. Lasell.
Matron in Charge : Mrs. L. W. Molland.

Visiting Staff.

Visiting Physicians : Dr. N. W. Brown,
Dr. T. D. Sloan,
Dr. P. S. Evans, Jr.
Visiting Surgeons : Dr. W. G. Hiltner,
Dr. S. L. Lasell,
Dr. F. P. Gaunt.
Visiting Ophthalmologist : Dr. J. Butchart.
Visiting Obstetrician : Dr. R. T. Shields.

Nurses.

Miss Florence Warner Miss Elice Kirkhoff.

Resident Staff.

Physicians :... .. Dr. Shen Yien Bing,
Dr. Chang Chi Bei,
Dr. Chang Kai Chang.
Pharmacist:... .. Mr. Chen Shu Sheng.

THE SCHOOL OF NORMAL TRAINING.

General Statement.

The subjects offered by this school may be combined so as to form three different courses. The first of these would include all that is at present offered. Ordinarily this will take four years for completion and leads to the diploma of the School of Normal Training. Graduation from this course requires the full equivalent of the University High School course in all subjects except English, and in place of English there are other subjects taken that are the equivalent and, from the teacher's standpoint, more necessary. Two years of English, however, are required.

The second course is especially provided for those who are unable to take the full course. It may be completed in two years and leads to a Two-year Certificate. The starred subjects in the list appended are required for this certificate.

The third course is provided for high school students who have completed part of their preparation for college and find it better to prepare sooner for teaching. Any student who has had the full equivalent of the University High School's first two years may enter and take all of the regular high school work, except that he must substitute for certain subjects all of the professional courses in the list below. By "professional" is meant all the work in education or allied subjects. These substitutions must be made with the consent of both the normal and the high schools. (See High School Courses of Study, Group I, Normal Training.) In addition he must take one year of practice teaching and one year in manual training. Upon the completion of this course a Normal-High School Diploma will be issued. This diploma will admit to the college without examination,

In reckoning the amount of credit due for any course, a recitation that requires one hour per week throughout one semester is taken as the unit; that is, a class that meets for recitation 5 times per week, an hour each time, will count as 5 hours. For laboratory, manual training, drawing, and practice teaching either 2 or 3 hours are required in order to count as an hour.

Entrance Requirements.

Matriculation will be granted to those who have had full eight years of grammar school training (graduates of 高等小學) and to those who have a mature grasp of the Chinese language and literature. Neither English nor arithmetic, in the case of older students, is necessary for admission. Hence examinations for admission, when necessary, will be based, in the case of younger students, upon the curriculum of the regular grammar schools, and in the case of older students, upon Chinese only. For those who have had part of the materials of this school elsewhere it is possible to arrange for advance standing. Furthermore, it is required of every applicant that he present credentials proving good character and a purpose to become a teacher.

Fees.

The cost of tuition is \$10 per semester, or with English \$20, per semester. In the case of those who desire to board in the University dormitories there is an additional charge of \$24 per semester which covers food, room, hot water, and athletic fees.

Curriculum of the School of Normal Training.

STUDY	FIRST YEAR hrs.	SECOND YEAR hrs.	THIRD YEAR hrs.	FOURTH YEAR hrs.
CHINESE	Same as H. S. Ditto * 8	Same as H. S. Ditto * 5 Elementary School Readers and Meth- ods of Teaching * 3 Ditto * 3	Same as H. S. Ditto * 8	Same as H. S. Ditto * 8
RELIGIOUS EDUCATION	Same as H. S. Ditto * 3	Same as H. S. Ditto * 2	Same as H. S. Ditto * 2	Same as H. S. Ditto * 2
MATHEMATICS	Arithmetic * 6 Ditto * 6	Algebra or Geometry * 5 Ditto * 5		
ENGLISH	Optional	Optional	Required Ditto	Required Ditto
SCIENCE	Physiology and Hygiene * 5		Chemistry or Biology * 4 Ditto * 4 (taken in H. S.)	Physics Ditto * 4 (taken in H. S.)
GEOGRAPHY AND HISTORY	General Geography * 6	History of World Commercial Geog- raphy and Govern- ment * 5		
TECHNICAL AND PROFESSIONAL	Drawing or Music * 1 Ditto * 1 Industries * 2 Ditto * 2	Drawing or Music * 1 Ditto * 1 Industries * 2 Ditto * 2 Practice Teaching * 2 Ditto * 2	Educational Psy- chology * 4 General Method * 4	History of Education * 4 School Management * 4 Practice Teaching * 2 Ditto * 2
	49	53	48	52

* The stars refer to those courses required for the Two-year Certificate.

Description of Educational Courses.

I. HISTORY OF EDUCATION. The course begins with Greek and Roman education and takes the student through the various stages of educational development to the present day. The course presupposes a fair acquaintance with general

history. A textbook and collateral readings are used. Four hours, one semester.

II. EDUCATIONAL PSYCHOLOGY. This course deals with the individual and will aim to teach the student to study himself as the necessary prerequisite to the understanding of others. A text is used supplemented by lectures and discussions. Four hours, one semester.

III. EDUCATIONAL METHOD. This course deals with the general principles that underlie all subjects of the curriculum. The special treatment of individual subjects is taken up in connection with the conferences held with practice teaching sections. No formal textbook will be used. Four hours, one semester.

IV. SCHOOL MANAGEMENT. The work in this subject will supplement and be illustrated by the work done in practice teaching. The special problems of Chinese schools will be taken up. The texts extant on this subject will be examined and in general the students made acquainted with the literature on organization and management.

The Practice School.

The Practice School is organized by the Normal Department both as a place where normal students may gain practical experience in teaching, and as a laboratory of better methods.

The tuition is \$10.00 per year for strictly day students. Boarders for the first four grades must pay \$20.00 per year for tuition and in addition the regular rates for living in the dormitories. For fifth year boarders the rate for tuition is the same as that in the Middle School (\$30.00 per term) as the course is the same; and in addition the regular boarding rate of \$24.00 per term must be added, making in all \$54.00 for each semester.

The course is as follows:—

Curriculum of Practice School.

SUBJECT	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR	FIFTH YEAR.
NATIONAL LITERATURE	Vols. I, II	Republican Reader Series, Commercial Press Vols. III, IV	Commercial Press Vols. V, VI	Vols. VII, VIII	
COMPOSITION	Phrase and Sentence Building		Composition and Letter Writing		
NATIONAL LANGUAGE	Eastern Aesop * European Aesop *	* Illustrated Object Lessons—Zia, Presby. Press		Republican Series Science Readers, C. P. Vols. IV, V, VI	
WRITING AND PENMANSHIP	Sand and Clay Modeling Tracing Raised Characters		Tracing Characters and Writing from Models		
HISTORY				Easy History Vols. I, II, III, IV 白話歷史	
ARITHMETIC	Number work, no books		Simplified Arithmetic, Commercial Press Vol. III	Vol. IV	
GEOGRAPHY			New Primary Geography Vols. I, II, III, IV 中國圖書公司		
BIBLE	See Special Course in Religious Education for Primary Schools				
NATURE STUDY	See books in Language, above				
DRAWING	Easy Drawing, selected, and Busy Work: Elementary Hand Weaving		Brush Work, selected	Pencil and Brush, selected	
MANUAL TRAINING			See special course in Manual Training		
SINGING	Selected Hymns and Songs, 15 minutes each day for each grade				
CALISTHENICS	School room exercises and breathing, yard drills, games.				

For work of this year see first year of Middle School.

* Teacher only has book.

All run throughout the week.

The Industrial Department.

This department forms a very large and important part of the work of the school. It is organized for the practical training of the Normal students in different forms of handicrafts. At the same time the children of the Practice School receive a very important share of their education in this department, for no school can be considered as in any sense a model without this training.

The courses in Manual Training are outlined below. Another part of the work is called the Self-help Department. Here needy students may earn part or all of their fees making cane and wicker chairs. In both the Manual Training and the Self-help Departments, constant effort is being made to discover new materials and new sorts of articles that can be appropriately manufactured with profit.

FIRST YEAR OF NORMAL SCHOOL.		SECOND YEAR OF NORMAL SCHOOL.	
Practice School.		Practice School.	
<i>1st and 2nd years.</i>	<i>3rd year.</i>	<i>4th year.</i>	<i>5th year.</i>
Busy work.	Lamp mats. Hand bags. Optional work.	Table baskets. Waste paper baskets. Optional work. Clothes baskets. Work baskets. Optional work.	Hand baskets. Fancy baskets. Optional work. Rattan core boxes. Clothes baskets. Optional work.
" "	Table mats.		
" "	Picture frames or wall decoration.		
Elementary hand weaving.			

Religious Education in the Practice School.

[Model for Primary Schools.]

FIRST YEAR.

1. *A. First Semester.*

General Subject: God the loving Father and His children. Providing for His children's needs.

- Subject 1. Providing care.
Subject 2. Providing help.

1. *B. Second Semester.*

- Subject 3. Providing protection.
Subject 4. Providing a home.
Subject 5. Providing a helper.

SECOND YEAR.

2. *A. First Semester.*

General Subject: God the loving Father providing for His children through His Son—Jesus, the Friend of all.

- Subject 1. The coming of the Friend.
Subject 2. The Friend in His childhood home.
Subject 3. Preparing for His work.

2. *B. Second Semester.*

- Subject 4. The Friend and the children.
Subject 5. The Friend in the home.
Subject 6. The Friend helping the needy everywhere.

THIRD YEAR.

3. *A. First Semester.*

General Subject: The story of God's dealings with one of His races.

- Topic 1. The beginnings.
Topic 2. Seeking a new home.

3. *B. Second Semester.*

- Topic 3. Settlement in their new home.
Topic 4. The united kingdom.

FOURTH YEAR.

4. *A. First Semester.*

General Subject: The story of Jesus and His work.

- Topic 1. The coming of Jesus.
Topic 2. The boyhood of Jesus.
Topic 3. Jesus beginning His work.

4. *B. Second Semester.*

- Topic 4. Jesus and the people.
Topic 5. Jesus and the people (continued).

THE AGRICULTURAL DEPARTMENT.

As the literature in Chinese on agricultural subjects is not full enough to provide textbooks for a full course in Agriculture, all teaching in this department will, for the present, be in English.

Entrance Requirements.

All students must have a medical certificate of sound body with no defects of vision.

Students will be divided into two divisions:—

- I. Regular students.
II. Special students.

I. Regular students must have graduated from the High School in the University of Nanking or have completed studies equivalent to the high school course. Those who desire to enter as regular students but have not gone through the regular high school course, can present themselves for examination on the 1st, 2nd, and 3rd days of each term. Credits will be given at these examinations for everything a student knows or can do, including manual labor, and for any literary or scientific knowledge not included in the present curriculum of the High School. The only subject for which no substitute will be taken is English.

II. Special students are those of a more advanced type, such as graduates of colleges and men who have done useful work in agricultural or some other line of business. Students returned from foreign countries who are graduates in agriculture will be admitted as special students.

Equipment.

I. The whole of the scientific plant of the University of Nanking is available for students in this department.

II. The work carried on by the Colonization Association offers a wide scope of field work. This includes:—

1st. The work on Purple Mountain, where there is in progress the development of the Forest Colony. This includes division of land, map-making, construction of fire-breaks, building of roads, manufacture of brick, building of houses, drainage, general farming, and forestry.

As the whole of Purple Mountain has been granted to the Colonization Association for afforestation, we have started a nursery under the management of Mr. Soo, a specialist sent from Peking. We have been approached by the Director of Forestry at Manila and by the head of the Bureau of Forestry in Peking to have a regular School of Forestry established here. Negotiations are proceeding most satisfactorily.

2nd. The Colony at Lai An Hsien in North Anhwei, where the Colonization Association has 13,000 *mu* of hilly lands. The character of the work at that place is greatly different from that carried on at Purple Mountain. Certain of the flat hill-tops can be plowed and regular farming carried on. Here the students will have a field for the study of dry-farming, partitioning, map-making, surveying, forestry, and practical problems in management.

III. Arrangements have been made with Mr. Zee Way Zung whereby students who so desire can have a course in Poultry Husbandry. Mr. Zee has worked for ten years in developing a first-class modern poultry outfit and has made a success in adapting western ideas to conditions in Central China. He will not only use his outfit for our students but will erect a place where they can live while in Shanghai, besides taking charge of the Poultry Department in person.

IV. The Shanghai Cotton Anti-adulteration Association has approached this department to conduct experiments in cotton-growing, using western seeds and western fertilizers. At their last meeting they voted tael 2,400 to conduct this experiment next year. At the beginning of next term there

will be a competitive examination to select the four best applicants for bursaries in cotton. These bursaries will carry free tuition. Outside students as well as those now in our Agricultural Department will be eligible. The holders of these bursaries will be required to spend the whole twelve months of the year in Nanking and will be taught all about the planting of cotton by actually working. These four students will spend practically all their time on the study and work of cotton for this year, which will be reckoned as a full year in their course for Bachelor of Science in Agriculture.

V. Four or five students yearly will be taken on to study practical landscape gardening by Mr. McGregor who is in charge of the gardens, parks, and street trees in Shanghai. These students will receive compensation for all work done. No one whose English is below that of a graduate of the High School in the University of Nanking need apply. Only those who show an aptitude for becoming proficient will be kept.

VI. His Excellency Chang Chien has at Nantungchow the finest experimental station in field crops in North and Central China. This station with its fine equipment of professors is to be at the service of our students.

Courses of Study.

FIRST YEAR.

English	Biology
Inorganic Chemistry	Geology
Physics	Surveying
Colonization and Practical Field Work.	

SECOND YEAR.

English	Farm Crops
Chemistry	Qualitative and Quantitative
Botany	Analysis
Soils	
Colonization and Advance Field work.	

THIRD YEAR.

Manures and Fertilizers	Political Economy
Horticulture	Economic Entomology
Plant Physiology	Animal Husbandry
Colonization Work, including Forestry.	

FOURTH YEAR.

Irrigation and Drainage	Rural Economics
Plant Improvement and Methods of Experimentation	Soil Survey
Poultry Management	Agricultural Chemistry
Farm Management	Fruit Culture
Colonization Work, especially Management.	

Graduation.

Regular students can complete the course in four years, when they will be recommended to the Regents to receive the degree of Bachelor of Science in Agriculture. Students who do good work in class and on the field as regular students but who do not finish the course will be given a certificate covering the work done.

Special students can also be recommended for this degree but not before spending one whole year in the Department.

Field Work.

No student however competent in his studies will be given a certificate for having finished the work of a single term unless he has done satisfactory field work. Field work includes learning to do the actual work that is being done by the workmen in whatever branch the student is engaged. Every class is divided into Division A and Division B of equal standing. Division A is on the field for two weeks while Division B is in the class rooms. The following two weeks they exchange places.

During the two weeks that the students are taking lectures they will also have an hour a day in actual work on the grounds of the University.

Outfit.

Each student must have at least one uniform and a pair of good shoes. It is also recommended that each have an oilcloth coat with hood, a pair of oiled leather boots (Chinese make), and an oilcloth in which to carry bedding in rainy weather.

Fees.

The fees for the present will be \$54 a semester, which includes board, from which no reduction can be made except for work done. Every student must deposit the usual laboratory fee, against breakages and for the use of microscopes and material.

New students pay an entrance fee of \$10.

THE DEPARTMENT OF MISSIONARY TRAINING.

Calendar.

Fall Semester opens ...	... Thursday, October 15, 1914.
Spring Semester closes ...	... About June 15, 1915.
Fall Semester opens ...	... Friday, October 15, 1915.
Spring Semester closes ...	... About June 15, 1916.

Holidays: Thanksgiving Day.
Christmas (about ten days).
Chinese New Year (one week).
Easter (one week).

NOTE: No student will be received after October 20. The system of teaching employed necessitates the strict observance of this rule.

Secretaries of the various Mission Boards are hereby requested to see that prospective matriculates are duly advised of the above Calendar. No exceptions can be made.

The Aim.

The aim of the school is to train newly-arrived missionaries and other students of the language to hear, speak, read, and to some extent write Chinese—and in this order of emphasis. Special care is exercised to prevent the development of one phase of language study to the detriment of other phases. A well rounded foundation is the object sought.

The Method.

The direct method is used. Students are taught from the first day to hear correctly the Chinese sounds. Not until the pupil can hear understandingly and can speak correctly does he see the character, much less write it. Lessons are introduced by the Chinese teachers orally. When the student has grasped the sound, tone, and meaning, he is then presented with the lessons in printed or mimeographed form. No characters which the student has not already heard and learned to use are required to be analyzed or written.

Character analysis and writing are always one week behind the work of hearing and speaking.

During the first three weeks much attention is given to the analyzing and Romanizing of sounds, that is, to Phonetics. Special care is taken to see that students understand the correct position of the organs of speech in the formation of strange and difficult sounds rather than allowing them to depend merely upon their ability to imitate. This training offsets certain dangers of any system of Romanization.

The Course.

The course covers one academic year of about eight months. F. W. Baller's textbook, *A Mandarin Primer*, is used as a reference book, and Dr. Bryan's system of character analysis in writing is followed. The course includes the analysis and writing of one thousand characters, with the ability to use the same idiomatically. One period of forty-five minutes each day is given exclusively to conversation; another period is occupied with the analysis of idiom and of grammatical forms illustrative of material already given to and used by the class. One period each day is devoted to character analysis and writing. After the seven to nine characters for the day have been analyzed and their radical and meaning given, students are then required to write from dictation sentences (connected discourse as soon as vocabulary will permit) spoken by the teacher. Friday is review day for the week. General written and oral reviews occur every five weeks. When the students are not in recitation, each one is engaged with a personal Chinese teacher in a single room. Study with the teachers is under constant foreign and Chinese supervision. Students rotate among the teachers, remaining with the same teacher one week. Sentence cards, containing English and Chinese on obverse sides, furnish a method of review and themes for conversation practice.

Daily Schedule (1914).

CLASS I.

8:30- 8:45	Devotional Exercise.
8:45- 9:30	Romanization and Conversation.
9:30-10:15	Study-room with Teacher.
10:15-10:30	Recess.
10:30-11:15	Grammar and Idiom.
11:15-12:00	Study-room with Teacher.
12:00- 2:00	Dinner and Rest.
2:00- 2:50	Mon. Wed. and Fri., Character Writing; Tues., New Testament; Thurs., A Story.
2:50- 3:05	Recess.
3:05- 4:00	Study-room with Teacher.

CLASS II.

8:30- 8:45	Devotional Exercises.
8:45- 9:30	Study-room with Teacher.
9:30-10:15	Romanization and Conversation.
10:15-10:30	Recess.
10:30-11:15	Study-room with Teacher.
11:15-12:00	Grammar and Idiom.
12:00- 2:00	Dinner and Rest.
2:00- 2:50	Study-room with Teacher.
2:50- 3:05	Recess.
3:05- 4:00	Mon. Wed. and Fri., Character Writing; Tues., New Testament; Thurs., A Story.

Fees.

Tuition	\$50.00	Mexican.
Teachers, at \$10 per month (8 months)	80.00	
Books, (estimated)	15.00	
Board (in private homes) at \$45 Mexican per month.		
Coal \$5 per month extra during four to five months.		

Note: Board includes food, furnished room, and light.
Students will furnish towels, table linen, and bedding.
Students will also arrange for their own laundry.

THE HIGH SCHOOL.

COURSES OF STUDY.

<i>First Semester.</i>				<i>Second Semester.</i>			
FIRST YEAR :		Hours.		SECOND YEAR :		Hours.	
Bible	... ..	2		Bible	... ..	2	
Chinese	... ..	8		Chinese	... ..	8	
English	... ..	10		English	... ..	10	
Algebra	... ..	4		Algebra	... ..	4	
THIRD YEAR :				THIRD YEAR :			
Bible	... ..	2		Bible	... ..	2	
Chinese	... ..	8		Chinese	... ..	8	
General History	... ..	4		General History	... ..	4	
Geometry	... ..	3		Geometry	... ..	3	
Commercial Geography	... ..	2		Commercial History	... ..	2	
Physics	... ..	5		Physics	... ..	5	
FOURTH YEAR :				FOURTH YEAR :			
Bible	... ..	2		Bible	... ..	2	
Chinese	... ..	8		Chinese	... ..	8	
Business	... ..	4		Pedagogy	... ..	4	
Physical Geography	... ..	5		Physiology and Hygiene	... ..	5	
Chemistry	... ..	4		Chemistry	... ..	4	

After completing the first two years, or their equivalent, students may substitute one of the following two groups :

Group I. Normal Training.

THIRD YEAR :		Hours.		THIRD YEAR :		Hours.	
Bible	... ..	2		Bible	... ..	2	
Chinese	... ..	8		Chinese	... ..	8	
General History	... ..	4		General History	... ..	4	
Geometry	... ..	3		Geometry	... ..	3	
Commercial Geography	... ..	2		Commercial History	... ..	2	
History of Education	... ..	4		Educational Psychology	... ..	4	
Industries	... ..	2		Industries	... ..	2	
FOURTH YEAR :				FOURTH YEAR :			
Bible	... ..	2		Bible	... ..	2	
Chinese	... ..	8		Chinese	... ..	8	
Physical Geography	... ..	5		Physiology and Hygiene	... ..	5	
Educational Methods	... ..	4		School Management	... ..	4	
Practice Teaching	... ..	2		Practice Teaching	... ..	2	

Group II. Commercial.

THIRD YEAR:	Hours.	Hours.	
Bible	2	Bible	2
Chinese	8	Chinese	8
General History	4	General History	4
Geometry	3	Geometry	3
Commercial Geography... ..	2	Commercial History	2
Business Arithmetic	4	Book-keeping	4
FOURTH YEAR:			
Bible	2	Bible	2
Chinese	8	Chinese	8
Business Forms and Cor- respondence	4	Business Law	4
Physical Geography	5	Physiology and Hygiene	5
Physics	4	Physics	4

DESCRIPTION OF COURSES.

Bible.

The High School course in Bible consists of the study of the New Testament, using Burton and Luce's Harmony for the first two years and Burton and Luce's Apostolic Age and Epistles for the third and fourth years.

Biology.

I. ELEMENTARY BOTANY. The study of the text-book will be accompanied by laboratory work. Recitations two hours a week, and laboratory work two hours a week. Some outdoor work will form a part of the course. Laboratory fee, three dollars.

First semester. Three hours.

II. ELEMENTARY ZOOLOGY. Recitations and demonstrations two hours a week and laboratory work two hours a week. Field trips will be made to near-by points of interest. A laboratory fee of three dollars will be charged in this course.

Second semester. Three hours.

III. PHYSIOLOGY AND HYGIENE. This is elementary in nature and is intended as a general study of the structures and functions of the human organs, to the effect that the essential ideas of the science of life and laws of health may be applied to daily life. Recitations four hours a week, demonstrations and experiments two hours a week. Laboratory fee, three dollars.

Second semester. Five hours.

Chemistry.

A general course in Elementary Chemistry is given, requiring two recitation periods and two double laboratory periods per week throughout the year. The textbook is An Elementary Study of Chemistry, by McPherson and Henderson.

A laboratory fee of \$5 per semester must be paid before the student is admitted to the class.

A deposit of fifty cents is required upon receiving the key to one of the laboratory desks. This is refunded when the key is returned at the end of the semester.

Chinese Courses.**FIRST YEAR.***First Semester.*

Tseo Chuan (first part)	4 hours.
Kwoh Wen	4 hours.

Second Semester.

Tseo Chuan (second part)	4 hours.
Kwoh Wen	4 hours.

SECOND YEAR.*First Semester.*

Lectures on the Shu King	4 hours.
Gwoh Wen	4 hours.

Second Semester.

Lectures on the Cheo Li... ..	4 hours.
Gwoh Wen	4 hours.

THIRD YEAR.

First Semester.

History from Hwang Ti to West Han.			
Lectures and readings	...	...	4 hours.
Gwoh Wen	...	...	4 hours.

Second Semester.

History from East Han to Swei. Lectures			
and readings...	...	...	4 hours.
Gwoh Wen	...	...	4 hours.

FOURTH YEAR.

First Semester.

History from the Tan to North Song ...			
Gwoh Wen	...	...	4 hours.

Second Semester.

History from the South Song to Tsing..			
Gwoh Wen	...	...	4 hours.

The Gwoh Wen class goes through the four years, during which students study selected readings of different styles of Chinese and write an essay once a week.

Civics.

This course is designed to enable students to study systematically the origin and development of the central and provincial governments of China, both past and present, and to compare in a general way the systems of government of several other nations, so as to become familiar with the practical principles and methods by which they are actually governed and to prepare them for intelligent citizenship.

Two hours, first semester.

Commercial Courses.

I. BUSINESS ARITHMETIC. Students taking this course are supposed to have become thoroughly acquainted with the elementary principles of arithmetic, although a general and rapid review will be given at the beginning of the course, with

special emphasis on the fundamental processes. The aim of the course is to give to the students an effective tool for rapid and accurate calculation and to develop their ability to apply this tool in the solution of practical problems of business and every day life.

Four hours, first semester.

II. BOOK-KEEPING. This course is designed to give to the students a working knowledge of the essential forms, customs, and principles of debit and credit, which underlie the modern methods of single and double entry book-keeping. A standard textbook will be used, but practical work will be given special prominence and will form the main part of the course. The course is also designed to develop independent thinking and self-reliance, and to inculcate neatness, accuracy, and system.

Four hours, second semester.

III. BUSINESS FORMS AND CORRESPONDENCE. Students will study in this course how to use intelligently such instruments of business as receipts, notes, drafts, cheques, invoices, bills of lading, transfers, and other trade papers. Besides these business forms, time will also be devoted to commercial letter writing, including the proper use of commercial expressions, practice in writing, and abbreviations. Special attention will be given to letters of application, introduction, and resignation; enquiries, orders, replies, reports, advertisements, etc.

Four hours, first semester.

IV. BUSINESS LAW. The leading principles of mercantile and commercial law, and especially those now in effect in China, will be treated in a simple way, with concrete examples and practical problems as to how such principles are actually applied to business transactions such as Chinese customs, postal and telegraphic operations, commercial contracts, official deeds, insurance policies, charters, and so forth. A special

feature will be the correct interpretation and writing of legal documents in both Chinese and English, including translation from one language into the other.

Four hours, second semester.

Economics.

An elementary study of the essential principles which govern wealth getting and wealth using. The aim of this course is to enable students to deal intelligently with their own economic problems and to adjust themselves as economic members in society. Introductory lessons will also be given on such topics as money, banking, taxation, insurance, and so forth.

Two hours, second semester.

English.

I a. FIRST YEAR, first semester.

(a) Five hours a week are given to advanced grammar, Lyte's Advanced Grammar being the text-book used. The principles of the text-book are constantly illustrated by oral and written composition.

(b) Five hours a week are devoted to a course in phonetics, conversation, and easy idiomatic composition. Special attention is given to enunciation, drill being given in class and practice required outside of class each day in the sounds of letters and their combinations.

I b. FIRST YEAR, second semester.

(a) Lyte's Grammar is completed, the class meeting five hours a week.

(b) A class meeting five hours a week continues the phonetic work, conversation, and elementary idiomatic composition. Selections in English will be memorized and used as a basis for oral and written exercises.

II a. SECOND YEAR, first semester.

(a) Five hours each week are devoted to English composition, letter writing, and elementary elocution.

(b) The reading of English literature occupies five hours a week. The text-book used is one containing selections from the best literature. This is studied for the purpose of enabling the student to acquire a good vocabulary and ability in oral and written expression, as well as to introduce him to English and American authors and their writings.

II b. SECOND YEAR, second semester.

(a) Essay writing and elocution occupy five hours a week.

(b) Five hours each week are devoted to a continuation of the readings in English literature.

Geography.

COMMERCIAL GEOGRAPHY. This course deals with the fundamental conditions underlying all industry and commerce, such as the basic facts of climate and topography which affect transportation, commerce, and production of animal and vegetable products. The natural resources of the different countries will be studied with special emphasis upon those of China. It will be mostly textbook work, but students will be required to give independent accounts regarding the industrial and commercial conditions of various localities with which they may be familiar.

Two hours, first semester.

PHYSICAL GEOGRAPHY. This is an elementary course covering the ground of standard high school work in the subject. It gives mainly general physiographical information, furnishes an introduction to the science, and lays emphasis on the relation between man and his physical environment. Topographic maps and such field work as proves possible

are used as the basis for the laboratory work. Textbook: *Modern Geography*, Salisbury, Barrows, and Tower.

Open to students who have completed the third year of the High School course.

First semester, five hours a week.

History.

COMMERCIAL HISTORY. The students of this course will first study the facts of the beginnings of the agricultural and industrial arts of the ancient nations, and then the origin of commerce by which the products of those ancient civilizations were exchanged. They will also take up the commercial developments and achievements of the modern nations through the middle ages. One modern nation will be treated with more emphasis as a basis for the study of the Chinese nation.

Two hours, second semester.

GENERAL HISTORY. The method used is one of topical study. Readings are assigned for library work, map drawing, and the study of sources.

Four hours a week, throughout the year.

Mathematics.

ALGEBRA. This course is prepared for students who have had no previous experience in algebra, and it emphasizes the meaning of algebraic formulas and their correlation with arithmetic, geometry, and physics; it also emphasizes the method of checking results and the use of graphs for illustrative purposes. All unimportant details of the science are omitted.

The textbook is in Chinese, but English equivalents of the important algebraic terms and expressions will be given.

Four hours a week, throughout the year.

GEOMETRY. This course consists of a minimum number of the most fundamental formal proofs as models, and a maximum number of unsolved problems as exercises in con-

struction and computation, based upon only such topics as will develop mathematical power and insight. The correlation of geometry and algebra will be also treated. Although a Chinese text is used, the student will be taught and required to know in English all the terms and expressions studied.

Three hours a week, throughout the year.

Physics.

This is a general introductory course, the textbook being *A First Course in Physics*, by Millikan and Gale. Recitations four hours a week and laboratory work two hours a week for one year. This course must be preceded by algebra and preceded or accompanied by plane geometry.

THE MIDDLE SCHOOL.

COURSES OF STUDY.

1 A.

National Reader, Higher Elementary, Nos. 5 and 6	...	6 periods.
National Reader, Vol. I. First half (Chung Hwa Book Co.)	6	"
Arithmetic—Elementary	...	5 "
Geography—National. (Chung Hwa Book Co.)	...	5 "
Bible—Lessons in Mark, ½ (Y. M. C. A.)	...	5 "
English Language—Language Primer, ½ (Miss Pierce)	...	6 "
First Reader, ½, Wade and Sylvester	...	6 "
Nature Study—Object Lessons, ½ (Commercial Press)	...	5 "
Composition and Penmanship, selected, Chinese	...	5 "
Manual Training, Elementary Hand Weaving	...	10 "

1 B.

National Reader—Higher Elementary, Nos. 7 and 8	...	6 periods.
National Reader, Vol. II. Second half (Chung Hwa Book Co.)	6	"
Arithmetic—Mateer, Fundamental Rules	...	5 "
Geography—World (Chung Hwa Book Co.)	...	5 "
Bible—Lessons in Mark, ½ (Y.M.C.A.)	...	5 "
English Language—Language Primer ½ (Miss Pierce)	...	6 "
First Reader, ½, Wade and Sylvester	...	6 "
Nature Study—Object Lessons, ½ (Commercial Press)	...	5 "
Manual Training, Elementary Hand Weaving	...	10 "
Composition and Penmanship	...	5 "

2 A.

Chinese History—History for Middle Schools, first part, and half of second part	...	5 periods.
Chinese National Reader—Chinese Reader II, 20 lessons, (Chung Hwa Book Co.)	...	5 "
English Language—Lyte's Elementary English, first half	5	"
Second Reader—Wade and Sylvester	...	5 "
Arithmetic—Mateer. Denominate Numbers to Multiplication of Fractions	...	5 "
Bible—Old Testament History, first 12 lessons (Davies)	...	3 "
Science—Elementary. Object lessons in Physics and Chemistry	...	2 "
Penmanship and Composition, Chinese, Vocal Music,		

THE MIDDLE SCHOOL.

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2 B.

Chinese History—History for Middle Schools, last half of second part	...	5 periods.
Chinese National Reader I. Chinese Reader for Middle Schools, first 22 lessons (Chung Hwa Book Co.)	...	5 "
English Language—Lyte's Elementary English, second half	5	"
Third Reader—Wade and Sylvester	...	5 "
Arithmetic—Mateer. Multiplication of Fractions to Percentage	...	5 "
Bible—Old Testament History, lessons 13-24 (Davies)	...	3 "
Elementary Science. Object Lessons in Physics and Chemistry	...	2 "
Penmanship and Composition. Chinese. Vocal Music.		

3 A.

Chinese History—History for Middle Schools, first half of third part	...	5 periods.
Chinese National Reader, I. Chinese Reader for Middle Schools, last 28 lessons	...	5 "
Fifty Famous Stories—Baldwin	...	5 "
English Language—Lyte's Elements of Composition, 60 pages	...	5 "
Arithmetic—Mateer. Percentage to Progressions	...	5 "
Bible—Old Testament History, lessons 25-36 (Davies)	...	3 "
Elementary Science—Elements of Hygiene, first part,	...	2 "
Penmanship and Composition. Chinese. Vocal Music.		

3 B.

Chinese History—History for Middle Schools, last half of third part	...	5 periods.
Chinese National Reader, II. Chinese Reader for Middle Schools, first 30 lessons	...	5 "
Thirty Famous Stories—Baldwin	...	5 "
English Language—Lyte's Elementary Composition, second 60 pages...	...	5 "
Bible—Old Testament History, lessons 37-48 (Davies)	...	3 "
Arithmetic—Mateer. Progression to end of book (3rd)	...	5 "
Elementary Science—Elements of Hygiene complete	...	2 "
Penmanship and Composition. Chinese. Vocal Music.		

4 A.

Chinese History—History of Western Countries	5 periods.
Chinese National Reader III. Chinese Reader for Middle Schools, first 28 lessons	5 "
English Language—Lyte's Elements of Composition, Part II, with supplementary work	5 "
Fourth Reader—Wade and Sylvester	5 "
Algebra—Wentworth, first third	5 "
Bible—Apostolic History, first half (Davies.)	3 "
Geography of the World—Hawkins, in English (Commercial Press)	2 "
Penmanship and Composition. Vocal Music.	

4 B.

Chinese History—History of Western Countries II, complete	5 periods.
Chinese National Reader, III. Chinese Reader for Middle Schools, complete	5 "
English Language—Lyte's Elements of Composition, Part III, with supplementary work	5 "
Fifth Reader—Wade and Sylvester	5 "
Algebra—Wentworth, second third	5 "
Bible—Apostolic History, second half (Davies)	3 "
Geography of World—Hawkins, second half, (Commercial Press)	2 "
Penmanship and Composition. Chinese. Vocal Music.	

In I A and I B, the periods are one-half hour long; in the three remaining years they are three-quarters of a hour long.

REGISTER OF STUDENTS.

GRADUATES, 1913-1914.

College Class Graduated June 27, 1913.

1. Chen Ching Chang	Wuweichow, Anhwei.
2. Chi Lai Hsing	Yangchow, Kiangsu.
3. Hu Tien Tsing	Chihchow, Anhwei.
4. Hwang Tsung Lwen	Wuweichow, Anhwei.
5. Liu Ching Pau	Chinkiang, Kiangsu.
6. Wu Sheo Tao	Anching, Anhwei.

Medical Class Graduated January 22, 1914.

1. Chang Chi Pei	Haining, Chekiang.
2. Chang Wei Sing	Tantu, Kiangsu.
3. Chang Yu Lung	Kiangyin, Kiangsu.
4. Chen Tsao En	Ningpo, Chekiang.
5. Du Ru Fen	Shanyu, "
6. Hsiang Yu Hsing	Kashing, "
7. Mao Bah	Tunghsien, Chekiang.
8. Shen Yien Ping	Hanyang, Hupeh.
9. Sun Lung Chiang	Shanyang, Kiangsu.
10. Tang Sing	Kianghsia, Hupeh.

College Class Graduated June 22, 1914.

1. Chao Sien Tung	Luhoh, Kiangsu.
2. Chen I Men	" "
3. Chu Shan Yuen	Chinkiang, Kiangsu.
4. Kwoh Chiung Yao	Chen Chow, Hunan.
5. Ling Tsüen... ..	Pukow, Kiangsu.
6. Lu Sien Teh	Wuchan, Hupeh.
7. Sie Chia Shen	Lingkwehfu, Anhwei.
8. Tao Wen Tsuing	Hweichow, Anhwei.
9. Tsü Tseh Ling	Chingtan, Kiangsu.
10. Tsü Yü Ho... ..	Kwangtsi, Hupeh.
11. Wu Peh Kwei	Nanking, Kiangsu.
12. Yang Tsung Chen... ..	" "

COLLEGE STUDENTS.

First Semester, 1914-5.

Freshmen.

1. Cha Si Ch'ien Shanghai, Kiangsu.
2. Chang Shao Chih Chungking, Szechwan.
3. Chang Ting Chi Shanghai, Kiangsu.
4. Chen Chang Kianglingchen, Kiangsu.
5. Chen Tao Lung Li Kia Tu, Kiangsu.
6. Cheo Yuen Shiao Soochow, Kiangsu.
7. Fang Chen Chuin Nanking, ,,
8. Feng Pao Ho Shanghai, ,,
9. Hsü Luen Yang Lanki, Chekiang.
10. Hwang Ching Yu Wuhu, Anhwei.
11. Ko Ta Yung Chungking, Szechwan.
12. Ling Shu Tong Chinkiang, Kiangsu.
13. Liu Nai Ching Chao Hsien, Anhwei.
14. Ma Chung Fan Nanking, Kiangsu.
15. Poh Chi Hwei Shanghai, ,,
16. Sung Ruh Hai Anching, Anhwei.
17. Tsien Ts'ung Pan... .. Shanghai, Kiangsu.
18. Tsü Run Chiang Kihwa, Chekiang.
19. Tsü Swen Yang Lanchi, Chekiang.
20. Tsü Tsiang Chi Wuhu, Anhwei.
21. Tsuei Chih Ch'ang ,, ,,
22. Wang Tung Shanghai, Kiangsu.
23. Wang Shi Yao Wuhu, Anhwei.
24. Yang Ch'an Chih Shanghai, Kiangsu.

Sophomores.

1. Choh Ching Chang Shianshan, Kwangtung.
2. Hung Yu Feng Wansu, Anhwei.
3. Tewksbury, M. Gardner Peking, Chihli.
4. Wren Ying Chung Nanking, Kiangsu.

Juniors.

1. Li Chen Hwang Chinkiang, Kiangsu.
2. Tung Chi Tao Wuhu, Anhwei.

Seniors.

1. Chang Chi Ih Tunchi, Anhwei.
2. Ch'en Chien An Shanghai, Kiangsu.
3. Chen Yü Kwan Nanking, ,,
4. Cheo Teh Hsi ,, ,,
5. Hu Sheo Yuen Anking, Anhwei.
6. Liu Chüin Wuhu, Anhwei.
7. Liu Chung Luh Paoying, Kiangsu.
8. Lu Tsong En Shanghai, Kiangsu.
9. Tsü Ying Ho Anchin, Shantung.
10. Wang Chuan Yung Nanking, Kiangsu.
11. Wu Tong Choh Chichow, Anhwei.

STUDENTS OF THE MEDICAL DEPARTMENT.

First Semester, 1914-5.

Preparatory Class.

1. Chang Sing Bei Hangchow, Chekiang.
2. Chen Dao Seng Tsienshan, Anhwei.
3. Chen Dzeh Foo Ningpo, Chekiang.
4. Cheo Deh Ming Wenchow, ,,
5. Chih Seng Yung Ningpo, ,,
6. Choh King Tai Kwangchow, Canton.
7. Dzen Foh En Hangchow, Chekiang.
8. Dzen Yoh Ling Kiangyin, Kiangsu.
9. Hou Bao Shing Chaohsein, Anhwei.
10. Kao Ching Lang Shaoshing, Chekiang.
11. Ku Pu Chuan Ningpo, ,,
12. Ma Sih Fu Shaoshing ,,
13. Ma Wei Kang ,, ,,
14. Ren Ling Kwei Nanking, Kiangsu.
15. Sah (zak) Ang Sung Shanghai, Kiangsu.
16. Song Yuen Ling Chingkiangpu, Kiangsu.
17. Ting Lih Dzung Ningpo, Chekiang.
18. Tsai Tsang Ding ,, ,,
19. Wang Shie Kwei Wuhu, Anhwei.
20. Wang Yü Chang Hanshan, ,,

21. Wu Cheng Sheo	...	...	Shihchien, Anhwei.
22. Wu Yoh Weng	...	...	Singdzeng, Chekiang.
23. Yang Shi Ming	...	...	Nanking, Kiangsu.
24. Yao Wen Tsai	...	...	Shehsien, Anhwei.
25. Yeh Hsi Hwa	...	...	Kiuhwa, Chekiang.
26. Ying Yuan Yoh	...	...	Ningpo, ,,

Advanced Class.

1. Chang Fang I	...	...	Tientai, Chekiang.
2. Chen Hwai Ren	...	...	Yienchow, Chekiang.
3. Chen Teh Hwai	...	...	Tientai, Chekiang.
4. Chien Chi Suen	...	...	Nanking, Kiangsu.
5. Heo Pao Chang	...	...	Hwaiyuan, Anhwei.
6. Li Shu Hwa	...	...	Changteh, Hunan.
7. Ma Ming Hua	...	...	Shaohing, Chekiang.
8. Ni Luen Yuen	...	...	Dehching, ,,
9. P'an Wen Ping	...	...	Nanking, Kiangsu.
10. Shen Tsai	...	...	Wuchow, Chekiang.
11. Sie Shi Hwei	...	...	Hsiangtan, Hunan.
12. Sie Wei Ren	...	...	Luhoh, Kiangsu.
13. Sung Teh Tsuen	...	...	Wuhu, Anhwei.
14. Wang Yuen Ling	...	...	Hangchow, Chekiang.
15. Wu Chi Yong	...	...	Changchow ,,
16. Wu Ching Wan	...	...	Shehsien, Anhwei.

STUDENTS OF THE AGRICULTURAL DEPARTMENT.*First Semester, 1914-5.*

1. Chang Fuh	...	...	Dzapu, Chekiang.
2. Chang T'ung Wu	...	...	Haimen, Kiangsu.
3. Chao Chung Ting	...	...	Peking, Chihli.
4. Chen Chen	...	...	Chiensan, Kiangsu.
5. Cheo Ming I	...	...	Tongchow, Kiangsu.
6. Ching Seng	...	...	Shanyü, Chekiang.
7. Hsü Ch'en	...	...	Kaifen, Honan.
8. Li Tsih Hsing	...	...	Hangchow, Chekiang.
9. Ling Ren Ch'ien	...	...	Wuhsien, Kiangsu.

10. Liu Chu Ming	...	...	Hochow, Anhwei.
11. Pan Chien Ch'ing	...	...	Yuenchen, Kiangsu.
12. Shao Deh Hsing	...	...	Kaifen, Honan.
13. Yieh Yuin Ting	...	...	Ningpo, Chekiang.
14. Yü Dwen Ben	...	...	Laian, Anhwei.

NORMAL STUDENTS.*First Semester, 1914-5.***Regular.**

1. Chang Ming Tsien	...	...	Nanking, Kiangsu.
2. Ch'en Tsu San	...	...	Üincheofu, Anhwei.
3. Cheo Chwing	...	...	Nanking, Kiangsu.
4. Hu Pei Chieh	...	...	Hweicheofu, Anhwei.
5. Hu Wen Ping	...	...	Hofeihsien, Anhwei.
6. Huang Hsing Teh	...	...	Nanking, Kiangsu.
7. Ku Teh Yuen	...	...	" "
8. Liu In Tao	...	...	Luhohsien, Kiangsu.
9. Liu Pei Chi	...	...	{ T'sienchiaohsien, Anhwei.
10. Liu T'sung Li	...	...	Nanking, Kiangsu.
11. Tai Ming Sing	...	...	Luhohsien, ,,
12. Tang Teh Yung	...	...	Tai pingfu, Anhwei.
13. T'ang Pen Ming	...	...	Nanking, Kiangsu.
14. Tseng Kia Chi	...	...	Chihcheofu, Anhwei.
15. Tsiang Hsih Heo	...	...	Nanking, Kiangsu.
16. Tsiang Hsih Tsiung	...	...	" "
17. Wu Ping Kwei	...	...	" "

Special.

1. Chang Düu	...	...	Nanking, Kiangsu.
2. Chang Si Oh	...	...	" "
3. Chang Ti	...	...	" "
4. Ch'u Yiug	...	...	" "
5. Fun Ching Ti	...	...	" "
6. Goh Hung	...	...	" "
7. Hu Chen	...	...	" "
8. Kwei Hswin	...	...	" "

9. Lu Tsu Liang	...	...	Nanking, Kiangsu.
10. Pen Si Chioh	...	...	" "
11. Siang Chen...	...	...	" "
12. T'ien Hsui Ping	...	...	" "
13. T'su Yi Chioh	...	...	" "
14. Wang Ching Ken	...	...	" "
15. Wang Hung	...	...	" "
16. Wu Tseng Lung	...	...	" "

PRACTICE SCHOOL STUDENTS.

Lower Primary Grades	...	54	day students.
Upper Primary Grades	...	26	" "
Total	...	80	" "

STUDENTS OF THE LANGUAGE SCHOOL.

First Semester, 1914-5.

1. Adams, Archibald G.	...	West China.
2. Adams, Mrs. A. G.	...	" "
3. Ammerman, Helen B.	...	Yochow, Hunan.
4. Banta, Frances Irene	...	Nanking, Kiangsu.
5. Barlow, Dr. C. Heman	...	Shaohsing, Chekiang.
6. Barlow, Mrs. C. H.	...	" "
7. Beck, Karl H.	...	Shenchowfu, Hunan.
8. Darst, Margaret M.	...	Chuchow, Anhwei.
9. Davenport, Dorothy	...	Nanhsuchow, Anhwei.
10. De Jong, Nettie R.	...	Changteh, Hunan.
11. Dunkelberger, Sadie	...	Changsha, "
12. Gish, Ellis Preston	...	Nanking, Kiangsu.
13. Hagman, Dr. G. L.	...	Nantungchow, Anhwei.
14. Hagman, Mrs. G. L.	...	" "
15. Haist, Virginia E.	...	Anking, Anhwei.
16. Hamilton, Clarence H.	...	Nanking, Kiangsu.
17. Hanson, Victor	...	Shanghai, "
18. Hanson, Mrs. V.	...	" "
19. Herriott, Grace	...	Hunan.
20. Hoy, Mabel Ruth	...	" "

21. Kennington, T. W.	...	Wuhu, Anhwei.
22. Kennington, Mrs. T. W.	...	" "
23. Lacy, Carleton	...	Central China.
24. Lankester, Ronald Farrer	...	Yunnanfu, Yunnan.
25. Mead, Frederica R.	...	Nanking, Kiangsu.
26. Miller, Elizabeth J.	...	Yochow, Hunan.
27. Myers, Mary E.	...	" "
28. Niebel, Dr. B. E.,	...	Liling, Hunan.
29. Reisner, John H.	...	Nanking, Kiangsu.
30. Reisner, Mrs. J. H.	...	" "
31. Sayles, Florence	...	Chinkiang, Kiangsu.
32. Short, Samuel McC.	...	Liling, Hunan.
33. Smith, Clara Belle	...	Chinkiang, Kiangsu.
34. Towne, Edith	...	Nanking, "
35. Woods, Velma E.	...	Anking, Anhwei.
36. Walker, Elizabeth	...	Nanking, Kiangsu.
37. Dane, Laura E.	...	" "
38. Hunt, Faith A.	...	Nanchang, Kiangsi.
39. Schaefer, Roland T.	...	Kiukiang, "
40. Schaefer, Mrs. R. T.	...	" "
41. Search, Blanche T.	...	" "
42. Smith, Harriet Newell	...	Ningpo, Chekiang.
43. Warner, Florence M.	...	Nanking, Kiangsu.

HIGH SCHOOL STUDENTS.

First Semester, 1914-5.

First Year.

1. Chang Chiang Ti	...	Chinkiang, Kiangsu.
2. Chang Ting Pao	...	Shanghai, Kiangsu.
3. Chein Teh Hsing	...	Shaohsing, Chekiang.
4. Chen Ching Kwei	...	Hofei, Anhwei.
5. Chong Shi Chu	...	Manyang, Hupeh.
6. Chuan Ching Shen	...	Tungchow, Kiangsu.
7. Hsia Yong Kwei	...	Yangchow, Kiangsu.
8. Hsü Teh Tsuing	...	Yangchow, Kiangsu.
9. Hu Chüing	...	Singchienhsien, Kiangsi.
10. Hu I Kai	...	Nanking, Kiangsu.

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|-----|----------------------|-----|----------------------|
| 11. | Huang Tao Yong ... | ... | Szechwan. |
| 12. | Hung Hsing Peh ... | ... | Nanking, Kiangsu. |
| 13. | Hung Ruen Chiang ... | ... | Siaotanyang, Anhwei. |
| 14. | Kao En Yung ... | ... | Nanking, Kiangsu. |
| 15. | Kwoh Li ... | ... | " " |
| 16. | Liao Wen Ping ... | ... | Nanking, Kiangsu. |
| 17. | Liu Chen Yü ... | ... | Chinkiang, Kiangsu. |
| 18. | Lo Chia Luen ... | ... | Nanchang, Kiangsi. |
| 19. | Lo Tao Seng ... | ... | Chinkiang, Kiangsu. |
| 20. | Lu Pao Ru ... | ... | Nanking, Kiangsu. |
| 21. | Ma Ying Ren ... | ... | Nanking, Kiangsu. |
| 22. | Ni Shi Sing ... | ... | Taiping, Anhwei. |
| 23. | Seng Suen ... | ... | Nanking, Kiangsu. |
| 24. | Shen Li Chen ... | ... | Shanghai, Kiangsu. |
| 25. | Suen Loh ... | ... | Wenchow, Chekiang. |
| 26. | Tai Ching Hwa ... | ... | Nanking, Kiangsu. |
| 27. | Tang Wen Ming ... | ... | Nanking, Kiangsu. |
| 28. | Tien Fang ... | ... | Shaohsing, Chekiang. |
| 29. | Ting Teh Chang ... | ... | Tungchow, Kiangsu. |
| 30. | Tsao Sheo Li ... | ... | Nanking, Kiangsu. |
| 31. | Tseo Tsong Meng ... | ... | Shanghai, Kiangsu. |
| 32. | Wang Pei Yuen ... | ... | Ichang, Hupeh. |
| 33. | Wang Tstü Mei ... | ... | Soochow, Kiangsu. |
| 34. | Wei En Shan ... | ... | Chinkiang, Kiangsu. |
| 35. | Wu Ching Ling ... | ... | Chichow, Anhwei. |
| 36. | Yang Shu Kai ... | ... | Nanking, Kiangsu. |

Second Year.

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|-----|----------------------|-----|-----------------------|
| 1. | Cha Kwei Suen ... | ... | Wuhu, Anhwei. |
| 2. | Chang Tao ... | ... | Nanking, Kiangsu. |
| 3. | Chao Ren Hwa ... | ... | Yuenchow, Anhwei. |
| 4. | Chen Chi Shan ... | ... | Nanking, Kiangsu. |
| 5. | Chen Hsing Chang ... | ... | " " |
| 6. | Chen Hsioh Yee ... | ... | " " |
| 7. | Chen Pin Chuen ... | ... | Shaohsing, Chekiang. |
| 8. | Chen Shan ... | ... | Chiangshan, Chekiang. |
| 9. | Chen Tseh Hwa ... | ... | Shanghai, Kiangsu. |
| 10. | Chiang Chia Chu ... | ... | Nankiang, " |

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|-----|----------------------|-----|---------------------|
| 11. | Chiu Yüing Ming ... | ... | Chinkiang, Kiangsu. |
| 12. | Feng Hsüing ... | ... | Nanking, Kiangsu. |
| 13. | Hsing I Chu ... | ... | " " |
| 14. | Hsu Shi Seng ... | ... | Shanghai, Kiangsu. |
| 15. | Hsu Tseh ... | ... | Wenchow, Chekiang. |
| 16. | Hsueh Wen Sih ... | ... | Szechwan. |
| 17. | Hu Kwai Hsüing ... | ... | Fengyang, Anhwei. |
| 18. | Hung Sing Meo ... | ... | Nanking, Kiangsu. |
| 19. | Ku Chen Kuen ... | ... | Shanghai, Kiangsu. |
| 20. | Liu Ching Shen ... | ... | Chinkiang, Kiangsu. |
| 21. | Liu Ren Chieh ... | ... | Nanking, Kiangsu. |
| 22. | Liu Siao Kuen ... | ... | " " |
| 23. | Liu Tsong Ben ... | ... | Loansien, Anhwei. |
| 24. | Sie Chen ... | ... | Nanking, Kiangsu. |
| 25. | Tai Peng Ching ... | ... | " " |
| 26. | Tu Sing Hwa ... | ... | Yangchow, Kiangsu. |
| 27. | Tung Kwan Mei ... | ... | Anking, Anhwei. |
| 28. | Wang Hai Yüing ... | ... | Taichow, Kiangsu. |
| 29. | Wang Sung Tao ... | ... | Wuhu, Anhwei. |
| 30. | Wen Chen Lien ... | ... | Ningpo, Chekiang. |
| 31. | Wu Tung Loh ... | ... | Chicheo, Anhwei. |
| 32. | Wu Wen An ... | ... | Canton, Kwangtung. |
| 33. | Yang Wang Hsüing ... | ... | Linggwehfu, Anhwei. |
| 34. | Yu Ling Hwai ... | ... | Shanghai, Kiangsu. |
| 35. | Yu Tsong Li ... | ... | Laian, Anhwei. |

Third Year.

- | | | | |
|-----|---------------------|-----|---------------------|
| 1. | Chang Li Chao ... | ... | Linggwehfu, Anhwei. |
| 2. | Chen An Chi ... | ... | Fukien. |
| 3. | Chen Chen Hsien ... | ... | Nanking, Kiangsu. |
| 4. | Cheo Shiao Chen ... | ... | Luchow, Anhwei. |
| 5. | Feng Wu Yüing ... | ... | Soochow, Kiangsu. |
| 6. | Ho Sing Tao ... | ... | Honolulu, H. I. |
| 7. | Li Kweh Tong ... | ... | Nanking, Kiangsu. |
| 8. | Li Yuen Tao ... | ... | Ichang, Hupeh. |
| 9. | Liu An Ping ... | ... | Nanking, Kiangsu. |
| 10. | Lo Liang Chu ... | ... | Shanghai, Kiangsu. |
| 11. | Nen Pao Seng ... | ... | Nanking, Kiangsu. |

- | | | | | |
|-----|-----------------|-----|-----|-------------------|
| 12. | Tsai Meo Seng | ... | ... | Honolulu, H. I. |
| 13. | Wang Ching Kung | ... | ... | Nanking, Kiangsu. |
| 14. | Yao Kweh Liang | ... | ... | " " |
| 15. | Yu Tun Ho... | ... | ... | Laian, Anhwei. |

Fourth Year.

- | | | | | |
|-----|--------------------|-----|-----|---------------------|
| 1. | Chang Fang | ... | ... | Nanking, Kiangsu. |
| 2. | Chang Kweh Chen | ... | ... | " " |
| 3. | Chang Shen Tao | ... | ... | Luhoh, Anhwei. |
| 4. | Chen Ching Cheo | ... | ... | Nanking, Kiangsu. |
| 5. | Chen I Tsu | ... | ... | Chinkiang, Kiangsu. |
| 6. | Cheo Shui Chang | ... | ... | Nanking, " |
| 7. | Chiang Hung Chi | ... | ... | Hwangchow, Kiangsi. |
| 8. | Chu Teh Fang | ... | ... | Nanking, Kiangsu. |
| 9. | Chu Tiao Suen | ... | ... | " " |
| 10. | Feng Pau Wen | ... | ... | Ichang, Hupeh. |
| 11. | Hwang Ren Chieh... | ... | ... | Szechwan. |
| 12. | Hwang Tsang Yee... | ... | ... | Yuenchow, Anhwei. |
| 13. | Hu Hung Chuen | ... | ... | Nanking, Kiangsu. |
| 14. | Kao Luen Ching | ... | ... | " " |
| 15. | Lan Pao Liu | ... | ... | Yangchow, Kiangsu. |
| 16. | Li Ching Ling | ... | ... | Hochow, Anhwei. |
| 17. | Li Hung Teh | ... | ... | Nanking, Kiangsu. |
| 18. | Tai Yu Tsz... | ... | ... | Yangchow, Kiangsu. |
| 19. | Tang Shao Chuing | ... | ... | Nanking, Kiangsu. |
| 20. | Tsiu Yu Chen | ... | ... | Yuenchow, Anhwei. |
| 21. | Tsu Shao Wen | ... | ... | Hwangmei, Kiangsi. |
| 22. | Tung Chi Hsioh | ... | ... | Linggwehfu, Anhwei. |
| 23. | Wang Hsi Han | ... | ... | Nanking, Kiangsu. |
| 24. | Wang Wen Tien | ... | ... | " " |
| 25. | Wu Shao Tseh | ... | ... | " " |
| 26. | Yeh Tien Tsz | ... | ... | Chichow, Anhwei. |

Special.

- | | | | | |
|----|-----------------|-----|-----|--------------------|
| 1. | Hung Si Wen | ... | ... | Shanghai, Kiangsu. |
| 2. | Hyun Chang Woon | ... | ... | Seoul, Korea. |
| 3. | Pak Tuk Sang | ... | ... | " " |
| 4. | Soh Pyeng Ho | ... | ... | Sorai, " |

MIDDLE SCHOOL.

First Semester, 1914-5.

First Year.

- | | | | | |
|-----|------------------|-----|-----|-------------------------|
| 1. | Chang Chuing Sen | ... | ... | Dzanyang, Hupeh. |
| 2. | Chen Lung Ching | ... | ... | Nanking, Kiangsu. |
| 3. | Ding Yeng | ... | ... | Chinkiang, " |
| 4. | Hung Sui Kuen | ... | ... | Nanking, Kiangsu. |
| 5. | Kung Chen Hsuei | ... | ... | Ichen, Kiangsu. |
| 6. | Ma Tzi Ti | ... | ... | Japan. |
| 7. | Men Lein | ... | ... | Szechow, Anhwei. |
| 8. | Moy Dup Sun | ... | ... | San Francisco, U. S. A. |
| 9. | Wang Tsai Kung | ... | ... | Nanking, Kiangsu. |
| 10. | Wang Tsai Liang | ... | ... | Nanking, Kiangsu. |
| 11. | Wang Tsü Ruen | ... | ... | " " |
| 12. | Wu Ching Chen | ... | ... | Chinkiang, Kiangsu. |
| 13. | Yu Pei Hung | ... | ... | " " |

Second Year.

- | | | | | |
|-----|------------------|-----|-----|---------------------|
| 1. | Chang Deh Tsuing | ... | ... | Tsongyang, Hupeh. |
| 2. | Chang Ping... | ... | ... | Nanking, Kiangsu. |
| 3. | Chen Chang | ... | ... | Kiangtu, Kiangsu. |
| 4. | Chen Hwa Sin | ... | ... | Shanyuen, Kiangsu. |
| 5. | Chen Yu Hwa | ... | ... | Ningpo, Chekiang. |
| 6. | Chien Ming Sen | ... | ... | " " |
| 7. | Ding Lu Hsien | ... | ... | Chinkiang, Kiangsu. |
| 8. | Ding Meng Hsien | ... | ... | " " |
| 9. | Djou Shiu Fan | ... | ... | Nanking, Kiangsu. |
| 10. | Djwang Gi Tsiang | ... | ... | " " |
| 11. | Dzao Dji Loh | ... | ... | Yochow, Hunan. |
| 12. | Fang Chi Chang | ... | ... | Chouhsien, Anhwei. |
| 13. | Fang Djao Chi | ... | ... | Shiehhsien, Anhwei. |
| 14. | Gin Yueh | ... | ... | Nanking, Kiangsu. |
| 15. | Ging Dz Fang | ... | ... | Wuchen, Chekiang. |
| 16. | Gwoh Sui Ren | ... | ... | Guyung, Kiangsu. |
| 17. | Ho Bin Li | ... | ... | Shanyuen, Kiangsu. |

18.	Hsiang Dz I	...	...	Anching, Anhwei.
19.	Hsü Shan Chang	...	...	Yangchow, Kiangsu.
20.	Hu Ching Chen	...	...	Chinkiang, Kiangsu.
21.	Hu Kai	...	...	Nanchang, Kiangsi.
22.	Hwang Gia Tsu	...	...	Tsongren, Kiangsi.
23.	Keng Shoh Sen	...	...	Luho, Kiangsu.
24.	Kung Djao Pei	...	...	Nanking, Kiangsu.
25.	Kwang Yung Yao	...	...	Sinhsien, Kwantung.
26.	Kwoh Dju Hwei	...	...	Nanking, Kiangsu.
27.	Kwoh Dzu Mao	...	...	" "
28.	Li Gin Hsiang	...	...	Laian, Anhwei.
29.	Li Kwoh Biao	...	...	Nanking, Kiangsu.
30.	Liu Deh Shen	...	...	Hochow, Anhwei.
31.	Liu Djung Wei	...	...	Paoying, Kiangsu.
32.	Liu Gin Bang	...	...	Nanking, Kiangsu.
33.	Mei Dzieh Pei	...	...	San Francisco, U.S.A.
34.	Nan Kung Li	...	...	Wuping, Fuchien.
35.	Puh Gwang Di	...	...	Nanking, Kiangsu.
36.	Shen Chang Tsao	...	...	Wuhsien, Kiangsu.
37.	Shen Dz Chang	...	...	Shanghai, Kiangsu.
38.	Shen En Yung	...	...	Yangchow, Kiangsu.
39.	Sie Dao I	...	...	Tsaihsichen, Anhwei.
40.	Sung Shi Ling	...	...	Hanhsien, Chekiang.
41.	Tsai Gia Deh	...	...	Kwangtze, Hupeh.
42.	Tsu Chia Chi	...	...	Nanking, Kiangsu.
43.	Tsü Gia Gi...	...	...	" "
44.	Wan Deh Fang	...	...	Funchen, Kiangsi.
45.	Wang Ai Tang	...	...	Suielin, Kiangsu.
46.	Wang Chang Fu	...	...	Chinkiang, Kiangsu.
47.	Wang Deh Ping	...	...	Nanking, "
48.	Wang Gin Chi	...	...	Chouhsien, Chekiang.
49.	Wang Sui Dzoh	...	...	Nanking, Kiangsu.
50.	Wen Chi Sen	...	...	Paoying, Kiangsu.
51.	Wu Chen Cheh	...	...	Shiehhsien, Anhwei.
52.	Wu Chen Chi	...	...	Shiehhsien, Anhwei.
53.	Wu Ying Hwai	...	...	Nanking, Kiangsu.
54.	Yang Deh Ching	...	...	Kaoyu, Kiangsu.
55.	Yang Shou Yen	...	...	Hsuchow, Kiangsu.

56.	Yeh Djao Hwang	...	...	Luho, Kiangsu.
57.	Yen Gin Djao	...	...	Sutsien, Anhwei.
58.	Yu Djao Dung	...	...	Nanking, Kiangsu.

Third Year.

1.	Chen Deh Hsü	...	...	Nanking, Kiangsu.
2.	Chen Hung Chin	...	...	Ningpo, Chekiang.
3.	Di Ging Chah	...	...	Chinkiang, Kiangsu.
4.	Ding Yü Kao	...	...	" "
5.	Djang Yuen Chioh...	...	...	Chuchow, Anhwei.
6.	Djang Yuen Gwan...	...	...	" "
7.	Djao Shao Ding	...	...	Chinkiang, Kiangsu.
8.	Djou I Nan	...	...	" "
9.	Dju Tsieh Yuen	...	...	Nanking, Kiangsu.
10.	Djwang Gi Hsi	...	...	" "
11.	Dzeh Chi Sen	...	...	Chingchuen, Anhwei.
12.	Fang Chen	...	...	Pukow, Kiangsu.
13.	Feng Sih Kang	...	...	Shanghai, "
14.	Gia Chen Chwen	...	...	Kaoyu, "
15.	Giang Ben Gung	...	...	Tsismoh, Shantung.
16.	Gin Hsiao Hwei	...	...	Nanking, Kiangsu.
17.	Ging Wen Liang	...	...	Pukow, "
18.	Hsia Ren Chai	...	...	Shanghai, "
19.	Hwang Gieh	...	...	" "
20.	Hwang Puh Hwan	...	...	Shiangshou, Kwantung.
21.	Kao En Pei...	...	...	Nanking, Kiangsu.
22.	Ko Hsiang Fung	...	...	Chichow, Anhwei.
23.	Kwoh Dzu Yu	...	...	Nanking, Kiangsu.
24.	Li Hwa Nau	...	...	Laiyang, Shantung.
25.	Liu Sung Djen	...	...	Luho, Kiangsu.
26.	Lu Djih Wen	...	...	Nanking, Kiangsu.
27.	Luh Chang Lung	...	...	" "
28.	Ni Shen Dzu	...	...	" "
29.	Rwan Yuen Fuh	...	...	Shanghai, Kiangsu.
30.	Sie Gin Tsu	...	...	Anking, Anhwei.
31.	Swen Nai Tsao	...	...	Linghu, Chekiang.
32.	Tsao Shan Dao	...	...	Anchin, Shantung.
33.	Tung Deh Fu	...	...	Nanking, Kiangsu.

34.	Wang Chwen I	...	Luho, Kiangsu.
35.	Wang Chwen Yung	...	Nanking, Kiangsu.
36.	Wang Dzo Cheo	...	Chuyung, "
37.	Wang Dzung Giah...	...	Luho, Kiangsu.
38.	Wang Dzung Gien	...	" "
39.	Wang Dzung Hsi	...	" "
40.	Wang Hsueh Ting...	...	Nanking, Kiangsu.
41.	Yao Yung Liu	...	" "

Fourth Year.

1.	Chang Chi	...	Nanking, Kiangsu.
2.	Chang Pi San	...	Liangwan, Burma.
3.	Chang Tsu Feng	...	Nanking, Kiangsu.
4.	Chen Hsiao Hsu	...	" "
5.	Cheo Po Ho	...	Hwangmei, Hupeh.
6.	Chiang Beng Kung	...	Tsilimoh, Shantung.
7.	Choh Djing Chih	...	Shiangshan, Kwangtung.
8.	Chu Lien Yü	...	Nanking, Kiangsu.
9.	Han Chuen Tao	...	Huchow, Anhwei.
10.	Kiang Shiu Fang	...	Tungchow, Kiangsu.
11.	Lao Yuen Pei	...	
12.	Leo Si Hwai	...	Pukow, Kiangsu.
13.	Li Tai Sung	...	Nanking, Kiangsu.
14.	Li Yao Fu	...	Lochow, Szechwan.
15.	Liao Wen Ping	...	Giaying, Kwangtung.
16.	Liu Djen Yü	...	Chinkiang, Kiangsu.
17.	Lo Tsing Lien	...	Nanking, Kiangsu.
18.	Mao Deh En	...	" "
19.	Su Chen Yeh	...	Shanghai, "
20.	Tong Sau Tsai	...	Chachwang, Hupeh.
21.	Tsiang Kia Shuen...	...	Nanking, Kiangsu.
22.	Tsu Ling Yu	...	" "
23.	Tuan Chin Lu	...	" "
24.	Wang Chen Lung	...	Chichow, Anhwei.
25.	Wu Shoh Ren	...	Nanking, Kiangsu.
26.	Yuen Yun Kwang...	...	Taihi, Anhwei.

TOTAL REGISTRATION.

First Semester, 1914-5.

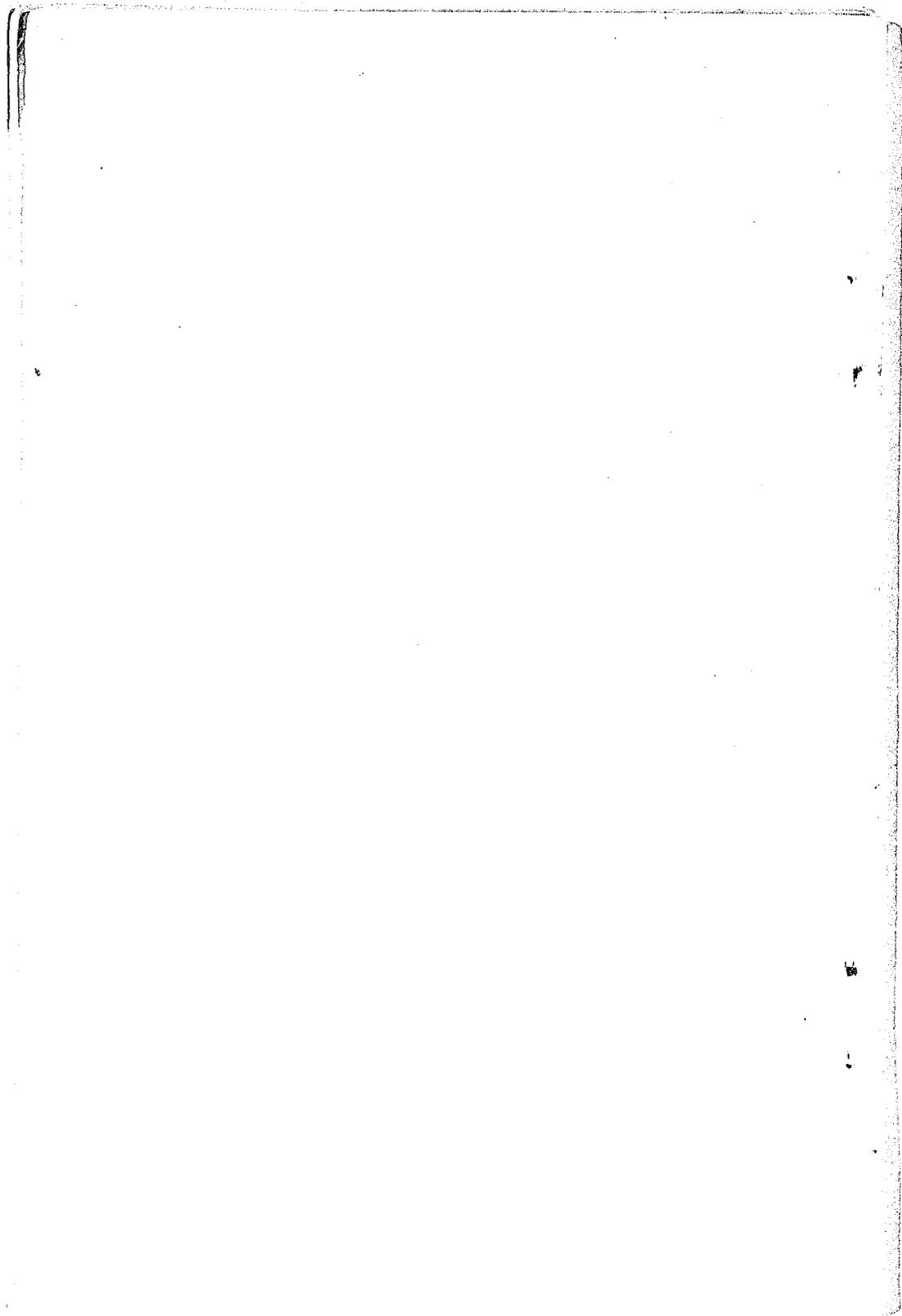
College students	...	...	41
Medical School students	...	...	42
Agricultural students	...	...	14
Normal School students	...	...	33
Practice School students	...	...	80
Language School students...	...	...	43
High School students	116
Middle School students	138
Total number of students	507

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THE UNIVERSITY OF NANKING CAMPUS SONG

1. 'NEATH THE STORIED PURPLE MOUNTAIN, WITH ITS CHANGEFUL HUE,
STANDS OUR CHERISHED ALMA MATER, STURDY, YOUNG AND TRUE.

CHORUS

RAISE THE CHORUS, SPEED IT ONWARD,
LOUD HER PRAISES RING;
HERE'S TO THEE, OUR ALMA MATER,
HAIL, ALL HAIL, NANKING!

2. CLUSTERED IN THIS ANCIENT CITY, GIRT WITH AGE-FLECKED WALLS,
SHRINED WITHIN OUR LOYAL BOSOMS, STAND OUR COLLEGE HALLS.

CHORUS

3. LOUDLY CLASHED THE DRUM TOWER WARNING, IN THE DAYS OF OLD;
SOFTLY NOW CALLS ALMA MATER, SUMMONS TO HER FOLD.

CHORUS

4. GATHERED ON THE SPREADING CAMPUS, HOME OF COLLEGE DAYS,
OLD AND YOUNG WE WOULD TOGETHER, LIFT OUR SONG OF PRAISE.

CHORUS

Vol. II.

No. 1.

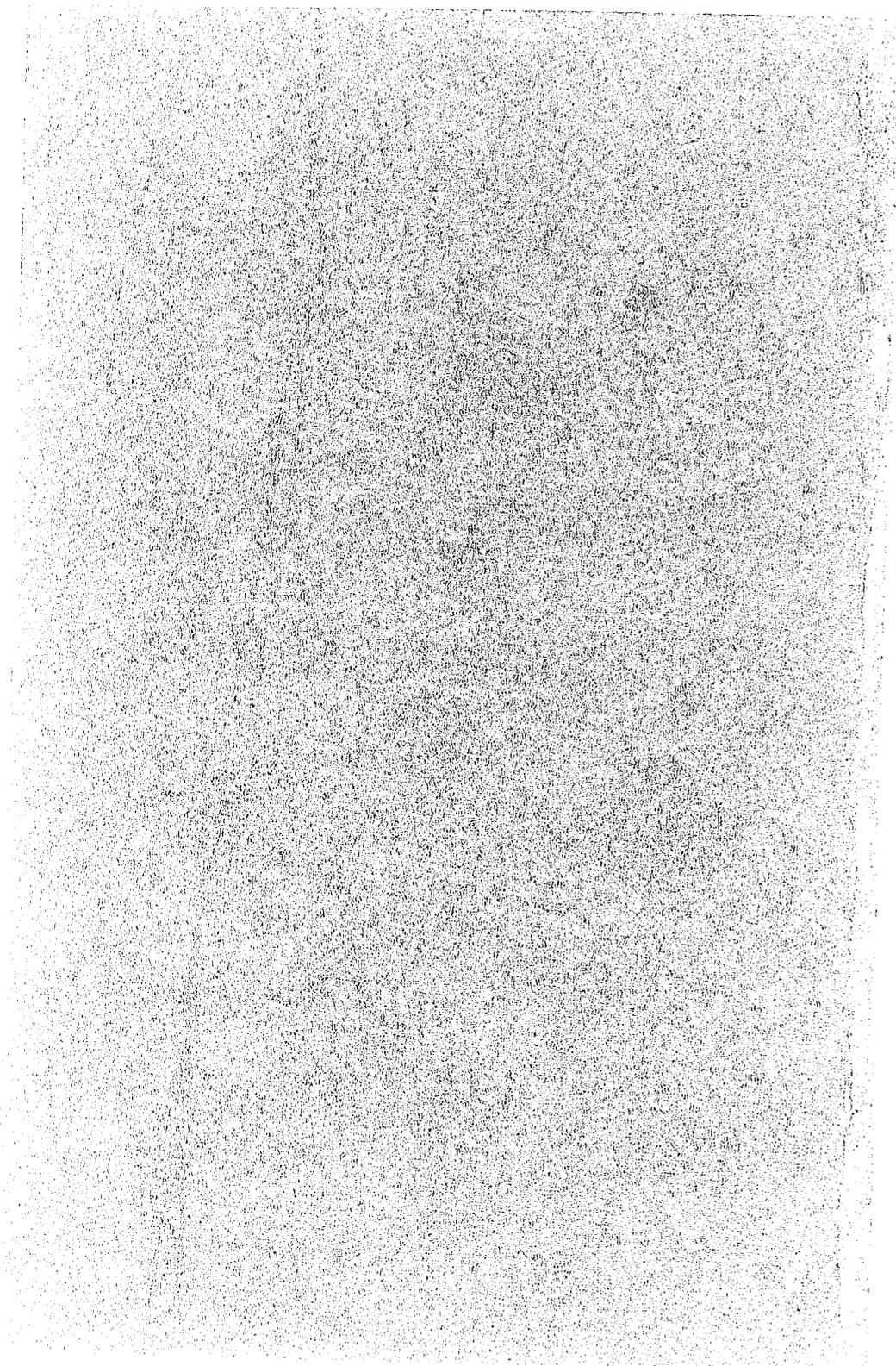
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BULLETIN

1915-1916

CATALOGUE NUMBER

PRESBYTERIAN MISSION PRESS



Vol. II.

No. 1.

THE
UNIVERSITY OF NANKING
BULLETIN

1915-1916

CATALOGUE NUMBER



SHANGHAI:

Printed at the American Presbyterian Mission Press

1916

CALENDAR.

1915.

Autumn Semester—Twenty weeks.

Entrance examinations and registration	September 6, 7.
Class work began	September 8.
Holidays:	
Eighth Moon Festival	September 23.
Birthday of Confucius	October 6.
Anniversary of Republic	October 9.
Field Day	November 6.
Christmas	December 24, 25.
New Year's Day	January 1, 1916.
Final examinations	January 15-21.
Semester closes	January 22.

1916.

Spring Semester—Nineteen weeks.

Entrance examinations and registration	February 11, 12.
Class work begins	February 14.
Holidays:	
Tsing Ming	April 5.
Field Day	
Dragon Festival	June 5.
Final examinations	June 12-16.
Class Day	June 17.
Baccalaureate Sunday	June 18.
Commencement	June 19.

Autumn Semester—Nineteen weeks.

Entrance examinations and registration	September 6, 7.
Class work begins	September 8.
Holidays:	
Birthday of Confucius	September 24.
National Celebration Day	October 10.
Field Day	(about) November 4.
Christmas	December 25, 26.
New Year's Day	January 1, 1917.
Final examinations	January 11-17.
Semester closes	January 18.

1917.

Spring Semester—Twenty weeks.

Entrance examinations and registration	January 30, 31.
Class work begins	February 1.
Holidays:	
Tsing Ming	April 23.
Field Day	
Final examinations	June 11-15.
Class Day	June 16.
Baccalaureate Sunday	June 17.
Commencement	June 18.

For Calendar of Language School, see page 76.

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CHENGTING T. WANG		
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Principal of the Middle School.
History and Political Science.

SHEN KIA IU.
Practice School, Grade Teacher.

RANDOLPH TUCKER SHIELDS, B.A., M.D.
Dean of the Medical Faculty.
Anatomy.

THOMAS DWIGHT SLOAN, M.D.
Clinical Medicine.

ALEXANDER GLOVER SMALL, M.E.
Construction Engineer.

TAI PEN SHAN.
Superintendent of the Practice School.
Critic Teacher.

MISS EDNA GRACE TAYLOR, Ph. B.
English.

TSAO KUEN HUA, B.A.
Proctor of the Middle School.
Mathematics.

YING-HSUAN HSUWEN TSOU, M.S.
Biology, Botany, Entomology.

Tsü TSEH LING, B.A.
Chinese History and Literature.

MISS ELIZABETH WALKER.
Office Secretary, Medical School.

WANG HANG.
Practice School, Grade Teacher.

WANG SIU GIH, B.A.
Chinese, Mathematics, and Religious Instruction.

WANG TING.
Practice School, Grade Teacher.

† WANG TUNG PEI, M.A. (Chinese)
Tso Chuan and Chinese Literature.

WANG YAO TING, B.A. (Chinese)
Mandarin Language.

MISS FLORENCE M. WARNER.
Nurse, University Hospital.

* WILBUR FISK WILSON, B.A.
Principal of the High School.
English.

MISS ADELAIDE MAY WIXON.
Acting Principal of the High School.
English.

WREN CHING TSIANG, B.A.
Religious Instruction and Tso Chuan.

WU PEH KUEI, B.A.
English.

WU SHEO TAO, B.A.
Religious Instruction and English.

WU TSAI TZI.
Chinese Composition.

WU YA PEH, B.A. (Chinese)
Chinese, Science, Mathematics.

YÜ PU AN, M.A. (Chinese)
Chinese Language and Literature.

* On furlough. † Autumn semester.

UNIVERSITY OF THE STATE OF NEW YORK.

Charter of

THE UNIVERSITY OF NANKING.

THIS INSTRUMENT WITNESSETH: That the Regents of the University of the State of New York have granted this charter incorporating Ralph E. Diffendorfer, Eben B. Cobb, Stephen J. Corey, F. Watson Hannan, Louis H. Severance, Alexander McLean, Frank A. Horne, Robert E. Speer, and Joab H. Banton and their associates and successors, under the corporate name of the University of Nanking, to be located in the city of Nanking, in the Province of Kiangsu, in the Empire of China, with nine trustees to be at first the persons named as incorporators to hold in the order of their naming the first three for the year 1911, the second three for the year 1912, and the last three for the year 1913, and their successors to hold for terms of three years, to be chosen three each year—one by Board of Foreign Missions of the Methodist Episcopal Church, one by the Board of Foreign Missions of the Presbyterian Church in the U. S. A., and one by the Foreign Christian Missionary Society.

That other incorporated missionary organizations may, at any time, be affiliated with and made constituent, trustee-electing members of the corporation of the University, by the favoring vote of the managing Boards of all of its then existing such constituent bodies and each such so added constituent body shall be entitled to choose, as its representative, or representatives, to hold for a term of three years, an additional associate member, or members, not exceeding three, as the vote of the affiliation shall provide, on the Board of Trustees of the University, to such representative trustee, or trustees, to hold for a like term.

The University shall have power to acquire by grant, gift, purchase, devise or bequest, and hold and dispose of such real and personal property as the purpose of the corpora-

tion shall require. It may have departments of elementary, secondary, and higher education, and may affiliate with its work other schools giving instruction in either of the said departments, but it shall not have power to confer degrees, except as shall be hereafter authorized or approved by the Regents of the University of the State of New York.

Granted April 19, 1911, by the Regents of the University of the State of New York, executed under their seal, and recorded in their office. Number 2132.

(Seal)
ST. CLAIR MCKELWAY
Vice-Chancellor.

Amended May 2, 1912, by the Regents of the University of the State of New York, executed under their seal, and recorded in their office. Number 2257.

Amended December 12, 1912, by the Regents of the University of the State of New York, executed under their seal, and recorded in their office. Number 2309.

A. S. DRAPER, *Commissioner of Education.*

GENERAL INFORMATION.

Historical Sketch.

The University of Nanking began with the union, effected in February 1910, of the higher educational work in Nanking of the Foreign Christian Mission, the Northern Presbyterian Mission, and the Northern Methodist Mission. Previous to the union, these three missions had been independently conducting schools for about twenty-two years. The institution established in 1910 included a college of liberal arts and a high school and middle school preparing for the college. In April 1911 the University was granted a charter by the Regents of the University of the State of New York.

Since 1910 four departments have been added to the institution and four other missions have become united in parts of the work. These missions are the Southern Methodist, the Southern Presbyterian, and the Southern Baptist in the Medical School, and the Northern Baptist Society in all parts other than the college and college preparatory departments. The four departments which have been added to the University are the School of Normal Training, the Department of Missionary Training, the Medical School, and the College of Agriculture and Forestry.

The School of Normal Training was opened in September 1912. This now includes not only the normal classes but also a primary or practice school and work in industrial training.

The Department of Missionary Training or Language School was started in the University in October 1912. It was the outgrowth of a temporary Language School which had been conducted in Shanghai by twenty-seven different societies represented in that city during the Revolution of 1911.

The Medical School formally became a department of the University in January 1914. It had been organized in 1910 by seven missions as "The East China Union Medical School"; had been located in Nanking; and, in 1912, had become affiliated with the University.

The College of Agriculture and Forestry is a combination of the Agricultural Department, which opened in the autumn of 1914, and the Forestry School, which opened in the spring of 1915. This combined department is a development from famine relief work undertaken in 1911 by Professor Joseph Bailie of the University. It has received official sanction and support from the Department of Agriculture and Commerce in Peking, and from the Governors of the Provinces of Kiangsu, Anhwei, Shantung, Szechwan, and Kweichow.

The University at present has, therefore, seven departments, as follows:

1. The College.
2. The Medical School.
3. The School of Normal Training.
4. The College of Agriculture and Forestry.
5. The Department of Missionary Training.
6. The High School.
7. The Middle School.

Organization.

The property of the University of Nanking is held by a Board of Trustees in the United States, appointed by the Foreign Mission Boards represented in the union: three for those co-operating in all the work of the institution; two by the Baptist Board, which co-operates only in the advanced work; and one by the three other bodies co-operating in the Medical School only. The property originally held by the foreign missionary societies has been transferred to this Board of Trustees.

On the field, each mission appoints three representatives to act as a Board of Managers to represent the Board of Trustees and to give more immediate supervision and direction to the affairs of the University. Six representative Chinese leaders are at present members of this Board of Managers.

Grounds and Buildings.

The University now owns, approximately, seventy-five acres of land, extending from the former Nanking University compound to the former Christian College near the Drum Tower.

For the time being, the work of the High School, of the College, and of the Department of Missionary Training, and most of the work of the Medical School and of the College of Agriculture and Forestry, are carried on at the former Nanking University centre. The School of Normal Training and the Practice School are conducted in a spacious building in a separate compound of about eight acres, a short distance to the north. The Middle School and the University Hospital are still nearer the Drum Tower. A new group of college and university buildings is being erected west of the Drum Tower. When these are completed, the college, medical, and agricultural and forestry students will be moved to them. The present Middle School buildings and property, which adjoin the Hospital, will be used by the Medical School.

The University owns five buildings devoted to class rooms and laboratories; three dormitories; a chapel; a hospital, with a modern operating pavilion attached; and seventeen residences for the foreign faculty and eight for part of the Chinese faculty.

The Museum.

The museum occupies two rooms on the third floor of the Science Hall, the two rooms giving a floor space of about twenty-four by seventy feet. The general collection contains

nearly two thousand specimens, including material for class room work with students, material for investigators, and exhibits for the public. Notable among the specimens are Professor Millward's series of Silurian and carboniferous fossils of China, collections of corals, shells, mounted birds, ferns, and woods, and a loan collection of Chinese Bibles and scripture portions.

The University Library.

The University Library occupies the second floor of Cooper Hall. It contains 3,190 Chinese books, 5,484 foreign books, 3,162 foreign pamphlets, and several thousand unbound numbers of periodicals. The Library is open regularly from 8:20 to 12:20, from 1:20 to 6:00, and from 7:00 to 9:00; on Saturday afternoons, however, it is open only from 2:00 to 4:00. On Sundays the reading room is open from 2:00 to 4:00 in the afternoon. During vacations the Library is regularly open every week day from 9 to 12 and from 2 to 5, but is not open on Sundays.

Admission to the Library is granted to all persons who have been properly recommended. Each person who desires to borrow books must first sign an agreement to abide by the regulations of the Library and to be personally responsible for all books borrowed.

All books and periodicals, with the exception of reserved books, reference books, and current periodicals, will be loaned for a period of one month. If, however, a book or periodical which has been loaned is wanted by another person or is needed for use in the Library, the librarians reserve the right to recall it from the original borrower after one week has elapsed. Books not in demand may be renewed at the expiration of the month. Reserved books, reference books, and current periodicals may be used in the reading room only.

No student of the University, except members of the Department of Missionary Training, will ordinarily be per-

mitted to borrow for use out of the Library more than one book or periodical at a time. All books borrowed by students must be returned on the day before the last day of each semester. Books will be loaned to students for vacation use only on special recommendation by an Instructor.

In the same building is maintained a subscription periodical room under the management of a committee of Chinese and foreigners. The annual subscription fee is three dollars Chinese currency or the cost of one periodical acceptable to the committee. This room is open daily, and over forty periodicals are on file.

Literary Societies.

There are student literary societies in five departments of the University. The Middle School has one, and the High School has two, participation in which is compulsory. The College, the Medical School, and the College of Agriculture and Forestry have each at least one literary society, and attendance at these, although not compulsory, is strongly urged. The object of these societies is to provide opportunities for the use of the English language, for practice in public speaking and debate, for discussion of current events, and for becoming familiar with parliamentary law and the conduct of general meetings.

Religious Activities.

All students of good moral character and with an earnest purpose to fit themselves for useful lives will be admitted to the University.

The required religious activities are:—

1. Regular curriculum courses in religious instruction.
2. Sunday morning Bible classes, where students are permitted to choose one from among the ten or twelve courses which are offered.
3. Daily chapel attendance from 8:00 a.m. to 8:20 a.m., except on Sundays.
4. The University service at 10:30, Sunday morning.

The Young Men's Christian Association holds helpful meetings Sunday evenings, attendance upon which is voluntary. In addition to its usual activities, the Association conducts a People's School in a nearby church, for boys and young men who are unable otherwise to obtain opportunities for study. Sixteen University students teach six evenings a week, from seven to nine o'clock, while two others supervise the work. About 120 pupils are in attendance. This form of social service has proved so helpful that the Association is financing two branch schools: one at Hansimen with about forty pupils, having as its teachers some of the theological students; and the other at the Drum Tower, with fifty pupils, taught by our Middle School students. This work of the University Association has so appealed to the gentry and officials of the city that the Chief of Police and the Health Commissioner joined forces with the students on the National Celebration Day in giving gymnastic drills and plays, whereby some \$700 for these People's Schools was raised. At the Middle School and the Normal School, Mr. Dadisman, of the city Young Men's Christian Association, has been active in organizing Boy Scout Bands and leading them in new forms of religious and social service.

Regulations.

GENERAL. The University will not be responsible for cash or other valuables kept in students' rooms. Individual keys are provided for each room.

The dormitories are supplied with electric lights, but any student who breaks a bulb will be required to pay for a new one. Students are not allowed to have kerosene lamps or stoves or to do cooking in their rooms. All students must turn out lights at 11:00 p.m.

Furniture damaged and windows broken in any student's room must be paid for by the occupant before vacating the room.

The institution provides for the mopping of floors, but students are required to dust their rooms and to keep them clean and in order for daily inspection.

Between 4:20 and 6:00 p.m. each day, except Saturday and Sunday, a regular school servant will make necessary purchases for students, provided orders are sent in by 4:00 p.m.

Students will not need to employ private servants, and will not be allowed to do so except on special permission from the President.

Smoking, wine drinking, and gambling in the dormitories are strictly prohibited, and infringement of this rule, if repeated after one warning, will result in suspension. In language, manner of recreation, visiting in rooms of other students, conduct in examinations, attitude toward teachers and the rules of the institution, and all similar matters, students are expected to conduct themselves as gentlemen.

No meals will be served in the dormitories except in cases of illness, when the physician in charge gives special orders.

All students will be given physical and medical examinations near the opening of each term.

In the autumn and winter the bath-room will be open daily, with a servant in attendance, from 4:20 to 6:00 p.m., except on Saturdays when the hours are from 12:30 to 6:00 p.m. In the late spring, the hours are from 4:20 to 7:30.

No general meetings of the student body are allowed nor may societies be organized among the students except by permission of the President.

ABSENCES. Any student who is absent, exclusive of Sundays, twenty days or more during one semester may be excluded from final examinations in such subjects as the faculty may dictate and may be required to repeat the courses in class. No student who is absent thirty or more days, exclusive of Sundays, during one semester will receive any credit for work done during that semester.

Students are held responsible for reporting their own absences from classes and from other meetings at which attendance is compulsory. Such reports should be made to the head of the school in which the student is registered. Any absence not reported within two days after the return of the student will be marked unexcused. For each unexcused absence from class the semester grade given by the teacher will be reduced by the registrar one per cent. For each unexcused absence from other meetings at which attendance is compulsory the semester grade in the class in which the student has the highest average will be reduced one per cent. Any student who is late to chapel will be counted absent and unexcused. Absence from the grounds in violation of the regulations of the school is regarded as a very serious offense and will be dealt with accordingly.

Middle or high school students who live in Nanking are allowed to go home on Saturday afternoons twice a month, but must return by six o'clock. Other students in these departments may be allowed out on one Saturday afternoon a month. Permission to return home will be granted only under exceptional circumstances.

Medical, agricultural, forestry, and college students are allowed out every day from 4:20 to 6:00 p.m. and on Saturday afternoons until 6:00.

EXAMINATIONS. Examinations may be held during the semester in each course at the discretion of the teacher in charge. Teachers are expected to make monthly reports of the grades of all students.

At the close of each semester, final written examinations are held in all courses. Seventy is the passing grade; between sixty and seventy is a condition; below sixty is a failure. Students who fail in any course must repeat the course in class. Conditions must be removed before the course is repeated; otherwise they become failures.

Conditions may be removed without charge by re-examination on the dates set for entrance examinations, or at other times by special examination on payment of the regular fee.

Fees and Expenses.

Following is a schedule of fees in all departments except the Department of Missionary Training. Regular annual fees must be paid in advance in half-yearly instalments at the beginning of each semester. Payment must be made in cash or by voucher signed by the President of the University and by a responsible guarantor. Students withdrawing during the semester will have no fees refunded, but in cases of prolonged and excused illness unused fees may be applied to the dues of the following semester, if agreed to in writing.

Day students pay all regular fees except board and incidentals.

Books, paper, and laundry must be furnished by the student. Books can be purchased at the University Book Store.

Tuition :—	<i>per semester.</i>
College, College of Agriculture and Forestry, High School, or Middle School	\$30*
Medical School	27
School of Normal Training, with English	20
School of Normal Training, without English	10
Board	18
Incidentals (room, light, etc.)... ..	5
Athletic fee	1
Laboratory fees :—	
Chemistry	5
Physics, biology, physical geography, or geology	3
Breakage deposit for chemistry (unused portion returned)	3
Microscope rental for medical students	2.50

* The amounts stated are all in Chinese currency.

	<i>per semester.</i>
Key deposit for dormitory rooms (returned on return of key)	\$1
Uniforms for High and Middle School students (as often as needed)	6
Work uniforms for students in the College of Agriculture and Forestry (estimated)	2.80

Forestry students are required to deposit with the university \$52 for the first year, \$62 for the second year, \$72 for the third year, and \$82 for the fourth year, one-half of such annual deposit being made at the beginning of each semester. These deposits will be applied toward the cost of books, laboratory, field-trips, etc. Students will provide for any additional expense as necessary; if there are unused balances, these will be returned to the students at graduation.

Each student in the College of Agriculture and Forestry must have at least two work uniforms, a pair of leather shoes, an oil-cloth coat with hood, and an oil-cloth in which to carry bedding in rainy weather. The uniforms should be purchased in Nanking.

Former students who fail to register before the day set for the *opening of the semester* will be charged \$2 late fee.

The Regents of the University of New York charge \$5 gold for diploma and \$1 gold for the certificate of the Secretary of State.

The fee for special examinations for the removal of conditions (on dates other than entrance and final examination days) is fifty cents.

Scholarships.

Each co-operating mission is allowed to register a limited number of students in any department without tuition. It is strongly urged that no student whose grade falls below 80 for two successive semesters or below 75 for a single semester be continued on the scholarship list of any mission. It is also urged that no scholarships be granted to students below high

school grade. The University deems it very desirable that missions or individuals conferring scholarships should arrange with the students for the repayment of funds invested in their support.

In the College of Agriculture and Forestry all except the government scholarships are classed as *work* scholarships. These require that the holders work for the value of the scholarships received. It is requested that individuals or societies who desire to establish scholarships or to send scholarship students to the College of Agriculture and Forestry shall write to the Dean before such scholarships are established or such students sent.

Class of 1915 Scholarship.

The Class of 1915 Scholarship, amounting to sixty dollars a year, is given annually by the graduates of the college class of 1915 in appreciation of the benefits of Christian education which they received in the University of Nanking. For the year 1915-1916 the scholarship has been awarded to Djang Fang of the sophomore class in the College.

Prizes.

PRIZES IN ORATORY. An annual oratorical contest, for competition both in Chinese and in English, is held in the spring semester, about the middle of May. This contest is open to students of all departments. Appropriate badges are awarded the winners of first and second places, both in Chinese and in English. The winners in 1915 were, in Chinese, first Hsu Tseh, second Liu Tsung Luh; in English, first Lan Pao Liu, second Tsui Tsiang Chi.

BOWEN PRIZES. The Bowen prizes of \$15 and \$10 respectively, offered by President Bowen, will be given for the best and second best collections of entomological specimens. This competition is open to any student registered in the College of Agriculture and Forestry or in the High School course

preparatory for the College of Agriculture and Forestry. The prizes will be awarded on October 15, 1916, and all collections must be presented to the instructor in charge fifteen days before that date. For detailed information candidates should consult Professor Tsou.

FAY PRIZES. The Fay prizes of \$15 and \$10 respectively, offered by Mr. Harold V. V. Fay, will be given for the best and second best collections of botanical specimens. This competition is open to any student registered in the College of Agriculture and Forestry or in the High School course preparatory for the College of Agriculture and Forestry. The prizes will be awarded on October 15, 1916, and all collections must be presented to the instructor in charge fifteen days before that date. For detailed information candidates should consult Professor Tsou.

WHEELER PRIZES. The Wheeler prizes of \$15 and \$10 respectively, offered by the Rev. W. Reginald Wheeler of Hangchow, will be given for the best and second best collections of seeds of any description, tree, fruit, flower, grasses, farm crops, and weeds. This competition is open to any student registered in the College of Agriculture and Forestry or in the High School course preparatory for the College of Agriculture and Forestry. The prizes will be awarded on December 30, 1916, and all collections must be presented to the instructor in charge fifteen days before that date. For detailed information regarding this competition see Professor Reisner.

THE COLLEGE

FACULTY.

- ARTHUR JOHN BOWEN, B.A., LL.D., President, English Literature.
 JOHN ELIAS WILLIAMS, B.A., D.D., Vice-President, Religious Instruction.
 GUY WALTER SARVIS, M.A., Dean, Sociology and Economics.
 AMASA ARCHIBALD BULLOCK, M.S., Education.
 PAK HOO CHEN, M.A., Mathematics.
 HARRY CLEMONS, M.A., English Language and Literature.
 † CLARENCE HERBERT HAMILTON, Ph.D., Philosophy and Psychology.
 * WILLIAM FREDERICK HUMMEL, Ph.B., Religious Instruction and English.
 ZAUNG TEH ING, M.A., Biology.
 LIU KING SHU, Ph.D., Chinese Philosophy, History, and Literature.
 WILLIAM EDWARD MACKLIN, M.B., M.C.P.S.O., Lecturer on Physiology.
 ARTHUR WESLEY MARTIN, Ph.D., Chemistry and Geology.
 HARVEY CURTIS ROYS, B.S., Physics.
 CHARLES SPURGEON SETTLEMYER, M.A., History and Political Science.
 † WANG TUNG PEI, M.A. (Chinese), Tso Chuan, Chinese, and Chinese History and Literature.

*On furlough. † Autumn semester. ‡ Spring semester.

ADMISSION.

Students who have completed studies equivalent to the course prescribed for the University High School will be admitted to freshman standing in the College. "Equivalent" means that an amount of *time* equal to that given in the University High School must have been spent in laboratory science, mathematics, English, and Chinese, and in additional

subjects equal in amount to the additional subjects in the University High School requirements. Moreover, the equipment and teaching staff in schools in which work has been done will be considered. Students will be assigned to classes without examination, strictly subject to their ability to make satisfactory progress.

Advanced standing is determined on the same general basis as admission.

In all cases students must present satisfactory evidence as to scholarship, character, and the amount of work done; this evidence must come from the authorities of the school in which the courses submitted for credit have been taken. No applicant will be registered as a regular college student who is deficient in more than ten credits.

FEES.

See page 19.

GRADUATION.

One hundred and fifty credits are required for graduation. A credit consists of one fifty-five minute recitation period or one double laboratory period per week during one semester. Graduates are recommended to the Regents of the University of the State of New York, who grant the usual Bachelor degrees.

COURSES OF STUDY.

The courses in the college are divided into three groups, and each student is required to elect one group at the beginning of his sophomore year. Substitution of courses in one group for those of another may be made with the consent of the heads of the departments involved. The faculty reserves the right to omit any elective course unless at least five students choose that course. Students electing Group II or Group III must have certificates from the head of the Chinese

department that their Chinese is satisfactory. Otherwise, extra work in Chinese will be required.

The following schedule is intended to be a norm rather than an absolute standard. At the discretion of the heads of departments, other courses in their departments may be substituted for those designated in the schedule. Some such additional courses are found under "Description of Courses" below.

GROUP I. LANGUAGE.

FRESHMAN YEAR.

<i>Autumn Semester.</i>				<i>Spring Semester.</i>			
			Hours				Hours
Chinese I	...	...	5	Chinese II and III	...	...	5
English I	...	...	5	English I and II, each	...	...	5
Mathematics I	...	...	5	Chemistry I	...	...	5
Religious Instruction I	...	...	5	History I	...	...	5

SOPHOMORE YEAR.

Chinese IV	...	...	5	Chinese V	...	...	5
English III	...	...	5	English IV	...	...	5
History II	...	...	5	Political Science I	...	...	5
Sociology I	...	...	5	Religious Instruction II	...	...	5

JUNIOR YEAR.

Chinese VI	...	...	5	Physiology I	...	...	5
English V	...	...	5	English VI	...	...	5
Psychology I	...	...	5	Psychology II	...	...	5
Religious Instruction III	...	...	5	Philosophy I	...	...	5

SENIOR YEAR.

Economics I	...	...	5	Chinese VII	...	...	5
English VII or IX	...	...	5	Education I or II, or English VIII or X...	...	...	5
Philosophy II or IV	...	...	5	Religious Instruction IV	...	...	5
			<hr/>				<hr/>
			75				75

GROUP II. SOCIAL SCIENCE.

FRESHMAN YEAR.

Same as Group I	...	Hours	...	20	Same as Group I	...	Hours	...	20
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SOPHOMORE YEAR.

Economics I	5	Political Science I	5
English III	5	English IV	5
History II	...	...	...	5	History III	...	...	...	5
Sociology I	...	...	...	5	Religious Instruction II	...	...	...	5

JUNIOR YEAR.

History IV	...	...	...	5	Economics II	...	...	...	5
Political Science II	...	...	...	5	Sociology II	...	...	...	5
Psychology I	...	...	...	5	Physiology I	...	...	...	5
Religious Instruction III	...	...	...	5	Philosophy I	...	...	...	5

SENIOR YEAR.

Biology I	...	...	...	5	Education I or II	...	...	...	5
Philosophy II	...	...	...	5	Philosophy III or IV or Psychology II	...	...	...	5
Sociology III	...	...	...	5	Religious Instruction IV	...	...	...	5
				75					75

GROUP III. SCIENCE AND MATHEMATICS.

FRESHMAN YEAR.

Same as Group I	20	Same as Group I	20
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SOPHOMORE YEAR.

Chemistry II	5	Chemistry III	5
English III	5	English IV	5
Mathematics II	5	Political Science I	5
Biology I	...	...	...	5	Religious Instruction II	...	...	...	5

JUNIOR YEAR.

Chemistry IV or V	...	...	...	5	Chemistry VI or VII	...	...	...	5
Economics I	...	...	...	5	Geology I	...	...	...	5
Mathematics III	...	...	...	5	Physics I	...	...	...	5
Religious Instruction III	...	...	...	5	Physiology I	...	...	...	5

SENIOR YEAR.

Chemistry VIII	...	...	...	5	Chemistry IX	...	...	...	5
Physics II	...	...	...	5	Physics II (or elective)	...	...	...	5
Psychology I	...	...	...	5	Religious Instruction IV	...	...	...	5
				75					75

DESCRIPTION OF COURSES.

Biology.

BIOLOGY I. This course deals with the fundamental principles of Biology. A text-book is used as a basis and is supplemented by discussions, lectures, and library reading on various biological subjects, such as the theories of evolution, the laws of heredity, and so forth. The laboratory work includes the study of the structures, activities, and life history of a selected number of type animals and plants.

Sophomore year (Group III), senior year (Group II), autumn semester, five hours weekly. Laboratory fee three dollars.

Chemistry.

CHEMISTRY I. *Advanced General Chemistry.* The text-book is Alexander Smith's "Chemistry for Colleges," or equivalent. This course deals with the chemistry of non-metallic elements.

Freshman year, spring semester, five hours weekly (two lectures and three double laboratory periods). Required of all freshmen.

Fees:—Laboratory fee, \$5; breakage deposit, \$3.

CHEMISTRY II. *Advanced General Chemistry.* This is a continuation of Chemistry I and treats of the chemistry of the metallic elements.

Sophomore year, autumn semester, five hours weekly (two lectures and three double laboratory periods). Required of scientific, agricultural, and forestry students.

Fees:—The same as for Chemistry I.

CHEMISTRY III. *Qualitative Analysis.* The text-book is Stieglitz's "Qualitative Analysis" or equivalent.

Sophomore year, spring semester, five hours weekly (two lectures and six laboratory periods). Prerequisite, Chemistry I.

Fees :—The same as for Chemistry I.

CHEMISTRY IV. *Quantitative Analysis*. Talbot's "Quantitative Chemical Analysis" is the text-book.

Junior year, autumn semester, five hours weekly (one lecture and eight laboratory periods). Prerequisite, Chemistry II.

Fees :—The same as for Chemistry I.

CHEMISTRY V. *Organic Chemistry*. This treats of the chemistry of the aliphatic compounds. A text-book, N. A. Noyes or equivalent, is used, with lectures.

Junior year, autumn semester, five hours weekly (three lectures and four laboratory periods). Prerequisite, Chemistry II. (Not given in 1915-16.)

Fees :—The same as for Chemistry I.

CHEMISTRY VI. *Organic Chemistry*. This course completes the subject of Organic Chemistry, the chemistry of the aromatic compounds being the special topic investigated.

Junior year, spring semester, five hours weekly. (Not given in 1915-16.)

Fees :—The same as for Chemistry I.

CHEMISTRY VII. *Physical Chemistry*. The text-book is Bigelow's "Physical Chemistry," or its equivalent.

Junior year, spring semester, five hours weekly (three lectures and four laboratory periods). Prerequisite, Chemistry III. (Not given in 1915-16.)

Fees :—The same as for Chemistry I.

CHEMISTRY VIII. *Manufacturing Processes*. Biltz and other texts are used.

Senior year, autumn semester, five hours weekly (one lecture and eight laboratory periods). Prerequisite, Chemistry VI. (Not given in 1915-16.)

Fees :—The same as for Chemistry I.

CHEMISTRY IX. *Chemical Problems* are investigated under the direction of the instructor.

Senior year, spring semester, five hours weekly. (Not given in 1915-16.)

Fees :—The same as for Chemistry I.

Chinese.

It is the purpose of the Department of Chinese to present the subject-matter in the following courses in such a way as to afford the student a basis for control in the social activities of life in which he will engage, and to put him into possession of the knowledge and technique which, in addition to his knowledge of other subjects, are necessary for him, as a member of the Chinese race, in order to lead a socially efficient life in Chinese society.

CHINESE I. *History of Chinese Literature*. This is a systematic course treating of the development of Chinese literature. The relation of the literature of each period to its cultural milieu is shown. There are lectures and assigned readings.

Freshman year, autumn semester, five hours weekly. Required of all students.

CHINESE II. *Hsioh Wen*. This is an advanced course in the evolution of Chinese.

Freshman year, spring semester, first half, five hours weekly. Required.

CHINESE III. *Composition and Rhetoric*.

Freshman year, spring semester, second half, five hours weekly. Required.

CHINESE IV. *History of Chinese Philosophy.* This course gives a study of the development of Chinese philosophy in relation to cultural history.

Sophomore year, autumn semester, five hours weekly.

CHINESE V. *History of Chinese Philosophy.* This is a continuation of Course IV.

Sophomore year, spring semester, five hours weekly.

CHINESE VI. *History of Chinese Civilization.* In this course there is a study of the development of the Chinese social and political organization, the educational system, art, etc.

Junior year, autumn semester, five hours weekly.

CHINESE VII. *Selected studies of the Tsz Pu.* The course is a critical and comparative study of selected philosophical systems and is designed to give the students training in independent research work.

Senior year, spring semester, five hours weekly.

Economics.

ECONOMICS I. *Introductory Course.* An effort will be made to confine the attention of the student on the one hand to the economic phenomena observable daily and on the other hand to fundamental economic laws. To this end the simplest discoverable text (not yet selected) will be used in connection with selected questions from "Outlines of Economics," by the University of Chicago Press. Collateral readings from "Materials for the Study of Economics" and other source books will be assigned.

Sophomore year (Group II), junior year (Group III), senior year (Group I), autumn semester, five hours weekly.

ECONOMICS II. *Public Finance.* In addition to the work usually covered in such a course, special attention will be given to the nature and function of money and banking. The text-book is Adams' "Public Finance."

Junior year, spring semester, five hours weekly. (Not given in 1916.)

Either Course II or Course III is required of students in Group II.

ECONOMICS III. *The Economic Resources and Problems of China.* The student is required to be familiar with the important products of each province, with the processes of production, and with the means of distribution. Of necessity, the course is of the nature of a seminar, the material being gathered from various sources, among which are "The China Year Book," Morse's "Trade and Administration of the Chinese Empire," Richard's "Comprehensive Geography of China," and Wagel's "Finance in China."

Senior year, autumn semester, five hours weekly.

Education.

EDUCATION I. *Educational Norms.* This course will consist of assigned readings in current literature on the subject, followed by actual measurements of mental and physical conditions of Chinese children in the grades of various schools in the city.

Senior year, spring semester, five hours weekly. Given every second year, alternating with Course II. (Not given in 1916-17.)

EDUCATION II. The course consists of a thorough examination of pertinent physiological, psychological, and other scientific data with the object of arriving at a modern, acceptable description of the process of learning, and of the methods of teaching that are based on such a description.

Senior year, spring semester, five hours weekly. This course alternates with Course I.

English.

ENGLISH I. *Composition and Rhetoric.* This is a course which combines with the study of the principles of rhetoric

considerable practice in writing and in reading aloud. The text-books are Merkley's "Modern Rhetoric" and Macaulay's essays on Lord Clive and Warren Hastings.

Open to college grades; freshman year, given each semester, five hours weekly.

ENGLISH II. *Composition and Rhetoric.* This is a course in continuation of English I. The text-books are Merkley's "Modern Rhetoric" and Stevenson's "Inland Voyage," "Travels with a Donkey," and "Treasure Island."

Open to students who have taken or are taking English I; freshman year, spring semester, five hours weekly.

ENGLISH III. *Readings in English Prose.* This is a course which includes some study of the principles of rhetoric and some practice in composition but which places the emphasis upon the development of literary appreciation. The texts selected for 1915-16 are Lincoln's "Speeches and Addresses," Burke's "Speech on Conciliation," and Hawthorne's "Twice-Told Tales."

Open to students who have taken English I and English II; sophomore year, autumn semester, five hours weekly.

ENGLISH IV. *Readings in English Prose and Poetry.* This course is a continuation of English III, but includes readings in poetry as well as in prose. The texts selected for 1916 are Ruskin's "Sesame and Lilies" and "The King of the Golden River," Scott's "Quentin Durward," and Tennyson's "Shorter Poems."

Open to students who have taken English I, II, and III; sophomore year, spring semester, five hours weekly.

ENGLISH V. *The History of English Literature.* This course gives an historical survey of English literature from its beginning to the end of the seventeenth century, with readings illustrative of the various periods studied. Long's "English Literature: Its History and Its Significance" is the text-book used for the historical survey.

Open to students who have taken English I, II, III, and IV; junior year, autumn semester, five hours weekly. (Not given in 1915-16.)

ENGLISH VI. *The History of English Literature.* This course gives an historical survey of English literature from the eighteenth century to the present, with readings illustrative of the various periods studied. Long's "English Literature: Its History and Significance" is the text-book used for the historical survey.

Open to students who have taken Course V and its prerequisites; junior year, spring semester, five hours weekly. (Not given in 1916.)

ENGLISH VII. *The English Essay.* This is a reading course with some study of the nature and history of the English essay. Winchester's "English Essays" is used as a text-book.

Open to students who have taken or are taking English V and VI; junior or senior year, autumn semester, five hours weekly. (Not given in 1915-16; will probably be offered in 1916-17.)

ENGLISH VIII. *The English Novel.* This is a reading course, introduced by an outline study of the history of the English novel.

Open to students who have taken or are taking English VI; junior or senior year, spring semester, five hours weekly. (Not given in 1916; will probably be offered in 1917.)

ENGLISH IX. *Shakespeare.* This course consists of a careful reading of a few of the representative plays of Shakespeare, with a brief general study of the drama.

Open to students who have taken or are taking English V and VI; junior or senior year, autumn semester, five hours weekly. (Not given in 1915-16; will probably be offered in 1917-18.)

ENGLISH X. *Milton*. This course includes readings from the earlier poems and from "Paradise Lost," with some study of the life and character of Milton. There is also a brief general study of poetic forms.

Open to students who have taken or are taking English VI; junior or senior year, spring semester, five hours weekly. (Not given in 1916; will probably be offered in 1918.)

ENGLISH XI and XII. *Translation*. These are courses given in connection with the courses in Chinese Literature. They include practice in both written and oral translation from Chinese into English and from English into Chinese.

Open, with special permission from the Dean, to those who have completed the freshman courses; both semesters. (Not given in 1915-16.)

Geology.

GEOLOGY I. *General Geology*. This course treats of the leading facts and principles of geology and of the more important events of geological history. The text is Norton's "Elements of Geology."

Junior year, spring semester, five hours weekly, two laboratory hours counting as a one hour credit. Laboratory fee three dollars. (Not given in 1915-16.)

GEOLOGY II. *Elementary Mineralogy and Petrology*. This is a study of common minerals and common rocks. It is principally a laboratory course with field work, accompanied by occasional descriptive lectures.

Laboratory fee three dollars. (Not given in 1915-16.)

GEOLOGY III. *Physiography*. The course embraces the following general subjects: the form of the earth as a whole, with its relation to other members of the solar system, the atmosphere, the ocean, and the land. This course is suited to the needs of those who teach physical geography and physiography in high schools. The text is Salisbury's "Physiography." (Not given in 1915-16.)

GEOLOGY IV. *Economic Geology*. This course is designed to give a general knowledge of the principles governing the formation and occurrence of the more important ores and non-metalliferous deposits and of the conditions, commercial and otherwise, which limit their exploitation.

Prerequisite, Geology I. Laboratory fee three dollars. (Not given in 1915-16.)

History.

HISTORY I. *United States History*. This is a general course with outside readings and written reports in addition to the text. Muzzey's "American History" is used.

Open only to students who have completed the required courses in history in the High School. Freshman year, spring semester, five hours weekly.

HISTORY II. *History of Western Europe*. The history of Europe is studied from the beginning of the modern period. Robinson and Beard's "Introduction to the History of Western Europe" is used. Outside readings and essays are required.

Sophomore year, autumn semester, five hours weekly.

HISTORY III. *English History*. In this course a study is made of the development of English political institutions, language, and customs. Cheyney's "Short History of England" is used. Readings and written reports are required.

Sophomore year, spring semester, five hours weekly.

HISTORY IV. *French History*. The emphasis in this course is placed on the last two centuries of French history. Montgomery's "Leading Facts of French History" is used. Readings and essays are required.

Junior year, autumn semester, five hours weekly.

Mathematics.

MATHEMATICS I. *Plane Trigonometry.* The text-book is Granville's "Plane and Spherical Trigonometry."

Freshman year, autumn semester, five hours weekly.

MATHEMATICS II. *College Algebra and Analytic Geometry.* The text-books are Wentworth's "College Algebra" and Ziwet and Hopkins' "Analytic Geometry." The first two months are given to College Algebra and the remainder of the time to Analytic Geometry.

Sophomore year, autumn semester, five hours weekly.

MATHEMATICS III. *Differential Calculus.* The text-book used is Granville's "Differential and Integral Calculus."

Junior year, autumn semester, five hours weekly.

Philosophy.

PHILOSOPHY I. *History of Western Philosophy.* The course comprises a study of the development of Western thought in relation to geographical, literary, and political history. Text: Cushman's "Beginner's History of Philosophy."

Junior year, spring semester, five hours weekly. (Will be given in 1917.)

PHILOSOPHY II. *The Problems of Philosophy.* This course should lead the student to think for himself upon the meaning of the world and of human life. Selected readings are assigned in connection with the topics under consideration. Especial attention is given to the concepts of idealism, realism, pragmatism, and evolution.

Senior year, autumn semester, five hours weekly. (Not given in 1915-16.) Prerequisite, Philosophy I.

PHILOSOPHY III. *Ethics.* This begins with a study of moral origins, followed by an analysis of the moral consciousness and of certain problems of social morality. Text: Dewey and Tufts' "Ethics."

Senior year, spring semester, five hours weekly. Prerequisite, Psychology I.

PHILOSOPHY IV and V. See Chinese IV and V.

Courses in the Philosophy of Religion will be added as occasion may arise.

Physics.

PHYSICS I. *General Course.* This course is designed to make the student familiar with the more important topics in Mechanics, Sound, and Light. The text-book is Carhart's "University Physics," Volume I.

Open to students who have completed Elementary Physics and Mathematics I. Junior year, spring semester, five hours weekly (four recitations and two hours of laboratory work). Laboratory fee, three dollars.

PHYSICS II. *General Course.* This course follows the method of Physics I and is designed to cover the more important topics in Heat, Electricity, and Magnetism. The text-book is Volume II of Carhart's "University Physics."

Open to students who have completed Physics I. Senior year, autumn semester, five hours weekly (four recitations and two laboratory hours). Laboratory fee, three dollars.

Physiology.

PHYSIOLOGY I. *Physiology and Hygiene.* This course is a general study of the structures and functions of the human organs, with special emphasis upon the laws of health and their application to daily life. Recitations will be accompanied by demonstrations and experiments. Text: "Advanced Physiology and Hygiene," by Conn and Budington.

Open to all, junior year, spring semester, five hours weekly (1915-16).

Political Science.

POLITICAL SCIENCE I. *Introduction.* This is a general introductory course in which Gettell's "Introduction to Political Science" is used as a basis and readings in other texts are required.

Sophomore year, spring semester, five hours weekly.

POLITICAL SCIENCE II. *International Law.* The development of international law is traced from its beginnings to the present day. Lawrence's "Principles of International Law" is used as a basis.

Junior year, autumn semester, five hours weekly.

Psychology.

PSYCHOLOGY I. *Introduction to Psychology.* This is a survey of the salient features of the mental operations involved in human reactions. The course is designed to give the student an appreciation of the function in human experience of such processes as sensation, perception, memory, reasoning, instinct, feeling, etc. Text: Pillsbury's "Essentials of Psychology," with collateral readings from such authors as Angell, Judd, and James.

Junior year, autumn semester, five hours weekly.

PSYCHOLOGY II. *Advanced Psychology.* The course aims to acquaint the student with two important fields of modern psychological thought, experimental psychology and social psychology. Seashore's "Experimental Psychology" and McDougall's "Introduction to Social Psychology" are used as texts.

Prerequisite, Psychology I. Junior year, spring semester, five hours weekly.

Courses in Psychology will be added as occasion may arise.

Religious Instruction.

RELIGIOUS INSTRUCTION I. *The Life of Christ.* The course aims to give the student a mastery of the facts of the scripture narrative and to encourage and direct constructive work. Burton and Mathews' "Life of Christ" is used as a textbook, with supplementary readings in other works.

Freshman year, autumn semester, five hours weekly.

RELIGIOUS INSTRUCTION II. *Old Testament History.* This is a course in the Kings and Prophets, with readings supplementing the biblical accounts.

Sophomore year, spring semester, five hours weekly.
(Not given in 1916.)

RELIGIOUS INSTRUCTION III. *History of the Social Influence of the Church.* In this course the aim is to view in perspective the social influence of the church from the beginning to the present time, especial attention being given to the contribution of Christian missions. Rauschenbusch, Uhlhorn, Harnack, Dennis, and other works of reference are used.

Junior year, autumn semester, five hours weekly.

RELIGIOUS INSTRUCTION IV. *Education in Morals and Religion.* This course aims to give the student a knowledge of the best educational theory and practice in relation to religious training. Professor Coe's "Education in Religion and Morals" is used as a textbook and is supplemented with assigned readings, particularly in Bushnell and in current literature.

Senior year, spring semester, five hours weekly.

Sociology.

SOCIOLOGY I. This is a general course intended to introduce the student to the field and problems of Sociology. Text: Blackmar's "Elements of Sociology," with extensive collateral readings, especially in Dealey, Ellwood, Thomas, and Carver.

Sophomore year, autumn semester, five hours weekly.
(Will be given in 1916-17.)

SOCIOLOGY II. The course is a study of social technology, or the methods and institutions for the improvement of human society. Text: Henderson's "Social Programmes in the West," with collateral reading and visitation and investigation of local charitable and corrective institutions.

Junior year, spring semester, five hours weekly. (Not given in 1916-17.) This course, or one of the following, is required in Group II.

SOCIOLOGY III. *Social Origins.* This is a study of the main factors in the evolution of typical social institutions. Text: Thomas's "Social Origins," with collateral readings and detailed investigation of one or more special topics.

Senior year, autumn semester, five hours weekly.

Other courses, such as Chinese Social Institutions, Social Philosophy (a study of Utopias), Ethnology, and Anthropology will be given as there is demand, the plan being to make Courses III and following of approximately equal grade and to offer them successively.

THE MEDICAL SCHOOL.

THE FACULTY.

ARTHUR JOHN BOWEN, B.A., LL.D., President.

JOHN ELIAS WILLIAMS, B.A., D.D., Vice-President.

RANDOLPH TUCKER SHIELDS, B.A., M.D., Dean, Anatomy.

*NATHAN WORTH BROWN, B.S., M.D., Secretary, Internal Medicine.

† ROBERT CASE BEEBE, M.D., Pediatrics.

WILLIAM EDWARD MACKLIN, M.B., M.C.P.S.O., Hygiene and Preventive Medicine.

PHILIP SAFFERY EVANS, B.A., M.D., Dermatology.

ALEXANDER YING LEE, B.S., M.S., Chemistry.

THOMAS DWIGHT SLOAN, M.D., Clinical Medicine.

WALTER GARFIELD HILTNER, B.S., M.D., Surgery.

SIDNEY LOCOCK LASSELL, B.A., M.D., Clinical Surgery.

† FRANK PEYTON GAUNT, B.A., M.D., Genito-Urinary Surgery.

JAMES BUTCHART, M.D., Ophthalmology and Otology.

YU PU AN, B.A. (Chinese), Chinese Literature.

MISS ELIZABETH WALKER, Office Assistant and Secretary.

MRS. LILY W. MOLLAND, Matron, University Hospital.

MISS FLORENCE M. WARNER, Nurse, University Hospital.

† MISS ELICE VON DEN KERKHOFF, Nurse, University Hospital.

* On furlough. † Autumn semester.

GENERAL STATEMENT.

The Medical School is incorporated under the laws of the State of New York as a department of the University of Nanking. By virtue of its incorporation the school is subject to the regulations and requirements of the New York State Board of Regents.

The administration rests with the University Board of Managers, upon which each of the co-operating missions is

represented. All property rights are vested in the University Board of Trustees resident in the United States. This following missions are now co-operating in this department of the University:—

American Baptist Missionary Society.
 American Presbyterian Mission.
 American Presbyterian Mission, South.
 Foreign Christian Missionary Society.
 Methodist Episcopal Mission.
 Methodist Episcopal Mission, South.
 Southern Baptist Convention.

The purpose of the School is to give to Chinese students, under Christian influences, a medical education equivalent in standard to that maintained in medical schools of the United States. To do this it has been found advisable to lengthen the course to six years and to require a special preparatory year after graduation from a school of high school grade. The course is divided into three parts:—first, a "Pre-medical year" of work in Biology, Chemistry, and Physics; second, the regular course of medical instruction, covering five years instead of four; third, an additional year of service in an approved hospital.

The work of the Pre-medical class and that of the first three years of the regular course are given in the class-rooms and laboratories of the University Science Hall, a portion of which has been set apart for the exclusive use of the medical department. Laboratories in Chemistry, Physics, and Biology are thus provided. The teaching equipment includes microscopes (one for each student), anatomical, histological, and pathological material, manikins, charts, microtomes, incubators, and apparatus used in clinical microscopy. By the recent action of the Government it will be possible to secure fresh anatomical material. This will assist in the teaching of human anatomy, which heretofore has been done largely from manikins and specimens prepared abroad.

Clinical instruction is given at the University Hospital recently acquired from the Foreign Christian Mission. This general hospital with over eighty beds and a daily dispensary clinic which averages seventy-five patients furnishes material for clinical work. Class-rooms and a clinical laboratory are temporarily located in an adjoining building.

ADMISSION.

Candidates for the degree of Doctor of Medicine must have completed the full high school (academy) course, including a year's work in Physics and an elementary course in Biology. Students presenting certificates from such schools approved by the Faculty will be admitted to the Pre-medical year without examination. Students from other schools must pass satisfactory examinations in the following subjects:—

CHINESE :	Essay and Letter Writing, Commercial Press Rhetoric, and the National Readers for "High Primary" and "Middle" Schools.
HISTORY :	General History (such as Myers'), and Chinese History, as given in the Commercial Press Histories for "High Primary" and "Middle" Schools.
MATHEMATICS :	Arithmetic, Algebra (as far as quadratics), and Plane Geometry.
PHYSICS :	General course (such as Hoadley's High School Physics).
GEOGRAPHY :	General descriptive.
BIOLOGY :	Elementary course in either Botany or Zoology.
ENGLISH :	Reading Selections, of the grade of the Third Reader.

Special Students. Upon the request of any physician of the co-operating Missions, any student not a candidate for the degree of Doctor of Medicine may be received as a special student in the Pre-medical or regular courses of study. Such students must distinctly understand that they will receive only certificates for work completed and cannot secure a degree.

Advanced Standing. Students applying for advanced standing must make personal application to the Dean, who will consider each case on its own merits. No allowances will be made for work not done in an approved medical school.

FEES.

See page 19.

GRADUATION.

Students who meet all entrance requirements and complete satisfactorily the courses of study prescribed, including one year's service in an approved hospital, will be recommended to the Board of Regents of the State of New York for the degree of Doctor of Medicine.

To special students, taking any or all of the courses offered by the Medical School, the Faculty presents certificates indicating the amount of work completed.

COURSES OF STUDY.

PRE-MEDICAL YEAR.

Autumn Semester.

Biology (college grade)	10 hours weekly.
Laboratory Physics	8 " "
Inorganic Chemistry	10 " "

Spring Semester.

Biology and Comparative Anatomy	10 hours weekly.
Laboratory Physics	8 " "
Inorganic Chemistry (half term) }	10 " "
Qualitative Analysis (half term) }	

FIRST YEAR.

Embryology	80 hours during the year.
Histology	216 " " " "
Gross Anatomy	360 " " " "
Organic Chemistry	120 " " " "
Religious Instruction, Chinese, and English	120 " " " "
	<hr/> 896 " " " "

SECOND YEAR.

Gross Anatomy	156 hours during the year.
Physiology	210 " " " "
Physiological Chemistry	153 " " " "
Bacteriology	114 " " " "
Pathology	150 " " " "
Religious Instruction, Chinese, and English	120 " " " "
	<hr/> 903 " " " "

THIRD YEAR.

Pharmacology and Therapeutics	210 hours during the year.
Pathology	120 " " " "
Physical Diagnosis	90 " " " "
Minor Surgery and Bandaging	90 " " " "
Surgical Anatomy	100 " " " "
Laboratory Diagnosis	200 " " " "
Religious Instruction, Chinese, and English	120 " " " "
	<hr/> 930 " " " "

FOURTH YEAR.

Surgery	240 hours during the year.
Medicine	270 " " " "
Obstetrics	126 " " " "
Skin	60 " " " "
Genito-Urinary Surgery	90 " " " "
Pediatrics	30 " " " "
Gynecology	60 " " " "
Religious Instruction, Chinese, and English	120 " " " "
	<hr/> 996 " " " "

FIFTH YEAR.

Surgery	270 hours during the year.
Medicine	360 " " " "
Eye	60 " " " "
Ear, Nose, and Throat	30 " " " "
Tropical Medicine	30 " " " "
Hygiene and Public Health	30 " " " "
Nervous and Mental Diseases	30 " " " "
Dietetics	15 " " " "
History of Medicine, Ethics of Medical Practitioners, Medical Jurisprudence, and Medical Economics	30 " " " "
Religious Instruction, Chinese, and English		120 " " " "
	<hr/> 975 " " " "

DESCRIPTION OF COURSES.*

Physics and Chemistry.

PHYSICS. A course in laboratory physics is given to the Pre-medical class. This course presupposes a knowledge of the elements of physics and is designed to supplement the instruction which students have already received.

Pre-medical year, both semesters, eight hours weekly.
Professor Lee.

CHEMISTRY. Ten hours a week during the Pre-medical year are spent in Inorganic Chemistry. During the first year of the regular medical course instruction is given in Organic Chemistry and in Qualitative Analysis. This course includes lectures, laboratory work, and quizzes based on Gillison's translation of Luff's "Chemistry."

Pre-medical year and first year, both semesters, ten hours weekly. *Professor Lee.*

Biology and Comparative Anatomy.

BIOLOGY AND COMPARATIVE ANATOMY. In this course instruction is given by lectures but a large part of the time is spent in laboratory work. Whenever possible the parasites of disease are used for class study. Special emphasis is placed on proficiency in the use of the microscope.

Pre-medical year, both semesters, ten hours weekly.
Dr. Shields.

Human Anatomy.

GROSS ANATOMY. Heretofore human dissection has been prohibited and didactic work has been supplemented by additional mammalian dissections. The recent provision by the Government will hereafter make it possible to secure

* Two classes, First Year and Fifth Year, are now in attendance. Only the courses scheduled for these two years are therefore being given in 1915-6.

proper material for dissection. Hardened preparations of the extremities, manikins, and charts have aided in giving the students a practical knowledge of human anatomy. Disarticulated skeletons are furnished the students for the study of osteology.

First and second years, both semesters. *Dr. Shields.*

MICROSCOPICAL ANATOMY AND EMBRYOLOGY. In this course most of the time is spent in laboratory work and students are expected to become familiar with the appearance and structure of all normal tissues. Students are trained in the use of the microtome and stain all of their own specimens. The texts used in the above courses in anatomy are translations of Gray's "Anatomy," the "Essentials of Anatomy," and Cunningham's "Atlas of Anatomy."

First year, both semesters, nine hours weekly. *Dr. Shields.*

Pathology and Bacteriology.

PATHOLOGY. In this course lectures and quizzes based on the translation of Stengel's "Pathology" constitute the didactic work. A large assortment of pathological slides furnishes material for laboratory study and demonstration. Drawings are made of all principal tissue changes.

Second year, both semesters; third year, autumn semester; six hours weekly. *Dr. Evans.*

BACTERIOLOGY. A translation of Archinard's "Microscopy and Bacteriology" is used as the text. This is supplemented by lectures on special subjects. The preparation of culture media, the cultivation of bacteria on various media, the systematic study of about thirty micro-organisms, and the methods employed in the identification of unknown organisms are included in this course.

Third year, both semesters. *Dr. Brown.*

Physiology and Physiological Chemistry.

PHYSIOLOGY. The recitations are based on a translation of Halliburton's "Physiology." The text is supplemented by lectures on subjects of particular interest. A portion of each period is given to the demonstration of physiological processes. An average of two hours each week is devoted to laboratory work by the class.

Second year, both semesters, eight hours weekly. *Dr. Butchart.*

PHYSIOLOGICAL CHEMISTRY. This is a course embracing lectures and laboratory work, and is given after the completion of Organic Chemistry.

Second year, autumn semester, nine hours weekly. *Dr. Evans.*

Medicine.

PHYSICAL DIAGNOSIS. This course is conducted by means of lectures, translated notes, and demonstrations. The class is drilled in all the methods employed in physical diagnosis and is taught the significance of abnormal findings. A large part of the time is spent on the examination of the chest and abdomen. History taking and the writing of hospital records are included in the course.

Third year, both semesters, four hours weekly. *Dr. Brown.*

PRACTICE OF MEDICINE. This course is based on the translation of Osler's "Medicine" with quizzes twice each week. The etiology, pathology, and symptoms of each disease are systematically reviewed and grouped with a view to their practical application.

Third year, spring semester; fourth year, both semesters. *Dr. Sloan.*

CLINICAL MICROSCOPY. The course includes examination of the blood, feces, urine, stomach contents, discharges, and exudates, with special reference to the diagnosis of disease. Students are trained in the practical application of bacteriological examinations and serum reactions. A portion of the year's work is given to the study of human parasites and the demonstration of their ova. While essentially a laboratory course, regular lectures are given on diagnostic methods and laboratory technique.

Fourth year, both semesters, four hours weekly. *Drs. Brown and Sloan.*

PEDIATRICS. In treating of Pediatrics special attention is given to the feeding of the infant, the nourishment of the child, and the prevention of disease. The studies are arranged with reference to conditions peculiar to China.

Third year, both semesters, two hours weekly. *Dr. Beebe.*

HYGIENE AND PREVENTIVE MEDICINE. This is a general course of lectures on hygiene and preventive medicine prepared with special reference to conditions in China.

Fifth year, both semesters, one hour weekly. *Dr. Macklin.*

MATERIA MEDICA AND THERAPEUTICS. The translation of Hare's "Materia and Therapeutics" is used as a text and for purposes of reference, but only the more important drugs are considered.

Third year, both semesters, two hours weekly. *Dr. Shields.*

Surgery.

SURGICAL ANATOMY. The text used is a translation of Heath's "Practical Anatomy." Whenever available, anatomical material is used for purposes of demonstration.

Third year, spring semester, three hours weekly. *Dr. Shields.*

PRINCIPLES OF SURGERY. The course comprises lectures, quizzes, and demonstrations in the principles of Surgery. Anæsthetics, bandaging, and minor surgery are included in the early part of the course. The translated text of Ross and Carless' "Surgery" is used by the class. There are frequent demonstrations of illustrative surgical conditions.

Third year, both semesters, two hours weekly; fourth year, both semesters, three hours weekly. *Dr. Lasell.*

Specialties.

Ophthalmology, Dermatology, Genito-Urinary Surgery, and other special subjects coming in the latter part of the course will be arranged for and given by members of the Faculty specializing in these particular branches.

Hospital Clinics.

During the final two years of the course students will give a large portion of their time to attendance at clinical lectures and demonstrations, to "ward walks," and to the study of individual cases in the University Hospital. Regular dispensary service will be required of all senior students.

THE UNIVERSITY HOSPITAL.

Located near the well known "Drum Tower," at the junction of several important thoroughfares and on the direct road from the heart of the city to the Yangtse River port, this hospital occupies a most advantageous position and can secure an almost unlimited amount of clinical material from which interesting and instructive cases can be secured for study and demonstration. The faithful labors of Dr. W. E. Macklin, who for twenty years conducted this hospital, have won for it an enviable reputation which extends far beyond the limits of the city.

The plant consists of the main hospital building of 35 beds, and a receiving ward of 10 beds; special wards in remodelled Chinese buildings accommodate 40 patients, and two small isolation cottages will care for from ten to twenty cases as may be necessary. The new Teachout Operating Pavilion furnishes excellent accommodations for clinical demonstrations in medicine and surgery and also provides two clinical laboratories.

The management of the hospital is under the direct control of the Medical Faculty. All material is available for teaching purposes.

Hospital Staff.

Committee of Management: Dr. James Butchart,
Dr. P. S. Evans, Jr.,
Dr. S. L. Lasell,
Dr. R. T. Shields,
Dr. T. D. Sloan.
Superintendent: Dr. James Butchart.
Matron: Mrs. L. W. Molland.
Nurses: Miss Florence M. Warner,
Miss Elice von den Kerkhoff.

Visiting Staff.

Visiting Physicians: ... Dr. T. D. Sloan,
Dr. P. S. Evans, Jr.
Visiting Surgeons: ... Dr. W. G. Hiltner,
Dr. S. L. Lasell.
Visiting Ophthalmologist: Dr. James Butchart.

Resident Staff.

Physician: Dr. Chang Kai Chang.
Pharmacist: Mr. Chen Shu Sheng.

THE SCHOOL OF NORMAL TRAINING

THE FACULTY

- ARTHUR JOHN BOWEN, B.A., LL.D., President.
 JOHN ELIAS WILLIAMS, B.A., D.D., Vice-President.
 A. ARCHIBALD BULLOCK, B.S., M.S., Principal.
 § LESLIE BATES MOSS, M.A.
 † CHEN CHUEN HO, B.A., Registrar; Mathematics, Geography,
 and History.
 † HUNG CHANG, B.A., Registrar.
 TAI PEN SHAN,* Superintendent of Practice School; Critic
 Teacher.
 KUNG TSEN, B.A.,* Superintendent of Industries; Critic
 Teacher.
 † CHANG TIEN TSU, B.A.,* Institute Lecturer; Critic Teacher.
 † HANG HAI, B.A. (Chinese), Chinese Classics.
 CHEN HU CHEN, Practice School, Grades One and Two.
 WANG HANG, Practice School, Grade Three.
 CHANG SI O, Practice School, Grade Four.
 SHEN KIA IU, Practice School, Grade Five A.
 WANG TING, Practice School, Grade Five B.

* Has had special training and study at Manila in the Philippine Normal School and University.

† Autumn semester. ‡ Spring semester. § Language study.

GENERAL STATEMENT.

The regular subjects offered by this school may be combined so as to form three different courses. The first of these includes all that is at present offered. Ordinarily this takes four years for completion and leads to the diploma of the School of Normal Training. Graduation from this course requires the full equivalent of the University High School course in all subjects except English, and in place of English there are other subjects taken that are the equivalent and,

from the teacher's standpoint, more necessary. Two years of English, however, are required.

The second course is especially provided for those who are unable to take the full course. It may be completed in two years and leads to a two-year certificate. The starred subjects in the courses of study are required for this certificate.

The third course is provided for high school students who have completed part of their preparation for college but desire to take courses that will fit them more directly for teaching. Any student who has had the full equivalent of the first two years of the University High School may take this course by continuing the regular high school work, but substituting for certain subjects all of the educational courses in the list below. These substitutions must be made with the consent of both the normal and the high school faculties. (See High School Courses of Study, Group I, Normal Training.) In addition the student must take eight hours of practice teaching and eight hours of manual training. Upon the completion of this course a Normal-High School diploma will be issued. This diploma will admit to the college without examination, provided the necessary amount of English can be presented.

A fourth course is now offered for any who desire special training for industrial teaching. Two years' work is all that is at present contemplated but if there is demand for a more extended course, the school will provide more. Only those who agree to take two full years and who contemplate teaching the subject will be admitted.

The Industrial Department.

The Industrial Department forms an important part of the work of the School of Normal Training. It is organized for the practical training of the normal students in different forms of handicraft as an integral part of their training as teachers. At the same time the children of the Practice

School receive a very important share of their education in this department.

The regular courses in manual training as outlined under Courses of Study below are subject to variation and expansion and hence are indicative rather than final. Constant effort is being made to discover new materials and new sorts of articles that can be appropriately manufactured with profit.

The Practice School.

The Practice School is a model school of primary grade which has been organized as a part of the School of Normal Training. As such it serves both as a place where normal students can gain practical experience in teaching under expert supervision and also as a laboratory of better methods.

ADMISSION.

Matriculation will be granted to those who have had a full grammar school training (graduates of 高等小學) and to those who have a mature grasp of the Chinese language and literature. Neither English nor arithmetic, in the case of older students, is necessary for admission. Hence examinations for admission will be based, in the case of younger students, upon the curriculum of the regular grammar schools and, in the case of older students, upon Chinese only. For those who have had part of the materials of this school elsewhere it is possible to arrange for advanced standing. Every applicant is required to present credentials proving good character and a purpose to become a teacher.

FEES.

See page 19.

GRADUATION.

In all regular class work one hour recitation per week through a semester is counted as a credit. In laboratory practice two or three hours is reckoned as a credit. In

the industrial department five or six hours' work is counted as two credits, and in practice teaching each practice teaching section, of which there are two each semester, counts as one credit. There are no fixed classes. Each student takes the work he needs and when he has the necessary credits graduates.

COURSES OF STUDY.

FIRST YEAR :	Hours.	THIRD YEAR :	Hours.
*Chinese	16	Chinese	16
*Religious Instruction...	4	Religious Instruction ...	4
*Arithmetic	12	English	10
English (elective) ...	...	Chemistry or Biology ...	8
*Physiology and Hygiene	5	Commercial Geography	
*General Geography ...	6	and Government ...	5
*Drawing or Music ...	2	*Educational Psychology	4
*Industries	4	History of Education ...	4
*Practice Teaching ...	2	Practice Teaching ...	2
SECOND YEAR :		FOURTH YEAR :	
*Chinese... ..	10	Chinese	16
*Religious Instruction ...	4	Religious Instruction ...	4
*Arithmetic (advanced)	3	English	10
*Algebra or Geometry ...	12	Physics	8
English (elective) ...	...	School Management ...	4
*History of the World ...	6	Principles of Education	4
*Drawing or Music ...	2	*Practice Teaching ...	2
*Industries	4		
*Practice Teaching ...	2		

THE INDUSTRIAL DEPARTMENT.

† Course in Wicker Furniture Manufacturing.

Framing ten articles and weaving eight articles of simple design.
Designing and building twelve high-grade patterns.

† Course in Hand Weaving.

Busy work	Table baskets
Elementary hand weaving	Waste paper baskets
Lamp mats	Clothes baskets
Hand bags	Work baskets
Optional work	Hand baskets
Table mats	Fancy baskets
Indian baskets	Rattan core boxes
Picture frames or wall decorations	Coreys

* Courses required for two-year certificate.

† These courses are alternative.

OUTLINE COURSE FOR INDUSTRIAL TEACHERS.

Chinese	...	...	...	...	...	2 years	(1 hour daily).
Geography	...	...	...	...	...	1 year	(1 " ")
Education	...	...	...	...	...	½ "	(1 " ")
Industrial Training...	...	...	...	...	...	2 years	(4 hours ")
Arithmetic	...	...	...	...	...	1 year	(1 hour ")
Business Administration	...	...	...	...	...	½ "	(1 " ")
Drawing (free hand ½, "work" and design ½)	1	"	(1	"	"	"	"

DESCRIPTION OF EDUCATIONAL COURSES.

Education.

EDUCATION I. *Educational Psychology*. This course deals with the individual and aims to teach the student to study himself as the necessary prerequisite to the understanding of others. The genetic aspect of psychology also receives large emphasis. A text-book (心理學要領) is used, which is supplemented by lectures and discussions.

Third year, autumn semester, four hours weekly.

EDUCATION II. *History of Education*. The course begins with Greek and Roman education and takes the student through the various stages of educational development to the present day. The course presupposes a fair acquaintance with general history. A text-book (中外教育史) and collateral readings are used.

Third year, spring semester, four hours weekly.

EDUCATION III. *School Management*. The work in this subject will supplement, and be illustrated by, the work done in practice teaching. Attention will be given to the special problems of Chinese schools. The texts extant on this subject will be examined and in general the students made acquainted with the literature on organization and management.

Fourth year, autumn semester, four hours weekly.

EDUCATION IV. *Principles of Education*. This course deals with the general principles that underlie all the subjects of the curriculum. The treatment of special subjects is taken up in connection with the conferences held with practice teaching sections. A text-book is used, supplemented by lectures.

Fourth year, spring semester, four hours weekly.

THE COLLEGE OF AGRICULTURE AND FORESTRY.

THE FACULTY.

ARTHUR JOHN BOWEN, B.A., LL.D., President.
JOHN ELIAS WILLIAMS, B.A., D.D., Vice-President.
*JOSEPH BAILIE, B.A., Dean, Field Work.
JOHN HENRY REISNER, M.S.A., Acting Dean, Soils and Farm Crops.
HARRY CLEMONS, M.A., English Language and Literature.
†HAROLD VAN VECHTEN FAY, B. S., English.
ZAUNG TEEH ING, M.A., Biology, Plant Physiology.
ALEXANDER YING LEE, M.S., Chemistry.
LIU CHING CHEN, B.A., English.
‡LIU KING SHU, Ph.D., Chinese Literature.
ARTHUR WESLEY MARTIN, Ph. D., Chemistry and Physics.
NIELS OSTERGAARD, Forestry, Field Work, Horticulture.
HARVEY CURTIS ROYS, B.S., Physics and Surveying.
Y. HSUWEN TSOU, M.S., Biology, Botany, and Entomology.
†WANG TUNG PEI, M.A. (Chinese), Chinese Literature.
ADELAIDE MAY WIXON, English.
YÜ PU AN, B.A. (Chinese), Chinese Literature.

Student Assistants.

CHOW MING I, Seed Collection and Distribution.
LI SHIH CHING, Assistant, Chemistry Laboratory.
†LIU CHING SHEN, Office and Library Assistant.
YAO WEN TSAI, Collector of Biological Laboratory Materials.

* *On furlough.* † *Autumn semester.* ‡ *Spring semester.*

GENERAL STATEMENT.

Introductory.

The College of Agriculture was opened in the autumn of 1914, and the Forestry Department in the following spring. In June, at the request of the Chinese government, arrangements were made for the transfer of their forestry students from Peking to the University of Nanking. In addition to the sanction thus given to the College of Agriculture and Forestry, the government has also made a definite grant of money to aid in its development. The governors of Anhwei, Shantung, Kweichow, Kiangsu, and Kiangsi have also officially recognized the College, the first four by sending scholarship students to be trained and the last by a grant of money. The Forest Fund Committee of Shanghai has also transferred its students from the former German school at Tsingtau and has established three additional scholarships at Nanking.

Equipment. There are fourteen instructors and four assistants on the teaching staff, five of whom are devoting their whole time to the College. In addition to special laboratories in agronomy, botany, biology, and entomology, the whole equipment of the University is available for students in the College of Agriculture and Forestry. They may also elect a number of courses in the College of Arts for credit towards their B. S. degree.

Practical Work.

I. *Forestry.* By the courtesy of the Nanking Branch of the Colonization Association, the whole of Purple Mountain, granted to this Association by the Peking Government for reforestation, is made available for the use of forestry students. The problems of Purple Mountain are typical of those of a large part of China, and when a student has mastered them he should be able to carry on work anywhere in the country.

There is excellent opportunity to study native forests at Bao Hwa Shan (where there is probably the greatest variety of forest trees to be found in this part of China), Ling Guh Sz, and in the neighborhood of Chuchow, where there is an excellent oak forest. All these forests are visited on field trips. (See Field Work for Forestry Students, page 75.)

2. *Agriculture.* The University has turned over to the College of Agriculture all its vacant land, most of which is well suited for cultivation. A large part of this is now being used for gardens, nurseries, and farm crops, and the remainder will be used by the students for experimental work. This work includes such fundamental processes as the preparation of seed beds, sowing seeds, mulching, and the like. By the time the student is familiar with these processes, we expect to have a farm and stock ranch in running order. Here the student will learn how to plough, harrow, cultivate, harvest crops, etc., and how to manage and care for all kinds of live stock. The equipment and practical work will be adapted to Chinese conditions. (See Field Work for Agricultural Students, page 74.)

ADMISSION.

Entrance. The equivalent of the courses required for graduation from the University of Nanking High School (and, in addition, high school chemistry) will be required for admission to the College of Agriculture and Forestry. Students presenting a diploma of graduation or other credentials from foreign-supervised or government schools of approved standing will be admitted without further examination. Unless such credentials are presented, the student will be obliged to pass the regular entrance examinations. Students who are deficient in any subject will be permitted to make up work in the College of Agriculture and Forestry preparatory course in the University High School. Students deficient only in English may specialize in this subject, one year of study by the direct

method being usually sufficient to enable a good student to take courses given in English.

For *Fees* see page 19. For *Outfit* see page 20. For *Scholarships* and *Prizes* see pages 20-22.

GRADUATION.

Arrangements are now being made with the Board of Regents of the State of New York to grant to all students who satisfactorily complete the prescribed course of study and the required field work the degree of Bachelor of Science. Students who do not complete the full course will be granted certificates covering all work satisfactorily performed.

COURSES OF STUDY.*

<i>Autumn Semester.</i>			<i>Spring Semester.</i>		
FIRST YEAR AGRICULTURE AND FORESTRY.					
	Hours.			Hours.	
English I.	5	English II.... ..	...	5
Chinese I.	3	Chinese II. ... ..	...	3
Biology I.	4	Biology II. ... ..	...	4
Inorganic Chemistry (Chemistry A I.)	5	Inorganic Chemistry (Chemistry A II.) ... ..	...	5
Geology I.	3	Surveying ... ..	...	3
Soil Technology (Soils I.)	3	Soil Technology (Soils I.)	...	3
Field Work	2	Field Work ... ..	...	2
SECOND YEAR AGRICULTURE AND FORESTRY.					
English III. or	5	English IV. or ... ..	...	5
Chinese III.	Chinese IV. .. ..	...	...
Qualitative Chemical Analysis (Chem. A III.)	5	† Quantitative Chemical Analysis (Chem. A IV.) ...	...	5
Botany I.	4	Botany II. ... ..	...	4
† Farm Crops I.	3	† Farm Crops II. ... ..	...	3
† Silvics I	3	† Silvics II ... ..	...	6
Meteorology	2	Entomology I. ... ..	...	4
Field Work	2	Field Work ... ..	...	2

* The Fourth Year Agriculture and the Third Year Forestry will be offered in 1917. The Fourth Year Forestry will be offered in 1918.

† Required of agricultural students only. ‡ Required of forestry students only.

*Autumn Semester.**Spring Semester.*

THIRD YEAR AGRICULTURE.

		Hours.			Hours.
Horticulture ...	...	5	Economic Entomology	...	5
Entomology II. ...	...	4	(Entomology III.)	...	5
Plant Physiology	...		Plant Physiology	...	
(Botany IV.) ...	...	3	(Botany V.) ...	...	3
Manures and Fertilizers	...		Agricultural Chemistry	...	
(Soils III.) ...	...	4	(Chemistry A V.) ...	...	4
Principles of Forestry	...	2	Taxonomy of the Higher	...	
Agricultural Chemistry	...		Plants (Botany III.)	...	3
(Chemistry A V.) ...	...	4	Economics ...	...	5
Field Work ...	...	2	Field Work ...	...	2

FOURTH YEAR AGRICULTURE.

Animal Husbandry ...	...	4	Poultry Management ...	...	5
Soil Survey (Soil V.)	...	2	Pomology ...	...	4
Rural Economics (Rural	...		Irrigation and Drainage	...	
Economics I.) ...	...	3	(Soils IV.) ...	...	3
Fish Culture ..	...	3	Rural Social Conditions	...	
Methods of Experimentation	...		(Rural Economics II.)	...	3
(Farm Crops IV.) ...	...	3	Plant Breeding (Farm	...	
Farm Management ...	...	3	Crops III.) ...	...	3
Field Work ...	...	2	Field Work ...	...	2

THIRD YEAR FORESTRY.

Forest Seeding and Planting	...	3	Forest Entomology	...	
Dendrology (Botany VI.)	...	4	(Entomology IV.)	...	4
Forest Laws ...	...	2	History of Forestry	...	2
Forest Utilization ...	...	4	Forest Mensuration	...	2
Forest Physiography ...	...	3	Forest Finance ...	...	3
Chinese or Elective ...	...	5	Wood Technology	...	4
Field Work ...	...	2	Chinese or Elective	...	5
			Field Work ...	...	2

FOURTH YEAR FORESTRY.

Forest Entomology ...	...	4	Field Work, also includ-	...	
Forest Pathology ...	...	4	ing some work in Sur-	...	
Rural Economics	...		veying, Dendrology, and	...	
(Rural Economics I.)	...	3	Mensuration.	...	
Forest Colonization ...	...	2			
Wood Preservation ...	...	4			
Forest Working Plans	...	4			
Field Work ...	...	2			

DESCRIPTION OF COURSES.

Animal Husbandry.

ANIMAL HUSBANDRY. This is a general study of the principal breeds and of the care and management of cattle, horses, swine, sheep, and goats.

Agricultural students, fourth year, autumn semester, four hours weekly.

Biology.

BIOLOGY I AND II. *General Biology.* This course presents a general survey of the field of biology and a study of natural objects in their environment. The topics dealt with are: the interdependence of organisms, the simpler organisms, organic evolution, inheritance, the life cycle, the adjustment of organisms to environment, and the responsiveness of organisms. The text-book is Needham's "General Biology." Lectures, recitations, and laboratory practice.

Agricultural and forestry students, first year, both semesters, four hours weekly. Laboratory fee not over three dollars per semester.

Botany.

BOTANY I AND II. *General Botany.* This is a general course dealing with the physiology of plants; the morphology of the larger groups of plants; the taxonomy of the higher plants; and the relation of plants to both their biological and physical environments. There is field work in identification of plants. These two courses are prerequisite to all other courses in this group. Lectures, reference assignments, recitations, laboratory and field work.

Agricultural and forestry students, second year, both semesters, four hours per week. Laboratory fee not over three dollars per semester.

BOTANY III. *Taxonomy of the Higher Plants.* This course treats of the different families according to evolutionary principles. A selective study of the local flora is made to illustrate the lectures and recitations.

Agricultural students, third year, spring semester, three hours weekly. Laboratory fee not over three dollars.

BOTANY IV AND V. *Plant Physiology.* These courses include a study of the principal life functions of plants, such as photosynthesis, respiration, transpiration, growth, and responses of plant life to environmental conditions and physical stimuli. Duggar's "Plant Physiology" is used as a text. Lectures, recitations, and laboratory practice.

Agricultural students, third year, both semesters, three hours weekly. Laboratory fee not over five dollars per term.

BOTANY VI. *Dendrology.* This course deals with the growth, habits, and habitat of the native trees, the forest areas of China, and the agencies which are injurious to forest trees.

Forestry students, third year, autumn semester, three hours weekly. Laboratory fee not over three dollars.

Chemistry.

CHEMISTRY A I AND II. *General Inorganic Chemistry.* This course includes, during the first semester, a general study of the non-metallic elements. The fundamental laws and theories of chemistry are studied in connection with those chemical reactions which they help to explain. Emphasis is laid on the quantitative character of chemical changes. The second semester is devoted to a study of the metallic elements, with special attention to those properties of the elements which are useful in analytical chemistry. The course may be given either in Chinese or in English. The text-book is Alexander Smith's "Chemistry for Colleges," or Luff's (Chinese) "Inorganic Chemistry."

Agricultural and forestry students, first year, both semesters, five hours weekly. For laboratory fee see page 19.

CHEMISTRY A III. *Qualitative Analysis.* This is a course dealing with the systematic separation and identification of the more important chemical elements and compounds. Numerous mixtures of unknown salts are analyzed and identified by each student. Baskerville and Cortman's "Qualitative Analysis" is the text-book.

Agricultural and forestry students, second year, autumn semester, five hours weekly. For laboratory fee see page 19.

CHEMISTRY A IV. *Quantitative Analysis.* The common gravimetric and volumetric methods of quantitative analysis are studied in this course. A number of quantitative analyses of the common elements are made. Lectures and laboratory.

Agricultural students, second year, spring semester, five hours weekly. For laboratory fees see page 19.

CHEMISTRY A V AND VI. *Agricultural Chemistry.* This is a course treating of the relations of chemistry and agriculture. There is a study of the chemical composition and properties of plants, soils, fertilizers, fungicides, insecticides. Practical laboratory practice will supplement the lectures.

Agricultural students, third year, both semesters, four hours weekly. For laboratory fees see page 19.

Economics.

ECONOMICS. This course is the same as that given in the College, a statement of which appears on page 30.

English.

ENGLISH A I. This course is intended primarily for forestry or agricultural students who can meet all the requirements for admission except English. The direct method is

used. The course includes phonetics, conversation, composition, conversational grammar, outside reading.

Agricultural and forestry students, first year, both semesters, eight to ten hours weekly.

ENGLISH I, II, III, AND IV. These courses are the same as those given in the College, a statement of which appears on pages 31 and 32.

Entomology.

ENTOMOLOGY I AND II. *General Entomology.* Students are required to familiarize themselves with insect anatomy and to be able to recognize important families of insects. Comstock's "A Manual for the Study of Insects" is used as a text. Lectures, recitations, and laboratory practice.

Agricultural and forestry students, second year, spring semester, and third year, autumn semester, four hours weekly. Laboratory fee not over three dollars per semester.

ENTOMOLOGY III. *Economic Entomology.* This consists of a study of the life history and methods of control of injurious insects; it includes the consideration of the general principles of combating injurious insects.

Agricultural students, third year, spring semester, five hours weekly. Laboratory fee not over three dollars.

ENTOMOLOGY V AND VI. *Forest Entomology.* This course deals especially with the life history and control of the insects infesting the forest trees. Prerequisite to it are courses I and II.

Forestry students, third year, spring semester, four hours weekly. Laboratory fee not over three dollars.

Farm Crops.

FARM CROPS I AND II. *General Farm Crops.* These are courses dealing with the classification, characteristics, uses, culture, and improvement of the principal cereal and

forage crops. Reference assignments; lectures, recitations, and laboratory practice.

Agricultural students, second year, both semesters, three hours weekly. Laboratory fee not over three dollars per semester.

FARM CROPS III. *Plant Breeding.* A study of the laws of variation and heredity, of the theory of mutation, and of Mendel's Law, with the application of these to the methods of plant improvement, is the content of this course. Reference assignments, lectures, and recitations, field and laboratory practice.

Agricultural students, fourth year, spring semester, three hours weekly. Laboratory fee not over three dollars.

FARM CROPS IV. *Methods of Experimentation.* This consists in a study of the methods of experimentation with the various farm crops. Reference assignments, lectures, recitations, and field work.

Agricultural students, fourth year, autumn semester, three hours weekly.

Farm Management.

FARM MANAGEMENT. This course deals with farming as a business, with organization and management, with use of capital, income, and labor, with employment of labor and machinery. Warren's "Farm Management" is used as a text. Lectures, recitations, and laboratory work.

Agricultural students, fourth year, autumn semester, three hours weekly. Laboratory fee not over one dollar.

Fish Culture.

FISH CULTURE. This is a general course dealing with the classification, life history, habitat, food, enemies, methods of propagation, and management of the fresh-water animals of importance.

Agricultural students, fourth year, autumn semester, three hours weekly. Laboratory fee not over three dollars.

Forestry.

GENERAL PRINCIPLES OF FORESTRY. This course is designed to acquaint the student with the present status, needs, and problems of forestry in China. Lectures and assigned readings.

Agricultural students, third year, autumn semester, two hours weekly.

Geology.

GEOLOGY I. This course is the same as that given in the College, a statement of which appears on page 34.

Horticulture.

HORTICULTURE. This is a general course dealing with vegetable gardening. It includes a study of methods of cultivation, soil, fertilizers, propagation, planting, insect enemies, diseases, spraying, varieties, harvesting, and marketing of the different vegetables. No regular text-book is used, but there are reference assignments, lectures, recitations, and laboratory practice.

Agricultural students, third year, autumn semester, five hours weekly. Laboratory fee not over three dollars.

Meteorology.

METEOROLOGY. This course includes a study of the general circulation of the atmosphere; of the development, movement, and conditions that attend cyclones, tornadoes, typhoons, monsoons; of weather observations and practical weather forecasting; of weather maps; of the use of meteorological instruments; and of climatology and its relation to agriculture. Reference assignments, lectures, and recitations.

Agricultural and forestry students, second year, autumn semester, two hours weekly.

Physics.

PHYSICS. This course is the same as that given in the High School, a statement of which appears on page 90.

Pomology.

GENERAL POMOLOGY. The course deals with the general principles of fruit and nut culture, including soils, sites, cuttings, layering, budding, grafting, pruning, fertilizers, insects, diseases, spraying, thinning, etc. Lectures, recitations, and field practice.

Agricultural students, fourth year, spring semester, four hours weekly. Laboratory fee not over three dollars.

Poultry Management.

POULTRY MANAGEMENT. This general course includes the principles of poultry breeding, incubation and brooding, feeding, diseases, parasites, sanitation, and poultry farm management. Lectures, recitations, and practice.

Agricultural students, fourth year, spring semester, five hours weekly. Laboratory fee not over three dollars.

Rural Economics.

RURAL ECONOMICS I. *Rural Economics*. The course deals with the general economic problems of agriculture. Economics is a prerequisite course.

Agricultural and forestry students, fourth year, autumn semester, three hours weekly.

RURAL ECONOMICS II. *Rural Social Conditions*. This course deals with the general social conditions and problems of the rural population.

Agricultural students, fourth year, spring semester, three hours weekly.

Soils.

SOILS I AND II. *General Soil Technology.* These two general courses deal with the origin, formation, classification, composition, and the physical, chemical, and biological properties of the soil. Lyon, Fippin, and Buckman, "Soils: their Properties and Management," is the text-book. Lectures, recitations, and laboratory.

Agricultural and forestry students, first year, both semesters, three hours weekly. Laboratory fee not over three dollars a semester.

SOILS III. *Fertilizers and Manures.* This course deals with the different kinds of fertilizers and manures with special reference to their composition, adaptation to the various crops, methods of handling, and relative values. Reference readings will be assigned. Lectures and recitations.

Agricultural students, third year, autumn semester, four hours weekly. Laboratory fee not over three dollars.

SOILS IV. *Irrigation and Drainage.* This course is a general study of the principles and practice of drainage and irrigation, including types of each and their adaptation under various conditions. The field work for this course will be given under Surveying (see page 71). Lectures and recitations.

Agricultural students, fourth year, spring semester, three hours weekly.

SOILS V. *Soil Surveying.* This is a field course in the identification, classification, and mapping of the soils, first of a small area in detail, and later of a large area. Field lectures will supplement the work. Geology I and Soils I are prerequisite courses.

Agricultural students, fourth year, autumn semester, two hours weekly. Laboratory fee not over three dollars.

Surveying.

SURVEYING. This course will consist largely of field work. It includes a review of trigonometry; practice in the use of chains, the level, the transit, and stadia rods; the taking of field notes; the surveying of irregular areas; the drawing of plane and topographic maps; and surveying for drainage ditches, roads, fire lines, etc.

Agricultural and forestry students, first year, spring semester, three hours weekly. Laboratory fee not over three dollars.

Forest Colonization.

FOREST COLONIZATION. This is a study of the underlying principles and problems of forest colonies with particular reference to their establishment, maintenance, and management.

Forestry students, fourth year, autumn semester, two hours weekly.

Forest Finance.

FOREST FINANCE. This is a study of the problems of financing forest projects from the standpoint of national, provincial, corporation, and individual ownership. It includes the principles underlying the determination of values; compound interest and discount; cost of growing timber crops; methods of comparing values and profits; value of land for forest production; value of immature timber.

Forestry students, third year, spring semester, three hours weekly.

Forest Laws.

FOREST LAWS. This consists of a study of the forest laws of different countries including China, with special reference to Chinese conditions.

Forestry students, third year, autumn semester, two hours weekly.

Forest Mensuration.

FOREST MENSURATION. The course deals with the methods of measuring the contents and the growth of trees and stands.

Forestry students, third and fourth years, spring semesters; third year, two hours weekly; fourth year, field work.

Forest Pathology.

FOREST PATHOLOGY. This is a study of the causes, nature, and remedies of destructive diseases of forest trees, particularly those of fungus origin.

Forestry students, fourth year, autumn semester, four hours weekly. Laboratory fee not over three dollars.

Forest Physiography.

FOREST PHYSIOGRAPHY. This course includes a general study of the different forest areas of China and other countries with reference to the physical factors which determine such areas; also a particular study of a definite region with a view to its proper utilization. There is a review of the geography of China.

Forestry students, third year, autumn semester, three hours weekly.

Forest Seeding and Planting.

FOREST SEEDING AND PLANTING. This is a study of the time and methods of collecting tree seeds, their care, fertility, vitality, and cost. It includes the following topics: storage of seeds and time required for germination; broadcast and partial seeding; forest nursery work; tree planting and factors governing success; nurse trees, pure and mixed planting; making planting plans for a particular site; and a report on the germination and early growth of twenty Chinese trees.

Forestry students, third year, autumn semester, three hours weekly.

Forest Utilization.

FOREST UTILIZATION. The course deals with the methods of the utilization of the various forest products, with emphasis on the maintenance of the productivity of the forest.

Forestry students, third year, autumn semester, four hours weekly.

Forest Working Plans.

FOREST WORKING PLANS. The course includes a systematic study of different working plans for afforestation under different conditions, such as partial planting, complete planting, protection of native growth, forest rotation, etc.; also the establishment of nurseries, fire lines, forest roads, etc.

Forestry students, fourth year, autumn semester, four hours weekly. Laboratory fee not over three dollars.

History of Forestry.

HISTORY OF FORESTRY. This is a study of the early forest ordinances in China and other countries; the beginnings and development of technical forestry; government forest administration; forestry education, etc.

Forestry students, third year, spring semester, two hours weekly.

Silvics.

SILVICS I and II. These courses consist of a study of the character and form of forest vegetation as it is determined by such factors as the atmosphere, soil, light, etc. The influence of the site factors on the forest trees is considered; also the development of the tree; height, diameter, volume growth, form, longevity, and reproduction; likewise the evolution of species, varieties, and forms, and their growth characters.

Forestry students, second year, autumn semester, three hours, spring semester, six hours weekly. Laboratory fee not over three dollars.

Wood Preservation.

WOOD PRESERVATION. This is a study of the structural, physical, and chemical properties of wood in relation to durability. Among the topics considered are: causes of decay; factors governing the decay-resisting powers of various species; relation of moisture content to durability; seasoning of wood; preservation of wood by the application of paints, oils, etc., to the surface; theory and methods of impregnation; commercial methods of treating wood; preventing sap-stain; fire-proofing.

Forestry students, fourth year, autumn semester, four hours weekly. Laboratory fee not over three dollars.

Wood Technology.

WOOD TECHNOLOGY. This is a general study of the morphology of the stems of woody plants, including a classification and a study of the mechanical properties of the wood of different forest trees.

Forestry students, third year, spring semester, four hours weekly. Laboratory fee not over three dollars.

Field Work for Agricultural Students.

AGRICULTURAL FIELD WORK. The field work for the agricultural students includes the following garden work: cultivation of the soil, including digging, drainage, fertilizing; preparation of the seed beds; planting of seeds; care of the crops by mulching, weeding, and watering; transplanting; cold frame management; spraying; methods and practice of pruning, grafting, propagation by cuttings; also nursery management.

It also includes the following more strictly farm work: ploughing, harrowing, seeding, cultivation of farm crops, harvesting, care and marketing of crops, orchard culture and management; raising and management of live stock, including horses, cattle, sheep, hogs, poultry, etc.

All field work is applicable to Chinese conditions.

Agricultural students, throughout the four years course, five to ten or more hours per week and such additional practical work as may be required up to one year. Field work fee three dollars per semester.

Field Work for Forestry Students.

FORESTRY FIELD WORK. Part of the field work for forestry students is done on the college lands, part is carried on by means of field trips away from the University, and part is carried on where actual reforestation can be practised. The field work will include the following subjects and operations:—

1. Cultivation of the soil, including digging, drainage, fertilizing, preparation of land for seed beds and nurseries, watering, mulching, etc.
2. Management of nurseries, including preparation of the nursery beds, time and methods of planting seeds, use and kinds of coverings, and general care of seedlings.
3. Collection of tree seeds including identification and value of trees, identification of tree seeds, time of ripening of seeds, methods of collection, values of seeds, and their care after being collected.
4. Pruning, including different methods to be used and time of pruning.
5. Grafting, including a study of the different kinds of grafts and their specific adaptations to practice.
6. Propagation by cuttings, including kinds of cuttings, how and when to make them, and how to plant and care for them.
7. Transplanting seedlings from nursery beds to nursery rows.
8. Transplanting seedlings from nursery to reforestation sites.

Forestry students, throughout the four years course, five to ten or more hours per week; in addition field trips and one semester of field work. Field work fee three dollars per semester, exclusive of fourth year, spring semester, when full tuition will be charged in addition to field work expenses.

THE DEPARTMENT OF MISSIONARY TRAINING.

CALENDAR.

Autumn Semester opened	Friday,	October 15, 1915.
Spring Semester closes	(About)	June 15, 1916.
Autumn Semester opens	Thursday,	October 12, 1916.
Spring Semester closes	(About)	June 15, 1917.

Holidays :—Thanksgiving Day.
Christmas (about ten days).
Chinese New Year (one week).
Easter (one week).

NOTE :—No student will be received after October 20. The system of teaching employed necessitates the strict observance of this rule.

Secretaries of the various Mission Boards are hereby requested to see that prospective matriculates are duly advised of the above calendar. Positively no exceptions will be made.

THE FACULTY.

ARTHUR JOHN BOWEN, B.A., LL.D., President.

JOHN ELIAS WILLIAMS, B.A., D.D., Vice-President.

CHARLES SCULL KEEN, M.A., Dean.

GIA FUH TANG, B.A. (Chinese), Head Chinese Teacher.

WANG YAO TING, B.A. (Chinese), Assistant Head Chinese Teacher.

CHANG I DZI.

DAI DZI GÜN.

DJANG DJEN HSI.

DJEN DJIH HOU.

DJOU WEI HSING.

DWAN DZI YU.

FANG HO GIAI.

GIA SHOU DJI.

GIANG SHOH CHEN.

HU HSIOH TSU.

LIU KIN SWEN.

LUH SHIH TSIU.

LUH TSAI YUEN.

LUNG MEH HSIANG.

SWEN I MOU.

SWEN YEH HAN.

TSÜ DZI CHING.

WAN SIAO YÜN.

WANG DZI GING.

WANG DZI GIU.

WEN HAN CHING.

WU DUNG CHEN.

WU DZI AN.

WU HWEI CHOU.

WU ING HU.

YANG SIN GOU.

THE METHOD.

The direct method is used. Students are taught from the first day to hear correctly the Chinese sounds. Not until the pupil can hear understandingly and can speak correctly does he see the character, much less write it. Lessons are introduced by the Chinese teachers orally. When the student has grasped the sound, tone, and meaning, he is then presented with the lessons in printed or mimeographed form. No characters which the student has not already heard and learned to use are required to be analyzed or written.

Character analysis and writing are always several days behind the work of hearing and speaking. Students are not taught any system of romanization, and are strongly urged not to invent any of their own. After a brief course in Phonetics, Phonetic Transcription (as endorsed by the International Phonetic Association) is introduced. This system is based upon the principle of one symbol, one sound; one sound, one symbol. When mastered, this system has proved very satisfactory, since it is free from arbitrariness and ambiguities.

THE COURSE.

The course covers one academic year of about eight months. No text-books are used. The course comprises one thousand of the most frequently used characters prepared in a series of lessons and printed in the form of stories or other connected discourse.

The first hour of every morning (except Saturdays) is devoted to the presentation of new material by the direct method. Not until students have heard all the characters and have had opportunity to use them in conversation do they receive the new lesson sheets. Special emphasis is placed upon pronunciation.

The second hour is occupied with review of characters already presented. Their uses in different combinations are noted and questions of idiom and construction are discussed.

Opportunity is given each student daily for work with private teachers in separate class rooms. Groups of fewer than ten also converse under the direction of competent teachers.

Three periods a week are devoted to character analysis and writing. Students are expected to be able to take dictation in character. To facilitate this part of the course sheets containing the required characters are provided, showing the order and number of strokes of each. A mnemonic analysis of characters, based upon the Hsioh-Wen, is also used.

Opportunity for speech-making, interpreting, debating, story-telling, and other oral exercises, is given.

Saturday morning is reserved for review work. General written and oral reviews occur about every five weeks.

Study with the Chinese teachers is under constant foreign and Chinese supervision. Moreover, the Chinese teachers receive normal instruction daily.

Students rotate among the teachers, remaining with the same teacher one week. In the following schedule "odd" and "even" refer to numbers assigned to students.

Daily Schedule (1915-1916).

Morning Session.

8:30- 8:45	Chapel Exercises.	
8:45- 9:45	{ Odd } New Material	Room 30
	{ Even }	
9:45-10:15	{ Odd—Review	Room 31
	{ Even—Individual Teachers	
10:15-10:30	Recess.	
10:30-11:00	{ Odd—Individual Teachers	Room 31
	{ Even—Review	
11:00-11:30	{ Odd—Conversation	Sections { A. Room 30
	{ Even—Individual Teachers	{ B. Room 31
		{ C. Room 39
11:30-12:00	{ Odd—Individual Teachers	
	{ Even—Conversation	Sections { A. Room 30
		{ B. Room 31
		{ C. Room 39
12:00- 2:00	Noon Interval.	

Afternoon Session.

2:00- 2:50	{ Odd—Monday, Wednesday, Friday—	} Room 30
	{ Even—Tuesday, Thursday—Miscellaneous Exercises	
2:50- 3:10	Recess.	
3:10- 4:00	{ Odd—	Sections { A. Room 1
		{ B. Room 2
		{ C. Room 4
	{ Even—	Sections { A. Room 21
		{ B. Room 23
		{ C. Room 24

Normal Course for Chinese Teachers.

In order to extend its services to other localities where Mandarin is not the vernacular, it is the plan of the Department of Missionary Training to offer to a limited number of selected Chinese teachers a course of methods in teaching missionaries the Chinese language. This course will begin about the middle of September 1916 and continue one month. Further announcement regarding time, course, fees, etc., will appear in the near future.

FEES.

Tuition	... ..	\$50.00
Teachers, at \$10 per month (8 months)	... ..	80.00
Lesson materials	... ..	10.00
Board (in private homes) at \$4.5 per month.		
Coal \$5 per month extra during four to five months.		

NOTE:—Board includes food, furnished room, and light.
Students will furnish towels and bedding.
Students will also arrange for their own laundry.
The amounts stated are in Chinese currency.

THE HIGH SCHOOL.

THE FACULTY.

ARTHUR JOHN BOWEN, B.A., LL.D., President.
JOHN ELIAS WILLIAMS, B.A., D.D., Vice-President, Religious Instruction.

* WILBUR FISK WILSON, B.A., Principal.
ADELAIDE MAY WIXON, New York State Normal, Acting Principal, English.

WREN CHING TSIANG, B.A., Proctor.
AMASA ARCHIBALD BULLOCK, M.S., Education.
CHANG HSIANG SHU, B.A. (Chinese), Chinese Essays.
CHANG SHEO WREN, B.A. (Chinese), Mathematics.

PAK HOO CHEN, M.A., Civics, Economics, English.
HU HSING WU, B.A. (Chinese), Chinese Literature, Shu Ching and Tso Chuan.

* WILLIAM FREDERICK HUMMEL, Ph.B., Religious Instruction.
† HUNG CHANG, B.A., Mathematics.
† HSÜ YANG HO, B.A. (Chinese), Tso Chuan, Chinese History and Literature.

ZAUNG TEH ING, M.A., Biology, History, Nature Study.

† LI CHIEN TAN, B.A. (Chinese), Chinese History.

LIU CHING CHEN, B.A., English, Religious Instruction.

LIU CHING FU, B.A., Religious Instruction, English.

WILLIAM EDWARD MACKLIN, M.B., M.C.P.S.O., Physiology and Hygiene.

ARTHUR WESLEY MARTIN, Ph.D., Chemistry.

NIELS OSTERGAARD, Field Work.

JOHN HENRY REISNER, M.S.A., Agronomy.

HARVEY CURTIS ROYS, B.S., Physics and Physical Geography.

YING-HSUAN HSUWEN TSOU, M.S., Nature Study.

‡ TSÜ TSEH LING, B.A., Chinese History and Literature.

WU SHEO TAO, B.A., Religious Instruction.

* On furlough. † Autumn semester. ‡ Spring semester.

THE HIGH SCHOOL.

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GENERAL STATEMENT.

Admission to the High School is granted to students who, on examination, show that they have completed work equivalent to the University Middle School course. Recitation periods in the High School are fifty-five minutes in length. On the satisfactory completion of the High School course students receive certificates of graduation.

FEES.

See page 19.

COURSES OF STUDY.

<i>Autumn Semester.</i>		<i>Spring Semester.</i>	
FIRST YEAR.			
Hours.		Hours.	
Religious Instruction I or II ...	2	Religious Instruction II or I ...	2
Chinese I ...	6	Chinese II ...	6
English I or III ...	5	English III or I ...	5
English II or IV ...	5	English IV or II ...	5
Algebra I or II ...	4	Algebra II or I ...	4
SECOND YEAR.			
Religious Instruction III or IV ...	2	Religious Instruction IV or III ...	2
Chinese III ...	6	Chinese IV ...	6
English V or VII ...	5	English VII or V ...	5
English VI or VIII ...	5	English VIII or VI ...	5
Commercial Geography I ...	2	Commercial Geography II ...	2
THIRD YEAR.			
Religious Instruction V or VI ...	2	Religious Instruction VI or V ...	2
Chinese V ...	6	Chinese VI ...	6
General History I or II ...	4	General History II or I ...	4
Geometry ...	3	Geometry ...	3
Economics ...	2	Civics ...	2
English IX (General Science) ...	5	Biology ...	5
FOURTH YEAR.			
Religious Instruction VII or VIII ...	2	Religious Instruction VIII or VII ...	2
Chinese VII ...	6	Chinese VIII ...	6
Business ...	4	Pedagogy ...	4
Physical Geography ...	5	Physiology and Hygiene ...	5
Physics ...	5	Physics ...	5

After completing the first two years, or their equivalent, students may substitute one of the three groups which follow.

GROUP I. NORMAL TRAINING.

*Autumn Semester.**Spring Semester.*

THIRD YEAR.

Hours.	Hours.
Religious Instruction V or VI 2	Religious Instruction VI or V 2
Chinese V 6	Chinese VI 6
General History I or II ... 4	General History II or I ... 4
Geometry I or II 3	Geometry II or I 3
Economics 2	Civics 2
History of Education ... 4	Educational Psychology ... 4
Industries 2	Industries 2

FOURTH YEAR.

Religious Instruction VII or VIII 2	Religious Instruction VIII or VII 2
Chinese VII 6	Chinese VIII 6
Physical Geography... .. 5	Physiology and Hygiene ... 5
Educational Methods ... 4	School Management ... 4
Practice Teaching 2	Practice Teaching 2

GROUP II. BUSINESS.

THIRD YEAR.

Hours.	Hours.
Religious Instruction V or VI 2	Religious Instruction VI or V 2
Chinese V 6	Chinese VI 6
General History I or II ... 4	General History II or I ... 4
Geometry 3	Geometry 3
Economics 2	Civics 2
Business Arithmetic 4	Book-keeping 4

FOURTH YEAR.

Religious Instruction VII or VIII 2	Religious Instruction VIII or VII 2
Chinese VII 6	Chinese VIII 6
Business Forms and Correspondence 4	Business Law 4
Physical Geography... .. 5	Physiology and Hygiene ... 5
Physics 5	Physics 5

GROUP III. PREPARATORY FOR COLLEGE OF AGRICULTURE AND FORESTRY.

THIRD YEAR.

Hours.	Hours.
Religious Instruction V or VI 2	Religious Instruction VI or V 2
Chinese V 4	Chinese VI 4
General History I or II ... 4	General History II or I ... 4
Geometry 3	Geometry 3
Economics 2	Civics 2
Physics... .. 5	Physics 5
Nature Study 4	Nature Study 4
Field Work 2	Field Work 2

FOURTH YEAR.

Religious Instruction VII or VIII 2	Religious Instruction VIII or VII 2
Chinese VII 6	Chinese VIII 6
Physical Geography... .. 5	Physiology and Hygiene ... 5
Chemistry 4	Chemistry 4
Agronomy 4	Agronomy 4
Field Work 2	Field Work 2

DESCRIPTION OF COURSES.

Agronomy.

AGRONOMY. This is an elementary course in soils, including a study of the products of the farm and garden. Laboratory practice and field trips are included.

Fourth year, preparatory course for College of Agriculture and Forestry both semesters, four hours weekly. Laboratory fee not over three dollars per term.

Biology.

ELEMENTARY BOTANY. In this course the study of the text-book is accompanied by laboratory work. Recitations occupy two hours a week, and laboratory work two hours a week. Some outdoor work forms a part of the course.

Third year, first half of spring semester, five hours weekly. Laboratory fee, three dollars.

ELEMENTARY ZOOLOGY. Recitations and demonstrations two hours a week and laboratory work two hours a week. Field trips will be made to near-by points of interest. A laboratory fee of three dollars will be charged in this course.

Third year, second half of spring semester, five hours weekly.

PHYSIOLOGY AND HYGIENE. This course is elementary in nature and is intended as a general study of the structures and functions of the human organs, in order that the essential ideas of the science of life and laws of health may be applied to daily life.

Fourth year, spring semester, five hours weekly. Laboratory fee, three dollars.

*Business Courses.

BUSINESS ARITHMETIC. Students taking this course are supposed to have become thoroughly acquainted with the elementary principles of arithmetic, although a general and rapid review of the fundamental processes will be given at the beginning. The aim of the course is to give to the students an effective tool for rapid and accurate calculation.

Third year, autumn semester, four hours weekly.

BOOK-KEEPING. This course is designed to give to the students a working knowledge of the essential forms and principles which underlie the modern methods of single and double entry book-keeping.

Third year, spring semester, four hours weekly.

BUSINESS FORMS AND CORRESPONDENCE. Students will study in this course how to use intelligently such instruments of business as receipts, notes, drafts, cheques, invoices, bills of lading, transfers, and other trade papers. Time will also be devoted to commercial letter writing.

Fourth year, autumn semester, four hours weekly.

* These courses will be offered in 1916-17.

BUSINESS LAW. The leading principles of mercantile and commercial law, and especially those now in effect in China, will be treated in a simple way, with concrete examples and practical problems as to how such principles are actually applied to business transactions.

Fourth year, spring semester, four hours weekly.

Chemistry.

ELEMENTARY CHEMISTRY. A general course in elementary chemistry is given, the text-book being "An Elementary Study of Chemistry," by McPherson and Henderson.

Fourth year, preparatory course for College of Agriculture and Forestry, both semesters, four hours weekly. Laboratory fee, five dollars per semester; deposit for key to laboratory desk, fifty cents.

Chinese.

CHINESE I. (1) *Kwoh Wen.* The course includes the reading of masterpieces of the Tsing Dynasty, the emphasis being laid on those of a descriptive character. The students are required to hand in a letter a week. (2) *History of the Sung, Yuen, and Ming Dynasties.* This is taught after the modern method; maps are used and dates are given in terms of the Christian era.

First year, autumn semester, (1) *Kwoh Wen* four hours weekly, (2) *History* two hours weekly.

CHINESE II. (1) *Kwoh Wen.* This course includes the reading of masterpieces of the Ming Dynasty and the writing of letters. (2) *History of the Tsing Dynasty.*

First year, spring semester, (1) *Kwoh Wen* four hours weekly, (2) *History* two hours weekly.

CHINESE III. (1) *Kwoh Wen.* Masterpieces of the Tang and Sung Dynasties are read. Students learn to write public documents such as petitions and the like. (2) *Selections from Lun Meng.*

Second year, autumn semester, (1) *Kwoh Wen* four hours weekly, (2) *Lun Meng* two hours weekly.

CHINESE IV. (1) *Kwoh Wen*. This course continues Chinese III, emphasis being given to "San Su Tsai." There is continued practice in the writing of public documents. (2) *History of East Asia*.

Second year, spring semester, (1) *Kwoh Wen* four hours weekly, (2) *History* two hours weekly.

CHINESE V. (1) *Kwoh Wen*. This includes reading of works of the Tsing and Han Dynasties—"Kwoh Yü" and "Chang Kwoh Tsai"—and also essay writing, the subjects being taken preferably from current events. (2) *Shioh Wen*. This is an elementary course—the evolution of Chinese characters.

Third year, autumn semester, (1) *Kwoh Wen* four hours weekly, (2) *Shioh Wen* two hours weekly.

CHINESE VI. (1) *Kwoh Wen*. This is a continuation of Chinese V. (2) *Selections from the Shi King*.

Third year, spring semester, (1) *Kwoh Wen* four hours weekly, (2) *Shi King* two hours weekly.

CHINESE VII. (1) *Kwoh Wen*. This course includes the study of "Tsoh Chuen." (2) *Essay writing*. Two pieces are required each week.

Fourth year, autumn semester, (1) *Kwoh Wen* four hours weekly, (2) *Essay writing* two hours weekly.

CHINESE VIII. (1) *Kwoh Wen*. In this course there is a study of "Shioh Yung." (2) *Essay writing*.

Fourth year, spring semester, (1) *Kwoh Wen* four hours weekly, (2) *Essay writing* two hours weekly.

Civics.

CIVICS. This course is designed to enable students to study systematically the origin and development of the central and provincial governments of China, both past and present,

and to compare in a general way the systems of government of several other nations.

Third year, spring semester, two hours weekly.

Economics.

ECONOMICS. This is an elementary study of the essential principles which govern wealth getting and wealth using. Introductory lessons are given on such topics as money, banking, taxation, and insurance.

Third year, autumn semester, two hours weekly.

English.*

ENGLISH I. *Advanced Grammar and Composition*. This course gives a general review of grammar with written exercises to illustrate the uses of the grammatical principles. Emerson and Bender's Book III, part III, is the text-book used.

First year, repeated each semester, five hours weekly.

ENGLISH II. *Conversation and Idiomatic Composition*. Special emphasis is given to articulation and correct pronunciation. The English selections used as the basis for this course are those giving general information and those to which frequent allusions are made in literature and daily life.

First year, repeated each semester, five hours weekly.

ENGLISH III. *Advanced Grammar and Composition*. This is a continuation of English I, and the text-book, Emerson and Bender's Book III, part III, is completed.

First year, repeated each semester, five hours weekly.

ENGLISH IV. *Conversation and Idiomatic Composition*. This is a continuation of English II. Selections from

* In the third and fourth years, English text-books are used in every subject except Chinese and Religious Instruction. In addition, a course in newspaper reading is given.

Dickens, George Eliot, Irving, Hawthorne, Scott, and Hughes are used.

First year, repeated each semester, five hours weekly.

ENGLISH V. *English Composition and Rhetoric*. This is a course in oral and written composition, dealing mainly with the writing of descriptions. Maxwell and Smith's "Writing in English" is the text-book used.

Second year, repeated each semester, five hours weekly.

ENGLISH VI. *English Literature*. The aim of this course is to introduce the student to some of the best American and English authors and their works.

Second year, repeated each semester, five hours weekly.

ENGLISH VII. *English Composition and Rhetoric*. This is a continuation of English V. Narration receives emphasis but exposition and argumentation are also included in the course. The text-book, Maxwell and Smith's "Writing in English," is completed.

Second year, repeated each semester, five hours weekly.

ENGLISH VIII. *English Literature*. This course is a continuation of English VI.

Second year, repeated each semester, five hours weekly.

ENGLISH IX. *English Literature*. The purpose of this course is to combine the study of English with that of introductory science so as to arouse an interest in the higher sciences which follow. The text-book used is Caldwell and Eikenberry's "General Science."

Third year, autumn semester, five hours weekly.

Field Work.

FIELD WORK. This course is similar in scope to, but more elementary than, the field work for the students of the College of Agriculture and Forestry. See page 74.

Third and fourth years, preparatory course for College of Agriculture and Forestry, both semesters, two hours weekly.

Geography.

COMMERCIAL GEOGRAPHY I and II. These courses deal with the fundamental conditions underlying industry and commerce. The natural resources of the different countries are studied with special emphasis upon those of China.

Second year, running through both semesters, two hours weekly.

PHYSICAL GEOGRAPHY. This is an elementary course covering the ground of standard high school work in the subject. It gives mainly general physiographical information, furnishes an introduction to the science, and lays emphasis on the relation between man and his physical environment. Topographic maps and such field work as proves possible are used as the basis for the laboratory work. Text-book: "Modern Geography," by Salisbury, Barrows, and Tower.

Fourth year, autumn semester, five hours weekly.

History.

GENERAL HISTORY I and II. The method used is one of topical study. Readings are assigned for library work, map drawing, and the study of sources.

Third year, each course being repeated each semester, four hours weekly.

Mathematics.

ALGEBRA I and II. These courses are intended for students who have not previously studied algebra. The text-book is in Chinese, but English equivalents of the important algebraic terms and expressions are given.

First year, each course being repeated each semester, four hours weekly.

GEOMETRY I and II. These courses consist of a minimum number of the most fundamental formal proofs as models, and a maximum number of unsolved problems as exercises

in construction and computation. A Chinese text is used but the student will be taught and required to know in English all the terms and expressions studied.

Third year, each course being repeated each semester, three hours weekly.

Nature Study.

NATURE STUDY. This course, consisting of lectures supplemented by field trips for observation and study, is designed to acquaint the students with their natural environment.

Third year, preparatory course for College of Agriculture and Forestry, both semesters, four hours weekly.

Physics.

PHYSICS I. *Elementary Physics.* This is a combined laboratory and recitation course, the laboratory "how" preceding the text-book "why." The course covers heat and the mechanics of solids and fluids, the apparently disconnected facts of these subjects being grouped about the kinetic theory and the work principle. The text-books are Millikan and Gale's "Physics" and Millikan, Gale, and Bishop's "Laboratory Physics."

Open to students who have finished algebra and who have taken or are taking geometry. The course is repeated each semester, and counts as five hours weekly. Laboratory fee, three dollars.

PHYSICS II. *Elementary Physics.* This course continues the method of Physics I, and covers magnetism, electricity, sound, and light. The text-books are Millikan and Gale's "Physics" and Millikan, Gale, and Bishop's "Laboratory Physics."

Open to students who have completed Physics I. The course is repeated each semester, and counts as five hours weekly. Laboratory fee, three dollars.

Religious Instruction.

RELIGIOUS INSTRUCTION I and II. *Life of Christ.* The aim of these courses is to present an orderly account of the events in the life of Christ, such as may serve as a basis for further study. The courses are given in Chinese, the text-books being H. W. Luce's translations of Stevens and Burton's "Harmony of the Gospels" and of Burton and Mathews' "Life of Christ."

First year, each course being repeated each semester, two hours weekly.

RELIGIOUS INSTRUCTION III and IV. *Life of Christ.* These courses are a continuation of Religious Instruction I and II, with use of the same text-books.

Second year, each course being repeated each semester, two hours weekly; prerequisite, Religious Instruction I and II.

RELIGIOUS INSTRUCTION V and VI. *The Apostolic Age and the Epistles.* These courses aim to fix in the mind of the student the order of events in the early church, including Paul's journeys and the Epistles in their historic connections. H. W. Luce's translation of Burton's "Records and Letters of the Apostolic Age" and H. L. Zia's translation of Bosworth's "Studies in the Acts and Epistles" are used as text-books, the courses being given in Chinese.

Third year, each course being repeated each semester, two hours weekly; prerequisites, Religious Instruction I, II, III, and IV.

RELIGIOUS INSTRUCTION VII and VIII. *The Apostolic Age and the Epistles.* These courses are a continuation of Religious Instruction VI, with use of the same text-books.

Fourth year, each course being repeated each semester, two hours weekly; prerequisites, Religious Instruction I to VI.

THE MIDDLE SCHOOL

THE FACULTY

- ARTHUR JOHN BOWEN, B.A., LL.D., President.
 JOHN ELIAS WILLIAMS, B.A., D.D., Vice-President.
 CHARLES SPURGEON SETTLEMYER, M.A., Principal.
 TSAO KUEN HWA, B.A., Proctor.
 CHEN SHUI I, B.A. (Chinese), Mathematics, Science, and Religious Instruction.
 DZEH SHAO CHEN, B.A. (Chinese), Chinese Writing and Composition.
 † LI CHIEN TAN, B.A. (Chinese), Chinese History.
 LI SHU SHEN, B.A., English and Mathematics.
 LING TSÜEN, B.A., English, Science, and Religious Instruction.
 LIU CHUNG LUH, B.A., Chinese Literature.
 EDNA GRACE TAYLOR, Ph. B., English.
 † TSÜ TSEH LING, B.A., Chinese History and Literature.
 WANG SIU GIH, B.A., Chinese, Mathematics, and Religious Instruction.
 WU PEH KUEI, B.A., English.
 WU TSAI TZI, Chinese Composition.
 WU YA PEH, B.A. (Chinese), Chinese, Mathematics, Science.

† Autumn semester.

‡ Spring semester.

FEES.

See page 19.

THE MIDDLE SCHOOL.

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COURSES OF STUDY.

				Hours.
1 A.				
National Reader, Higher Elementary, No. 1	4
Chinese History, " "	No. 1	1
Chinese Composition	No. 1 (first half)	...	...	2
" "	Discussion	...	...	3
Penmanship	...	...	...	2
Arithmetic	...	...	...	5
Geography, China	...	...	...	5
Bible, Mark (Y. M. C. A.), (first half)	...	...	...	5
English, Gage	...	...	...	12
Nature Study (Commercial Press), (first half)	...	...	...	5
Manual Training	...	...	...	10
1 B.				
National Reader, Higher Elementary, No. 2	...	...	...	4
Chinese History, " "	No. 2	...	...	1
Chinese Composition,	No. 1 (second half)	...	...	2
" "	Discussion	...	...	3
Penmanship	...	...	...	2
Arithmetic	...	...	...	5
Geography, World	...	...	...	5
Bible, Mark (Y. M. C. A.), (second half)	...	...	...	5
English, Gage	...	...	...	12
Nature Study (Commercial Press), (second half)	...	...	...	5
Manual Training	...	...	...	10
2 A.				
National Reader, Higher Elementary, No. 3	...	...	...	4
Chinese History, " "	No. 3	...	...	1
Chinese Composition,	No. 2 (first half)	...	...	2
" "	Discussion	...	...	3
Penmanship	...	...	...	2
Arithmetic	...	...	...	5
Bible, Old Testament History, 12 Lessons...	...	...	...	3
English, Gage	...	...	...	10
Science, Elementary	...	...	...	2
2 B.				
National Reader, Higher Elementary, No. 4	...	...	...	4
Chinese History, " "	No. 4	...	...	1
Chinese Composition	No. 2 (second half)	...	...	2
" "	Discussion	...	...	3
Penmanship	...	...	...	2
Arithmetic	...	...	...	5
Bible, Old Testament History, 12 Lessons...	...	...	...	3
English, Gage	...	...	...	10
Science, Elementary	...	...	...	2

3 A.				Hours.
National Reader, Higher Elementary, No. 5	...	...	...	4
Chinese History, " " No. 5	...	...	...	1
Chinese Composition, No. 3 (first half)	...	...	...	2
" " Discussion	...	...	...	3
Penmanship	...	...	...	2
Arithmetic	...	...	...	5
Bible, Old Testament, 12 Lessons	...	...	...	3
Science, Hygiene (first half)	...	...	...	2
English, Gage	...	...	...	10
3 B.				
National Reader, Higher Elementary, No. 6	...	...	...	4
Chinese History, " " No. 6	...	...	...	1
Chinese Composition, No. 3 (second half)	...	...	...	2
" " Discussion	...	...	...	3
Penmanship	...	...	...	2
Arithmetic	...	...	...	5
Bible, Old Testament, 12 Lessons	...	...	...	3
Science, Hygiene (second half)	...	...	...	2
English	...	...	...	10
4 A.				
Modern Authors	...	...	...	4
History of China, Middle School, to Dzing	...	...	...	2
Composition, Narration, Discussion	...	...	...	3
Penmanship	...	...	...	2
Arithmetic, Advanced	...	...	...	5
Bible, Apostolic History (first half)	...	...	...	3
Geography, World, Hawkins...	...	...	...	2
English	...	...	...	10
4 B.				
Modern Authors	...	...	...	4
History of China, Middle School, South and North Dynasties	...	...	...	2
Composition, Narration, Discussion	...	...	...	3
Penmanship	...	...	...	2
Arithmetic, Advanced	...	...	...	5
Bible, Apostolic History (second half)	...	...	...	3
Geography, World, Hawkins...	...	...	...	2
English	...	...	...	10

REGISTER OF STUDENTS

THE COLLEGE

Graduates, June 1915.

Chang Chi Yih	...	...	Hsiulinhsien, Anhwei.
Chen Chuen Ho	...	...	Nanking, Kiangsu.
Cheng Yü Gwan	...	...	" "
Cheo Teh Hsi	...	...	" "
Kung Tsen	...	...	Pukow, "
Liu Chün	...	...	Nanking, "
Liu Tsung Luh	...	...	Paoying, "
Tsü Ying Ho	...	...	Nanking, "
Wang Chwen Yung	...	...	" "

Seniors.

Hu Hsioh Yuen	...	...	Anking, Anhwei.
Li Chen Hwang	...	...	Chinkiang, Kiangsu.
Ren Ying Chong	...	...	Nanking, "
Tewksbury, M. Gardner	...	...	Peking, Chihli.
Tung Chi Tao	...	...	Ningkwofu, Anhwei.
Woo Tung Choh	...	...	Chinghsien, "

Juniors.

Cheo Chi Kao	...	...	Nanking, Kiangsu.
Hung Yu Feng	...	...	Tsihsien, Anhwei.
Li Wei Nong	...	...	Nanking, Kiangsu.

Sophomores.

Chang Fang	...	...	Nanking, Kiangsu.
Chen Chang	...	...	Kianglingchen, Kiangsu.
Chen Chi Hwa	...	...	Canton, Kwangtung.
Chen Ching Cheo	...	...	Nanking, Kiangsu.
Chen Chung Shun...	...	...	Yungchiahsien, Chekiang.
Chen Tao Lung	...	...	Nanfenghsien, Kiangsu.
Choh Ching Chang	...	...	Chinkiang, "
Chu Chia Chi	...	...	Hsiehsien, Anhwei.

Fang Chen Chuin ...	...	...	Nanking, Kiangsu.
Liu Nai Ching ...	...	...	Chaohsien, Anhwei.
Sung Ru Hai ...	...	...	Anking, Anhwei.
Tsu Rwen Dziang ...	...	...	Lanhsih sien, Chekiang.
Tsui Tsiang Chi ...	...	...	Wuhu, Anhwei.
Yü Li Chi ...	...	...	Laian, ,,

Freshmen.

Chang Li Chao ...	...	...	Ningkwofu, Anhwei.
Chang Shao Chi ...	...	...	Suilinhsien, Szechwan.
Cheo Shui Chang ...	...	...	Nanking, Kiangsu.
Chu Tiao Swen ...	...	...	" "
Hwang Ren Chieh ...	...	...	Pinshanhsien, Szechwan.
Kiang Hung Chi ...	...	...	Nanchang, Kiangsi.
Ko Ta Yung ...	...	...	Pahsien, Szechwan.
Li Hung Teh ...	...	...	Nanking, Kiangsu.
Ling Hsiu Tung ...	...	...	Chinkiang, ,,
Ling Tsong Yu ...	...	...	Shanghai, ,,
Seng Chin Tsu ...	...	...	Haimenhsien, ,,
Soh Pyeng Ho ...	...	...	Hwanghaitao, Korea.
Tang Shao Chung ...	...	...	Nanking, Kiangsu.
Tsao Shih Ching ...	...	...	Foochow, Fokien.
Wang Ching Kung ...	...	...	Nanking, Kiangsu.
Wang Sih Han ...	...	...	" "
Wang Tiao Tang ...	...	...	Foochow, Fokien.
Wei Tsung Kua ...	...	...	Shanghai, Kiangsu.
Yu Dwen Ho ...	...	...	Laian, Anhwei.

THE MEDICAL SCHOOL

Advanced Class.

Chang Fang I ...	...	...	Tientai, Chekiang.
Chen Hwai Ren ...	...	...	Yienchow, ,,
Chen Teh Hwai ...	...	...	Tientai, ,,
Chien Chi Suen ...	...	...	Nanking, Kiangsu.
Li Shu Hwa ...	...	...	Changteh, Hunan.
Ni Luen Yuen ...	...	...	Dehching, Chekiang.
Shen Tsai ...	...	...	Wuchow, ,,

Sie Shi Hwei ...	...	...	Siangtan, Hunan.
Sie Wei Ren ...	...	...	Luhoh, Kiangsu.
Sung Teh Tsuen ...	...	...	Wuhu, Anhwei.
Wang Yuen Ling ...	...	...	Hangchow, Chekiang.
Wu Chi Yong ...	...	...	Changchow, Kiangsu.

Preparatory Class.

Chang Sing Bei ...	...	...	Hangchow, Chekiang.
Chen Dao Seng ...	...	...	Tsienshan, Anhwei.
Chen Dzeh Foo ...	...	...	Ningpo, Chekiang.
Cheo Deh Ming ...	...	...	Wenchow, ,,
Chih Seng Yung ...	...	...	Ningpo, ,,
Choh King Tai ...	...	...	Kwangchow, Kwangtung.
Dzen Foh En ...	...	...	Hangchow, Chekiang.
Dzen Yoh Ling ...	...	...	Kiangyin, Kiangsu.
Hou Bao Shing ...	...	...	Chaohsien, Anhwei.
Kao Ching Lang ...	...	...	Shaoshing, Chekiang.
Ku Pu Chuan ...	...	...	Ningpo, ,,
Ma Sih Fu ...	...	...	Shaoshing, ,,
Ma Wei Kang ...	...	...	" "
Ren Ting Kwei ...	...	...	Nanking, Kiangsu.
Shih Shin Seng ...	...	...	Shanghai, ,,
Song Yuen Ling ...	...	...	Chingkiangpu, Kiangsu.
Ting Lih Dzung ...	...	...	Ningpo, Chekiang.
Tsai Tsang Ding ...	...	...	" "
Wang Shie Kwei ...	...	...	Wuhu, Anhwei.
Wang Yu Chang ...	...	...	Hanshan, Anhwei.
Wu Cheng Sheo ...	...	...	Shihchien, ,,
Wu Yoh Weng ...	...	...	Singdzeng, Chekiang.
Yang Shi Ming ...	...	...	Nanking, Kiangsu.
Yao Wen Tsai ...	...	...	Shehsien, Anhwei.
Yeh Hsi Hwa ...	...	...	Kinhwa, Chekiang.
Ying Yuan Yoh ...	...	...	Ningpo, ,,

THE SCHOOL OF NORMAL TRAINING.

Chang Chong Han	Wuhsien, Kiangsu.
Chang Ming Hsien	Nanking, "
Ching Ching Chu	Puchen, "
Chow Chang Lee	Taishing, "
Chow Tsuin	Nanking, "
Hu Pei Chia... ..	Tsihsi, Anhwei.
Hwang Hsing Teh	Hohfei, "
Ku Teh Yuen	Nanking, Kiangsu.
Liu Pei Chi	Tsuentsiao, Anhwei.
Liu Shao Chiu	Nanking, Kiangsu.
Liu Tsung Li	" "
Pao Han	Hanh sien, Kiangsu.
Shun Twun Li	Shanyü, Chekiang.
Tai Ming Sing	Luhö, Kiangsu.
Tang Wen Ming	Hohfei, Anhwei,
Ting Lih Sung	Pukow, Kiangsu.
Tsiang Hsi Hou	Nanking, "
Tsiang Hsi Shun	" "
Tsiang Shao Tsü	Yangchow, "
Tung San Tsai	Chichwun, Hupeh.
Wu Ching Sing	Tsingkiang, Fukien.
Wu Ping Kwun	Nanking, Kiangsu.
Yang Chi Chien	Tungan, Fukien.
Yang Teh Feng	

THE COLLEGE OF AGRICULTURE AND FORESTRY.

AGRICULTURAL STUDENTS.

Class of 1918.

Chao Chung Ting	Peking, Chihli.
Chen Chung	Chiensan, Kiangsi.
Chow Ming I	Nantungchow, Kiangsu.
Hsu Chen	Ishing, Kiangsu.
Li Tsih Hsing	Hangchow, Chekiang.
Pan J. Chien	Wuhsien, Kiangsu.
Yeh Yuen Ting	Chinhai, Chekiang.

Class of 1919.

Chan Kwang Shun	Nanghai, Kwangtung.
Djao Pu Wen	Wusih, Kiangsu.
Hwang Tien Yu	Putien, Fukien.
Li Tsing Kong	Wuhsien, Kiangsu.
She Teh Shee	Wuhsien, "
Shi Gia Dzung	Ningpo, Chekiang.

FORESTRY STUDENTS.

Chang Chuan Ching	Kashing, Chekiang.
Chang Fah Chung	Hwanghsien, Shantung.
Chang Hung Shen	Feicheng, "
Chang Kwei Sien	Anyang, Honan.
Chang Shu Swen	Tungling, Anhwei.
Chang Tung Wu	Haimen, Kiangsu.
Chang Wei Chen	Kashing, Chekiang.
Chen Gia Hung	Tientsin, Chihli.
Chen Ying Yuen	Kashing, Chekiang.
Chow Wei Fau	Kiangtsing, Szechwan.
Chu Shi Fan	Pinghu, Chekiang.
Chu Zee	Kashing, "
Chuan Shu Shi	Paoping, Kwangtung.
Dung Nai Ken	Changting, Fukien.
Fang I Chong	Kwangshan, Honan.
Ho Yuen Hsi	Yuyao, Chekiang.
Hong Chang Jing	Anking, Anhwei.
Hsu Hwai	Yingchow, "
Hwang Chung	Hwangchow, Honan.
Kao Ping Fang	Polshan, Shantung.
Ken Choh Ling	Tsinghsien, Chihli.
Lan Pao Liu	Tantu, Kiangsu.
Li Dai Fang	Tsihmoh, Shantung.
Li Shun Ching	Hailsien, "
Li Yien Tseh	Tsingping, "
Liu Chao Li	Chowchih, Shensi.
Liu Pei Chang	Hohsien, Anhwei.
Pan Hsiö Tsan	Hwailing, "
Pan Wen Fuh	Hohsien, "

Pen Ko Chung	...	...	Kwanshan, Honan.
Shao Shjoh Chang	...	...	Szechwan.
Shen I Chen	...	...	Kading, Kiangsu.
Soo Shao Chang	...	...	Taiping, Anhwei.
Sun Tung Chang	...	...	Kiaoho, Chihli.
Tai Shu Chien	...	...	Yungchuan, Szechwan.
Tai Tsung Yuen	...	...	Tienchang, Anhwei.
Tang Tsai Kwen	...	...	Pinghu, Chekiang.
Tang Urh King	...	...	Tsunyi, Kweichow.
Tang Yuin Ling	...	...	Lohshan, Szechwan.
Tsui Keh San	...	...	Sanhohsien, Chihli.
Wang Tung Yoh	...	...	Liaochen, Shantung.
Wong Sze Tau	...	...	Fenghwa, Chekiang.
Wu Djoh Ming	...	...	Ningkwofu, Anhwei.
Yang Kwei	...	...	Chienchow, Yunnan.
Yu Chi Lien	...	...	Shanchen, Honan.

DEPARTMENT OF MISSIONARY TRAINING.

Barcus, Mr. O. F.	...	...	Tungchow, Kiangsu.
Bliss, Dr. Theodore	...	...	Anking, Anhwei.
Bliss, Mrs. T.	...	...	Anking, Anhwei.
Blunden, Mr. H. M.	...	...	Shanghai, Kiangsu.
Brittain, Miss R. M.	...	...	Nanking, Kiangsu.
Brown, Mr. R. J.	...	...	Hankow, Hupeh.
Collins, Miss L. B.	...	...	Luchowfu, Anhwei.
Craighill, Mr. L. R.	...	...	Anking, Anhwei.
Davenport, Mr. D. E.	...	...	Hankow, Hupeh.
Davis, Mr. C. H.	...	...
Day, Mr. C. B.	...	...	Ningpo, Chekiang.
Dieterich, Mr. T. W.	...	...
Fay, Mr. H. V. V.	...	...
Fredericks, Miss Edith	...	...	Kiukiang, Kiangsi.
French, Miss H. M.	...	...
Gardner, Miss M. W.	...	...	Nanhsuchou, Anhwei.
Garrett, Mrs. F.	...	...	Nanking, Kiangsu.
GlascocK, Mr. C. F.	...	...
Hale, Mr. L. L.	...	...	Wuhu, Anhwei.

Hale, Mrs. L. L.	...	...	Wuhu, Anhwei.
Hill, Miss V. C.	...	...	Ningpo, Chekiang.
Hoose, Mr. E. A.	...	...	Kiukiang, Kiangsi.
Hoose, Mrs. E. A.	...	...	Kiukiang, Kiangsi.
James, Mr. E. H.	...	...
James, Mrs. E. H.	...	...
Johannaber, Mr. C. F.	...	...	Kiukiang, Kiangsi.
Johannaber, Mrs. C. F.	...	...	Kiukiang, Kiangsi.
Lehman, Mr. A. E.	...	...	Hunan.
Lehman, Mrs. A. E.	...	...	Hunan.
McCallum, Miss E. B.	...	...	Nanking, Kiangsu.
McIntosh, Miss E. W.	...	...	Kaifeng, Honan.
McMullen, Miss N. J.	...	...	Hangchow, Chekiang.
Moss, Mr. L. B.	...	...	Nanking, Kiangsu.
Moss, Mrs. L. B.	...	...	Nanking, Kiangsu.
Newman, Dr. H. W.	...	...
Price, Dr. R. B.	...	...	Taichow, Chekiang.
Price, Mrs. R. B.	...	...	Taichow, Chekiang.
Saboe, Miss Minnie	...	...	Kwangchow, Honan.
Sassen, Dr. Augusta A.	...	...	Changsha, Hunan.
Shoemaker, Miss E. G.	...	...	Huchow, Chekiang.
Sloan, Mrs. T. D.	...	...	Nanking, Kiangsu.
Small, Mrs. A. G.	...	...	Nanking, Kiangsu.
Stewart, Mrs. W. R.	...	...	Nanking, Kiangsu.
Thompson, Miss M. B.	...	...	Nanchang, Kiangsi.
van Hook, Miss L. M.	...	...	Shaohsing, Chekiang.
Wells, Miss L. P.	...	...	Nanking, Kiangsu.
Wheeler, Mr. W. R.	...	...	Hangchow, Chekiang.
Wheeler, Mrs. W. R.	...	...	Hangchow, Chekiang.
Wilkiuson, Miss Wenona	...	...	Luchowfu, Anhwei.
Wiltsie, Dr. J. W.	...	...	Nanhsuchou, Anhwei.
Wiltsie, Mrs. J. W.	...	...	Nanhsuchou, Anhwei.

THE HIGH SCHOOL.

Graduates, June 1915.

Chang Sheng Tao	Nanking, Kiangsu.
Chen Ching Cheo	" "
Cheo Shui Chang	" "
Chu Tiao Suen	" "
Djang Fang	" "
Fang Chen Chuin	" "
Feng Pang Wen	Hanyang, Hupeh.
Hwang Ren Chieh	Shufu, Szechwan.
Kiang Hung Chi	Hwangchow, Hupeh.
Lau Pao Liu	Chinkiang, Kiangsu.
Lee Hung Teh	Kingteh, Anhwei.
Ling Shu Tung	Chinkiang, Kiangsu.
Sih Teh Hsie	Soochow, Kiangsu.
Tang Shao Chiung	Luchow, Anhwei.
Wang Ching Kung	Nanking, Kiangsu.
Wang Sih Han	Wuwei, Anhwei.

Fourth Year (b)

Cha Kwei Shwen	Ningkwoh, Anhwei.
Chen Cheng Hsien... ..	Kiukiang, Kiangsi.
Chen I Tsu	Chinkiang, Kiangsu.
Lo Liang Chu	Changsha, Hunan.
Neng Pao Seng	Nanking, Kiangsu.
Tai Yu Tzi	Yangchow, "
Tsü Shao Wen	Hofei, Anhwei.
Tsui Yu Chen	Taipingfu, Anhwei.
Tung Kwang Mei	Anking, "
Wang Sung Tao	Ningkwoh, Anhwei.
Wang Wen Tien	Nanking, Kiangsu.

Fourth Year (a)

Chen Chiu Chang	Nanking, Kiangsu.
Ho Hsing Tao	Honolulu.
Hung Yung Chang	Yangchow, Kiangsu.
Hwang Tsong I	Luchow, Anhwei.

Liu Tsong Ben	Luhan, Anhwei.
Tsai Mo Seng	Kwangchow, Kwangtung.
Tung Chi Shioh	Tungchow, Kiangsu.
Yao Kwoh Liang	Nanking, "

Third Year (b)

Cheo Hsiao Chen	Luchow, Anhwei.
Chu Teh Fang	Nanking, Kiangsu.
Feng Hsiung	Nanking, "
Hsing I Chu... ..	Nanking, "
Hwang Dao Yung	Chungking, Szechwan.
Li Kwoh Tung	Nanking, Kiangsu.
Liu Ching Shen	Chinkiang, "
Wu Tong Loh	Chihchow, Anhwei.
Wu Wen An	Canton, Kwangtung.
Yu Ning Hwai	Ningpo, Chekiang.
Yu Ten Ho	Anking, Anhwei.
Yu Tsong Li	Anking, "

Third Year (a)

Chang Tao	Canton, Kwangtung.
Chen Hsien Tsing	Henchow, Hunan.
Chen Hsing Chang	Nanking, Kiangsu.
Chen Pin Chuen	Chuchi, Chekiang.
Chen Shioh Yee	Nanking, Kiangsu.
Chen Yuen Hsing	Canton, Kwangtung.
Cheo Hwen Wen	Canton, "
Chiu Yuen Ming	Chinkiang, Kiangsu.
Fang Chen	Wuking, Kiangsu.
Hung Yüen Chiang... ..	Hweichow, Anhwei.
Hsü Tseh	Wenchow, Chekiang.
Li Shi Hsing	Tangtu, Anhwei.
Ling Wen Ching	Canton, Kwangtung.
Liu Chü Ming	Hohsien, Anhwei.
Liu Hsiao Kwen	Hochow, Anhwei.
Liu Ren Chieh	Nanking, Kiangsu.
Shen Li Chen	Shaohsing, Chekiang.
Shi I Hei	Anking, Anhwei.

Tang Meo Ru	...	...	Sueiting, Szechwan.
Tsao Sheo Li	...	...	Sheochow, Shantung.
Tsiang Kia Chu	...	...	Nanking, Kiangsu.
Tung Tso Shen	...	...	Nanking, "
Wang Hai Yuen	...	...	Hsuentien, Chihli.
Wang Kia Wen	...	...	Taipingfu, Anhwei.
Wang Tung Mo	...	...	Nanking, Kiangsu.
Yuh Woon Hyun	...	...	Korea.

Second Year (b)

Chen Chi Shan	...	...	Shaohsien, Chekiang.
Hsieh Yuen Hsi	...	...	Shuchow, Szechwan.
Hu Kwan Shwen	...	...	Fengyang, Anhwei.
Koo Chen Kwen	...	...	Sungkiang, Kiangsu.
Liang Yien Chang	...	...	Shenchow, Hunan.
Tai Ching Hwa	...	...	Nanking, Kiangsu.
Tai Peng Ching	...	...	Nanking, "
Tu Hsing Hwa	...	...	Yangchow, "
Yang Wan Hsuin	...	...	Nanking, Kiangsu.
Yen Chao Chi	...	...	Nanking, "

Second Year (a)

Chang Ding Pao	...	...	Ningpo, Chekiang.
Chang Shi Chu	...	...	Hanyang, Hupeh.
Chen Cheh Hwa	...	...	Ningpo, Chekiang.
Chen Ching Kwei	...	...	Luchow, Anhwei.
Chen Fuh Ling	...	...	Nanking, Kiangsu.
Chüan King Shen	...	...	Tungchow, Kiangsu.
Feng Pan Hsün	...	...	Ichang, Hupeh.
Hsi Wan Kwan	...	...	Tongchuen, Szechwan.
Hsia Yung Kwei	...	...	Ningpo, Chekiang.
Hsiung Kai Ming	...	...	Hanyang, Hupeh.
Hsiung Chang Shü	...	...	Shangcheng, Honan.
Hu I Kai	...	...	Nanking, Kiangsu.
Hung Hsing Peh	...	...	Hweichow, Anhwei.
Kao En Yung	...	...	Nanking, Kiangsu.
Ling Kang	...	...	Wenchow, Chekiang.
Liu Chen Yü	...	...	Yangchow, Kiangsu.
Lo Tao Seng	...	...	Chinkiang, "

Lu Pao Ru	...	...	Hwangchow, Hupeh.
Ma Ying Ren	...	...	Nanking, Kiangsu.
Suen Hsing	...	...	Nanking, "
Tsien Teh Hsing	...	...	Shaohsien, Chekiang.
Tseo Wen Fah	...	...	Changchow, Fukien.
Tsü Kwoh Tsiang	...	...	Nanking, Kiangsu.
Tsü Ming Kao	...	...	Anking, Anhwei.
Wang Chen Cheng	...	...	Nanking, Kiangsu.
Wang Kan Ting	...	...	Ichang, Hupeh.
Wei En Shan	...	...	Chinkiang, Kiangsu.
Wu Ching Ling	...	...	Hweichow, Anhwei.
Yang Shu Kai	...	...	Nanking, Kiangsu.

First Year (b)

Cheo Po Ho	...	...	Hwangmei, Hupeh.
Hsiung Chang Tao	...	...	Shangcheng, Honan.
Hu Chwen	...	...	Nanchang, Kiangsi.
Kwoh Lih	...	...	Nanking, Kiangsu.
Liao Wen Ping	...	...	Canton, Kwangtung.
Liu Shan Fu	...	...	Nanking, Kiangsu.
Shen Chi Hwan	...	...	Chihchow, Anhwei.
Sie Chen Hsiung	...	...	Taiping, Anhwei.
Soo Shou Cho	...	...	Taiping, "
Soo Shou Lan	...	...	Taiping, "
Tsiang Kia Hsiung	...	...	Nanking, Kiangsu.
Tung Wei	...	...	Changchow, "
Wang Chen Lung	...	...	Chihchow, Anhwei.
Wang Ching Hsiang	...	...	Yungping, Chihli.
Wu Pao Hung	...	...	Shehsien, Anhwei.
Wu Yu Chang	...	...	Pukow, Kiangsu.
Yao Ta Chi	...	...	Luhoh, Kiangsu.

First Year (a)

Chang Bih Shan	...	...	Amoy, Fukien.
Chang Chi	...	...	Nanking, Kiangsu.
Chang Ko Kwang	...	...	Nanking, "
Chang Tsu Feng	...	...	Nanking, "
Chen Hsiao Hsu	...	...	Nanking, Kiangsu.
Choh Ching Chih	...	...	Canton, Kwangtung.

Chu Chieh Yuen	Nanking, Kiangsu.
Chu Fuh Kwang	Tungchow, ,,
Chu Lien Yu	Nanking, ,,
Fang Tseng Shwei	Soochow, ,,
Ho Ya Chien	Chinkiang, ,,
Hsing I Chen	Nanking, ,,
Hsung Ta Chwen	Hsiangyang, Hupel.
Kiang Peh Kung	Laichow, Shantung.
Leo Si Hwai	Nanking, Kiangsu.
Li Tai Seng	Nanking, ,,
Li Yao Fu	Luchow, Szechwan.
Shang Wen Ching	Chungking, Szechwan.
Su Chen Yeh	Shanghai, Kiangsu.
Tsao Kwoh Liang	Nanking, ,,
Tsu Chieh	Yangchow, ,,
Wei Shioh Ren	Nanking, ,,
Wu Sun San	Nanking, ,,
Yüin Shao Ching	Changchow, ,,

Unclassified

Chen An Tze	Amoy, Fukien.
Chen Hsi Hsien	Anking, Anhwei.
Chen Tseng Ling	Nanking, Kiangsu.
Chiung Kwan Che	Korea.
Cho Nan Choon	Korea.
Cyun Keni Chooy	Korea.
Fung Yoi	Canton, Kwangtung.
Hyun Chang Woon... ..	Korea.
Hyun Hong Woon	Korea.
Kim Hyun Lik	Korea.
Kim Nap Soo	Korea.
Ling Pin Chen	Wuhu, Anhwei.
Ly Yung Ki... ..	Korea.
Pak Tuk Sang	Korea.
Pu Kwan Ti	Nanking, Kiangsu.
Soh Nough Hoon	Korea.
Tai Li Hsing ... ..	...
Yu Tun Pen... ..	Anking, Anhwei.

THE MIDDLE SCHOOL.

Graduates, June 1915.

Chang Bih Shang	Amoy, Fukien.
Chang Chi	Nanking, Kiangsu.
Chang Tsu Fen	Nanking, ,,
Chen Hsiao Hsü	Nanking, ,,
Choh King Chih	Canton, Kwangtung.
Chu Dzie Yuen	Nanking, Kiangsu.
Dziang Beng Kung	Laichow, Shantung.
Dziang Shui Fang	Tungchow, Kiangsu.
Li Dzeh Tang ... ..	...
Li Tai Seng	Nanking, Kiangsu.
Lou Sze Hwai	Pukow, ,,
Su Cheng Yeh	Shanghai, ,,
Wei Shoh Ren	Nanking, ,,

Fourth Year (b)

Ching Wen Liang	Pukow, Kiangsu.
Fang Chen	Pukow, ,,
Feng Sih Kan	Shanghai, ,,
Heo Shao Po	Pang Yü, Kwangtung.
Ko Siang Feng	Chihchow, Anhwei.
Lao Yuen Pei	Changsha, Hunan.
Li Hwa Nan	Tengchow, Shantung.
Loh Chang Lung	Nanking, Kiangsu.
Mao Teh En	Nanking, ,,
Shaw Ren Chia	Shaoshing, Chekiang.
Tsao Kwoh Liang... ..	Luhö, Kiangsu.
Tsu Ting Yu	Nanking, ,,
Wang Hung Chi	Pukow, ,,
Yuen Yung Kwan... ..	Kiangsu.

Fourth Year (a)

Chang Yuen Cho	Laian, Anhwei.
Chang Yuen Kwan	Laian, ,,
Chao Shao Ting	Tantu, Kiangsu.

Chen Hung Ching...	...	...	Ningpo, Chekiang.
Chia Chen Chwung	...	...	Kaoyu, Kiangsu.
Ching Hsiao Hwei	...	...	Kiangsu.
Ho Ping Li ... ..	...	...	Kiangsu.
Hsi Hsu Seng	...	...	Kiangsu.
Hwang Pooh Hwang	...	..	Kwangtung.
Li Ching Siang	...	...	Laian, Anhwei.
Liu Chuin ... ..	...	...	Hupei.
Ni Shun Tsu	...	...	Kiangsu.
Sie Ching Tsu	...	...	Anhwei.
Swen Nai Tsou	...	...	Chekiang.
Ting Lu Hsien	...	...	Tongtai, Kiangsu.
Tung Teh Fu	...	...	Nanking, "
Tsao Kwoh Liang...	...	...	Pukow, "
Tseh Chi Seng	...	...	Anhwei.
Wang Chwun I	...	...	Luhoh, Kiangsu.
Wang Tso Chow	...	...	Honan.
Wang Tsong Chien	...	...	Kiangsu.
Wang Tsong Cho	...	...	Kiangsu.
Wang Tsong Hsi	...	...	Kiangsu.
Yao Yung Ling	...	...	Nanking, Kiangsu.

Third Year (b)

Chen Hsiao Su	...	...	Nanking, Kiangsu.
Chen Hwa Sing	...	...	Luhoh, "
Chen Yu Hwa	...	...	Chekiang.
Chi Chia Chi	...	...	Nanking, Kiangsu.
Chia Chen Chwun	...	...	Kiangsu.
Ching Hsiao Hwei	...	...	Kiangsu.
Chow I Nan	...	...	Kiangsu.
Ho Sih Pao	...	...	Hankow, Hupei.
Hu Shao Wen	...	...	Kiangsu.
Jwang Chi Hsi	...	...	Nanking, Kiangsu.
Jwang Chi Tsing	...	...	Nanking, "
Kiang Ben Kwan	...	...	Shantung.
Kwoh Fuh Yuen	...	...	Nanking, Kiangsu.
Kwoh Su Ren	...	...	Güyung, "
Liu Ching Pan	...	...	Nanking, "

Liu Sung Chen	...	...	Kiangsu.
Liu Teh Shun	...	...	Hochow, Anhwei.
Pu Kuan Ti	...	...	Kiangsu.
Shun En Yung	...	...	Yangchow, Kiangsu.
Sung Hsi Ling	...	...	Chekiang.
Swen Tseh Fang	...	...	Sheohsien, Anhwei.
Tai Lih Shing	...	...	Kiangsu.
Tsao Chi Loh	...	...	Hunan.
Tuan Ching Li	...	...	Kiangsu.
Wang Chang Fu	...	...	Chinkiang, Kiangsu.
Wang Teh Ping	...	...	Nanking, "
Wu Chen Chi	...	...	Anhwei.
Yang Shou Yien	...	...	Tsuchow, Kiangsu.
Yien Ching Chou	...	...	Tantu, Kiangsu.

Third Year (a)

Chang Chia Liang	...	...	Kiangsu.
Chang Ping	...	...	Kiangsu.
Chen Chang Ping	...	...	Güyung, Kiangsu.
Chen Chwun Kiang	...	...	Kiangsu.
Chen Han Yung	...	...	Kwangtung.
Chen Tsing Hsien	...	...	Nanking, Kiangsu.
Fang Chao Chi	...	...	Hweichow, Anhwei.
Fang Chi Chang	...	...	Anhwei.
Fang I Tsih	...	...	Ichen, Kiangsu.
Ho Ping Li	...	...	Kiangsu.
Hsu Chi Chang	...	...	Kiangsu.
Hu Tsing Chen	...	...	Tantu, Kiangsu.
Hua I Shwun	...	...	Shanghai, "
Kwoh Tsu Hwei	...	...	Kiangsu.
Lan Kung Li	...	...	Szechwan.
Li Ching Siang	...	...	Laian, Anhwei.
Li Kwoh Piao	...	...	Nanking, Kiangsu.
Liu Chi Fu	...	...	Wuhu, Anhwei.
Liu Tsing Pan	...	...	Kiangsu.
Shun Chang Tsou	...	...	Wuhsien, Kiangsu.
Shun Tze Chang	...	...	Shanghai, "
Tsu Chia Chi	...	...	Kiangsi.

Tsu Chia Gee	...	...	Kiangsi.
Tsu Shwei Kan	...	...	Tantu, Kiangsu.
Wang Ai Tang	...	...	Suilin, Anhwei.
Wang Chang Hwo	...	...	Nanking, Kiangsu.
Wang Su Tsoh	...	...	Nanking, "
Wang Teh Fan	...	...	Kiangsi.
Wu Ying Hwai	...	...	Kiangsu.
Wun Tsi Seng	...	...	Kiangsu.
Yu Chao Tong	...	...	Nanking, Kiangsu.

Second Year (b)

Chang En Pei	...	...	Nanking, Kiangsu.
Chen Feng Hwai	...	...	Kiangsi.
Chen Hsi Ching	...	...	Nanking, Kiangsu.
Chen Hsi Hsien	...	...	Kiangsu.
Chen Kwang Yao	...	...	Nanking, Kiangsu.
Chia Kwoh Sze	...	...	Hwanghsien, Shantung.
Ching Chai Fang	...	...	Nanking, Kiangsu.
Ching Tze Fang	...	...	Chinkiang, "
Chu Yao Lien	...	...	Chinkiang, "
Hua I Shwun...	...	...	Chinkiang, "
Hung Su Kwun	...	...	Kiangsu.
Kao Tsong Sing	...	...	Kiangsu.
Ken Hsioh Shun	...	...	Luhoh, Kiangsu.
Kwo Tsu Mei	...	...	Kiangsu.
Li Kwoh Piao	...	...	Kiangsu.
Lu Pao Ying ...	...	...	Hupeh.
Sung Hsi Ling	...	...	Kiangsu.
Wang Sing Fu	...	...	Kiangsu.
Wang Sze Chi	...	...	Kiangsu.
Wang Tsai Liang	...	...	Nanking, Kiangsu.
Wu Wei San ...	...	...	Kiangsu.
Yu Chao Moh	...	...	Kiangsu.
Yu Ching Tsuen	...	...	Kiangsu.

Second Year (a)

Chang Sz Pei	...	...	Chinkiang, Kiangsu.
Chang Tsuin Seng	...	...	Shanghai, "
Chen Sung Seng	...	...	Changchow, "

Chow Pao Chen	...	...	Tengchow, Shantung.
Fang Yao Tang	...	...	Hankow, Hupeh.
Feng Yao Cho	...	...	Kiangsu.
Han Yien	...	...	Kiangsu.
Hsu Shuh Chien	...	...	Yuintsao, Anhwei.
Hwa Chen Kwei	...	...	Paoying, Kiangsu.
Hwang Lu Chen	...	...	Kiangsu.
Hwang Shao Chi	...	...	Kiangsu.
Ing Shan Len	...	...	Kiangsu.
Kao Liang Tsai	...	...	Kiangsu.
Kao Shun Wu	...	...	Tantu, Kiangsu.
Kung Yuen	...	...	Kiangsu.
Ling Hsi	...	...	Kiangsu.
Liu Tao Chu	...	...	Anhwei.
Mei Tsieh Seng	...	...	Kwangtung.
Miao Chong Fang	...	...	Kwangtung.
Shao Lien	...	...	Hweichow, Anhwei.
Shon Chwun Lieh	...	...	Honan.
Shun Kwei Feng	...	...	Kiangsu.
Shun Yien Kwun	...	...	Kiangsu.
Swen Chia Chen	...	...	Loloh, Kiangsu.
Tang Wen Yao	...	...	Anhwei.
Tung Chien ...	...	...	Nanking, Kiangsu.
Wang Chi Feng	...	...	Kiangsu.
Wang Chwun Hai...	...	...	Kiangsu.
Wang Tsai Ken	...	...	Nanking, Kiangsu.
Wu Sze Lung	...	...	Changchow, "
Wu Wei San	...	...	Kiangsu.
Yu Pei Hen	...	...	Kiangsu.

First Year (b)

Chen Chong Yao	...	...	Kwangtung.
Chen Yang Chieh	...	...	Shanghai, Kiangsu.
Chen Yao Chi	...	...	Kwangtung.
Li Chia Chi	...	...	Nanking, Kiangsu.
Liu En Luh	...	...	Kiangsu.
Ren Sih Chen	...	...	Ishing, Kiangsu.
Shon Chi Hsu	...	...	Honan.

Swieh Ching Chwun	...	...	Nanhsuchow, Anhwei.
Tsien Ming Seng	...	...	Kiangsu,
Wang Siang Hsien	...	...	Anhwei.
Wen Shun Chen	...	...	Hupei.

First Year (a)

Chang En Sheo	...	...	Nanking, Kiangsu.
Chang En Sih	...	...	Nanking, „
Ho Chi	...	...	Hwaiian, „
Hwang Tsong Wen	...	...	Chinkiang, „
Jwang Chi Wen	...	...	Nanking, „
Kiang Siang Kwun	...	...	Nanking, „
Liu Tsuen Chi	...	...	Luangchow, Chihli.
Swieh Lung Kan	...	...	Lienshuei, Kiangsu.
Wun Tsi Seng	...	...	Kiangsu.
Yu Chi	...	...	Chekiang.

TOTAL REGISTRATION.**SPRING SEMESTER 1915.**

College students	...	...	...	35
Medical School students	...	...	...	38
Normal Training students	...	...	...	18
Practice School students	...	...	...	55
Agricultural students	...	...	...	9
Forestry students	...	...	...	16
Language School students	...	...	...	45
High School students	...	...	...	123
Middle School students	...	...	...	171
Total number of students	...	...	...	510

AUTUMN SEMESTER 1915-1916.

College students	...	...	...	42
Medical School students	...	...	...	38
Normal Training students	...	...	...	20
Practice School students	...	...	...	64
Agricultural students	...	...	...	13
Forestry students	...	...	...	45
Language School students	...	...	...	51
High School students	140
Middle School students	131
Total number of students	544

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THE
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1917

Announcements

CALENDAR

1917.

Autumn Semester—Twenty-two weeks.

Examinations to remove } conditions	Sept. 4.	VII moon, 18th day.
Entrance examinations and } registration	Sept. 5, 6	VII moon, 19th, 20th days.
Class work begins	Sept 7.	VII moon, 21st day.
Holidays:		
National Celebration Day	Oct. 10.	VIII moon, 25th day.
Birthday of Confucius ...	Oct. 12.	VIII moon, 27th day.
Field Day (about)... ..	Nov. 3.	IX moon, 19th day.
Christmas Vacation	Dec. 22-26.	XI moon, 9th-13th days.
New Year's Day	Jan. 1, 1918.	XI moon, 19th day.
Final examinations	Jan. 30 to Feb. 5.	XII moon, 18th-24th days.
Semester closes	Feb. 5.	XII moon, 24th day.

1918.

Spring Semester—Eighteen weeks.

Examinations to remove } conditions	Feb. 19.	I moon, 9th day.
Entrance examinations and } registration	Feb. 20, 21	I moon, 10th, 11th days.
Class work begins	Feb. 22.	I moon, 12th day.
Holidays:		
Tsing Ming... ..	April 5.	II moon, 24th day.
Field Day (about)... ..	April 20.	III moon, 10th day.
Dragon Boat Festival	June 13.	V moon, 5th day.
Final examinations	June 18-22.	V moon, 10th-14th days.
Class Day... ..	June 22.	V moon, 14th day.
Baccalaureate Sunday	June 23.	V moon, 15th day.
Commencement... ..	June 24.	V moon, 16th day.

UNIVERSITY OF NANKING

ANNOUNCEMENTS

June 1917

Inasmuch as certain changes in the names and locations of several departments of the University are to go into effect with the beginning of the next college year, announcement is hereby made concerning these changes and concerning other matters of administration.

METHOD OF REORGANIZATION

CURRICULUM. No important changes in curriculum have been made, except in the case of the School of Normal Training. The changes in this department, which will now be termed the School of Education, are outlined below.

COLLEGES. The College of Arts and the College of Agriculture and Forestry will be moved to the new buildings at the Drum Tower. Some of the buildings of the present Middle School group will also be used for the Colleges. The new departments at the Drum Tower will be divided into the Junior College and the Senior Colleges, the latter including the College of Arts and the College of Agriculture and Forestry. The Junior College course will occupy two years, including roughly the last year of the present High School course and the first year of the present College course, and will correspond in a general way to the Chinese University-Preparatory. Students studying for various vocations will here be brought into the same courses; but certain special preparation will be given for students in liberal arts and sciences, normal training, agriculture, forestry, and medicine. Mr. Sarvis will be Dean of the Junior College. The courses of the two Senior Colleges will each occupy three years. Mr. Bailie will continue to be Dean of the College of Agri-

culture and Forestry and Mr. Sarvis of the College of Arts. In the College of Arts a more flexible elective system will be offered than heretofore.

MIDDLE SCHOOL. The present High School will remain at Kan Ho Yen, and will use the present dormitory, the present high school building, and the present administration building. The name will be changed to the Middle School. The work of the new Middle School will include that of the last year of the present Middle School and that of the first three years of the present High School. Mr. Wilson will be Principal of the Middle School and also Superintendent of the Preparatory Schools, which will include the entire group at Kan Ho Yen.

SCHOOL OF EDUCATION. The present School of Normal Training will in future be called the School of Education, and will work in close connection with the other departments. A Teachers' Higher Course of two years will be given in the Junior College and a Teachers' Secondary Course of two years in the Middle School, the latter being open to those who have completed the first two years of the new Middle School or its equivalent. Students who complete the teachers' course in the Junior College will receive a certificate of graduation from the Junior College, Teachers' Higher Course. If such students wish to continue college work, they will be admitted to the College of Arts without condition. Students who complete the teachers' course in the Middle School will receive a certificate of graduation from the Middle School, Teachers' Secondary Course; and such students will be admitted to the Junior College without condition. In both cases, however, advance credit will be given for special work done in the teachers' courses but not required in the regular course, and it will be necessary that work not done in the teachers' courses but required in the regular course be made up. In Mr. Bullock's absence, Mr. Moss will act as the Dean of the

School of Education. The faculty of this school will have their offices in the science building at Kan Ho Yen.

MODEL SCHOOL. The present Middle School will be moved to Kan Ho Yen, and the present Normal Practice School will be incorporated with it to form the Model School. Seven years of work will be given in this school, equivalent to the regular Lower Primary and Higher Primary grades. The Model School will occupy the Kan Ho Yen science building, and Miss Wixon will be the Principal.

INDUSTRIAL DEPARTMENT. The Industrial Department will continue its work as a division of the School of Education, and will be located on the ground floor of the science building at Kan Ho Yen.

ADMISSION AND CLASSIFICATION. Students who complete the work of the 3b Class in the present Drum Tower Middle School this spring will next autumn be admitted to the first year of the new Middle School, and graduates will be admitted to the second year. Students who complete the work of the 3b Class in the present High School this spring will next autumn be admitted to the first year of the Junior College, and graduates will be admitted to the second year. Students who have forty credits in college will be admitted to the first year of the Senior College of Arts next autumn. Students who complete the first year of the present course in the College of Agriculture and Forestry this spring will next autumn be admitted to the first year of the Senior College of Agriculture and Forestry.

GRADUATION. Students who, at the opening of the autumn semester, have completed work sufficient to give them senior standing in the school in which they are registered under the present plan shall be permitted to graduate in accordance with the present plan. Thus students who would be 4a at the Drum Tower Middle School this autumn will, after the completion of one year of work in the new Middle School,

The fee for special examinations for the removal of conditions (on dates other than those set for conditional examinations) is fifty cents.

CONDITIONAL EXAMINATIONS

Students desiring to remove conditions this autumn must be prepared to take examination for that purpose at *any time* which may be set between eight o'clock in the morning and four o'clock in the afternoon on September fourth. If conditions are not removed on this date, they will become failures, unless permission is obtained from the student's dean or principal to take special examinations for which a fee of fifty cents each is charged.

THE CATALOGUE

It is expected that the University Catalogue for 1917 will be issued some time in July and that it will be ready for distribution on August first. Requests for copies of the Catalogue and for any other information concerning the University may be sent to President A. J. Bowen, University of Nanking, Nanking, China.

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JAN 23 1919

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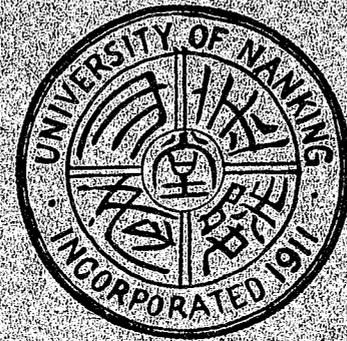
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BULLETIN

1917



CATALOGUE NUMBER

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BULLETIN

1917

CATALOGUE NUMBER



SHANGHAI:

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1917

January, 1917							February, 1917							March, 1917						
Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S
...	1	2	3	4	5	6	...	...	...	...	1	2	3	...	...	...	...	1	2	3
7	8	9	10	11	12	13	4	5	6	7	8	9	10	4	5	6	7	8	9	10
14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17
21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24
28	29	30	31	...	...	...	25	26	27	28	...	...	...	25	26	27	28	29	30	31

April, 1917							May, 1917							June, 1917						
Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S
1	2	3	4	5	6	7	...	...	1	2	3	4	5	...	...	...	...	...	1	2
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
29	30	...	...	...	...	...	27	28	29	30	31	...	...	24	25	26	27	28	29	30

July, 1917							August, 1917							September, 1917						
Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S
1	2	3	4	5	6	7	...	...	...	1	2	3	4	...	...	...	...	...	...	1
8	9	10	11	12	13	14	5	6	7	8	9	10	11	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17	18	9	10	11	12	13	14	15
22	23	24	25	26	27	28	19	20	21	22	23	24	25	16	17	18	19	20	21	22
29	30	31	...	...	...	...	26	27	28	29	30	31	...	23	24	25	26	27	28	29
...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	...	...	...	...	...

October, 1917							November, 1917							December, 1917						
Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S
...	1	2	3	4	5	6	...	...	...	...	1	2	3	...	...	...	...	...	...	1
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
28	29	30	31	...	...	...	25	26	27	28	29	30	...	23	24	25	26	27	28	29
...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	31	...	...	...	...	...

January, 1918							February, 1918							March, 1918						
Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S
...	...	1	2	3	4	5	...	...	...	...	1	2	3	...	...	...	...	...	1	2
6	7	8	9	10	11	12	3	4	5	6	7	8	9	3	4	5	6	7	8	9
13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16
20	21	22	23	24	25	26	17	18	19	20	21	22	23	17	18	19	20	21	22	23
27	28	29	30	31	...	...	24	25	26	27	28	...	...	24	25	26	27	28	29	30
...	...	...	...	...	...	...	...	...	...	...	...	...	...	31	...	...	...	...	...	...

April, 1918							May, 1918							June, 1918						
Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S
...	1	2	3	4	5	6	...	...	...	1	2	3	4	...	...	...	...	...	...	1
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
28	29	30	...	...	...	...	26	27	28	29	30	31	...	23	24	25	26	27	28	29
...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	...	...	...	...	...

July, 1918							August, 1918							September, 1918						
Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S
...	1	2	3	4	5	6	...	...	...	...	1	2	3	1	2	3	4	5	6	7
7	8	9	10	11	12	13	4	5	6	7	8	9	10	8	9	10	11	12	13	14
14	15	16	17	18	19	20	11	12	13	14	15	16	17	15	16	17	18	19	20	21
21	22	23	24	25	26	27	18	19	20	21	22	23	24	22	23	24	25	26	27	28
28	29	30	31	...	...	...	25	26	27	28	29	30	31	29	30	...	...	...	...	...
...

October, 1918							November, 1918							December, 1918						
Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S	Su	M	Tu	W	Th	F	S
...	...	1	2	3	4	5	...	...	...	...	1	2	3	1	2	3	4	5	6	7
6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13	14
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27	28
27	28	29	30	31	...	...	24	25	26	27	28	29	30	29	30	31	...	...	...	...
...

CALENDAR.

1917.

Autumn Semester—Twenty-two weeks.

Examinations to remove conditions -	Sep. 4, Tues.	Moon.	Day.
Entrance examinations and registration	Sep. 5, 6, Wed., Thurs.	VII,	18th.
Class work begins -	Sep. 7, Fri.	VII,	19th, 20th, 21st.
Holidays:			
National Celebration Day -	Oct. 10, Wed.	VIII,	25th.
Birthday of Confucius -	Oct. 12, Fri.	VIII,	27th.
Field Day -	(about) Nov. 3, Sat.	IX,	10th.
Christmas vacation -	Dec. 22, Sat.-26, Wed.	XI,	9th-13th.
New Year's Day -	Jan. 1, Tues., 1918.	XI,	19th.
Final examinations -	Jan. 30, Wed.,-Feb. 5, Tues.	XII,	18th-24th.
Semester closes -	Feb. 5, Tues.	XII,	24th.

1918.

Spring Semester—Eighteen weeks.

Examinations to remove conditions -	Feb. 19, Tues.	I,	9th.
Entrance examinations and registration	Feb. 20, 21, Wed., Thurs.	I,	10th, 11th.
Class work begins -	Feb. 22, Fri.	I,	12th.
Holidays:			
Tsing Ming -	Apr. 5, Fri.	II,	24th.
Field Day -	(about) Apr. 20, Sat.	III,	10th.
Dragon Boat Festival -	June 13, Thurs.	V,	5th.
Final examinations -	June 18, Tues.-22, Sat.	V,	10th-14th.
Class Day -	June 22, Sat.	V,	14th.
Baccalaureate Sunday -	June 23, Sun.	V,	15th.
Commencement -	June 24, Mon.	V,	16th.

Autumn Semester—Twenty and one-half weeks.

Examinations to remove conditions -	Sep. 3, Tues.	VII,	28th.
Entrance examinations and registration	Sep. 4, 5, Wed., Thurs.	VII,	29th.
Class work begins -	Sep. 6, Fri.	VIII,	1st.
Holidays:			
Birthday of Confucius -	Oct. 1, Tues.	VIII,	27th.
National Celebration Day -	Oct. 10, Thurs.	IX,	6th.
Field Day -	(about) Nov. 2, Sat.	IX,	29th.
Christmas vacation -	Dec. 21, Sat.-26, Thurs.	XI,	19th-24th.
New Year's Day -	Jan. 1, Wed., 1919.	XI,	30th.
Final examinations -	Jan. 15, Sat.-23, Thurs.	XII,	17th-22nd.
Semester closes -	Jan. 24, Fri.	XII,	23rd.

1919.

Spring Semester—Nineteen weeks.

Examinations to remove conditions -	Feb. 10, Mon.	I,	10th.
Entrance examinations and registration	Feb. 11, 12, Tues., Wed.	I,	11th, 12th.
Class work begins -	Feb. 13, Thurs.	I,	13th.
Holidays:			
Tsing Ming -	Apr. 7, Mon.	III,	7th.
Field Day -	(about) Apr. 19, Sat.	III,	19th.
Dragon Boat Festival -	June 2, Mon.	V,	5th.
Final examinations -	June 16, Mon.-20, Fri.	V,	19th-23rd.
Class Day -	June 21, Sat.	V,	24th.
Baccalaureate Sunday -	June 22, Sun.	V,	25th.
Commencement -	June 23, Mon.	V,	26th.

For Calendar of Language School, see page 81.

BOARD OF TRUSTEES.

ROBERT E. SPEER, *President.*

RALPH E. DIFFENDORFER, *Secretary.*

RUSSELL CARTER, *Treasurer.*

ALEXANDER MCLEAN	}	Disciples of Christ
JOAB H. BANTON		
PERCY T. JEROME		
FRANK MASON NORTH	}	Methodist Episcopal, North
FRANK A. HORNE		
RALPH E. DIFFENDORFER		
ROBERT E. SPEER	}	Presbyterian, North
EBEN C. COBB		
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JAMES H. FRANKLIN	}	Baptist, North
ERNEST D. BURTON		
JOSHUA LEVERING - - - -		Baptist, South
ED F. COOK - - - - -		Methodist Episcopal, South
S. H. CHESTER - - - - -		Presbyterian, South

GINLING COLLEGE COMMITTEE.

Mrs. ANNA R. ATWATER,
Christian Woman's Board of Missions.

Miss ELIZABETH R. BENDER,
Woman's Foreign Missionary Society of the Methodist
Episcopal Church.

Miss MABEL HEAD,
Board of Missions of the Methodist Episcopal Church,
South.

Miss MARGARET E. HODGE,
Woman's Foreign Missionary Board of the Presbyterian
Church in the U.S.A.

Mrs. HENRY W. PEABODY,
Woman's American Baptist Foreign Missionary Society

UNIVERSITY EXAMINERS.

*Appointed by the Regents of the University of the State of
New York.*

CHARLES S. LOBINGIER
Judge of the United States Court for China, Shanghai.

ALVIN W. GILBERT
American Vice-Consul, Nanking.

BOARD OF MANAGERS.

A. J. BOWEN, *ex officio*, President

FRANK GARRETT	}	- Disciples of Christ
ALEXANDER PAUL		
LI HOU-FU		
GUY W. SARVIS		
ROBERT C. BEEBE, M.D.	}	- Methodist Episcopal, North
JOHN C. FERGUSON		
FRANK D. GAMEWELL		
WILBUR F. WILSON		
SAMUEL COCHRAN, M.D.	}	- Presbyterian, North
JOSEPH C. GARRITT		
P. W. KUO		
EDWIN C. LOBENSTINE		
F. C. MABEE	}	- Baptist, North
J. T. PROCTOR		
P. R. BAKEMAN		
R. V. TAYLOR, M.D. - - -		Baptist, South
W. H. PARK, M.D. - - -		Methodist Episcopal, South
A. A. MCFADYEN, M.D. - - -		Presbyterian, South
CHANG BO-LING	}	Elected by the Board of Managers
HWANG HSI-CHEN		
WANG CHENG-TING		
HWANG YUNG-LIANG - - -		Elected by the Alumni

EXECUTIVE COMMITTEE.

*P. R. BAKEMAN	J. C. GARRITT	R. V. TAYLOR
R. C. BEEBE	A. A. MCFADYEN	C. T. WANG
A. J. BOWEN	W. H. PARK	J. E. WILLIAMS
F. GARRETT	G. W. SARVIS	W. F. WILSON

*Acting for J. T. Proctor.

OFFICERS OF INSTRUCTION AND ADMINISTRATION.

BOWEN, ARTHUR JOHN, LL.D.	President. English Literature.
WILLIAMS, JOHN ELIAS, D.D.	Vice-President and Chaplain. Greek, Religious Education.
BAILIE, JOSEPH, B.A.	Dean of the College of Agriculture and Forestry.
*BULLOCK, AMASA ARCHIBALD, M.S.	Dean of the School of Education. Education Extension, Psychology.
CHANG HSIANG-SHU, B.A. (Chinese)	Essay Writing.
CHANG KWEN-TSU, B.A. (Chinese)	Chinese.
CHANG SHEO-REN, B.A.	Mathematics.
CHANG TIEN-TSU, B.A.	Demonstration Teacher, Education Extension.
CHANG YEH, B.A. (Chinese)	Chinese.
†CHEN CHING-CHANG, B.A.	Chinese History and Literature.
†CHEN PAK-HOO, M.A.	Economics, Civics, English.
CHEN SHUI-I, B.A. (Chinese)	Mathematics, Science, and Religious Education.

* On furlough 1917-1918. † 1916-1917. ‡ 1917-1918.

CHEO CHI-SHAN, B.A. (Chinese)
 Chinese History and Literature.

CHOH CHING-TING, B.A. (Chinese)
 Chinese.

†CLARK, Miss MILDRED H., B.A.
 English.

CLEMONS, HARRY, M.A.
 Librarian.
 English.

DOWNEY, JOHN FLORIN, Sc.D.
 Mathematics and Astronomy.

DOWNEY, MRS. JOHN FLORIN
 English.

GIA FUH-TANG, B.A. (Chinese)
 Head Chinese Teacher, Language School.

GILBERT, MRS. ALVIN W.
 English.

HAMILTON, CLARENCE HERBERT, Ph.D.
 Philosophy and Psychology.

HU KEN-CHIU
 Physical Instruction.

HUMMEL, WILLIAM FREDERICK, M.A.
 Religious Education.

HUNG CHANG, B.A.
 Education Extension, History, Mathematics.

HUNG CHEN-TEO
 Office Secretary, School of Education.

HUNG YU-FENG, B.A.
 Associate Librarian.

ING ZAUNG-TEH, M.A.
 Registrar of the Primary and Secondary Group.
 Biology, History, Psychology.

†1917-1918.

KEEN, CHARLES SCULL, M.A.
 Dean of the Department of Missionary Training.
 Mandarin Language.

KUNG TSEN, B.A.
 English, Demonstration Teacher.

KWO PEI
 Grade Teacher.

LEE, ALEXANDER YING, M.S.
 Chemistry.

LI SHU-SHEN, B.A.
 English, Mathematics, Religious Education.

LIU CHING-CHEN, B.A.
 English, Geography, and Mathematics.

LIU KING-SHU, Ph.D.
 Chinese Philosophy, History, and Literature.

LIU, MRS. KING-SHU, B.S.
 Kindergarten.

†LIU TSUNG-LI
 Grade Teacher.

LIU TSUNG-LUH, B.A.
 Chinese Language.

†MCAFFEE, KENNETH, M.A.
 Physics and English.

†MARTIN, ARTHUR WESLEY, Ph.D.
 Chemistry and Geology.

MOSS, LESLIE BATES, M.A.
 Acting Dean (1917-1918), School of Education.
 Education.

OWEN, LOUIS JAMES
 Treasurer.
 English.

PURCELL, Miss MINNIE H.
 Office Secretary.

†1916-1917. †1917-1918.

REISNER, JOHN HENRY, M.S.A. ✓
Soils and Farm Crops.

*ROYS, HARVEY CURTIS, B.S. ✓
Physics and Mathematics.

SARVIS, GUY WALTER, M.A. ✓
Dean of the College of Arts and of the Junior College.
Sociology and Economics.

SETTLEMYER, CHARLES SPURGEON, M.A. ✓
History and Political Science.

SLOAN, THOMAS DWIGET, M.D. ✓
Superintendent, University Hospital.

SMALL, ALEXANDER GLOVER, M.E. ✓
Superintendent of Construction.

†SHIH PING-CHI ✓
Forestry.

†SIE CHI-CHING ✓
English, Geography, Religious Education.

TAI PEN-SHAN ✓
Vice-Principal of the Model School.
Demonstration Teacher.

TAYLOR, MISS EDNA GRACE, B.A. ✓
English.

†TSAN HEN ✓
Chinese Language and Phonetics.

†TSOU PING-WEN, B.S. ✓
Plant Pathology and Botany.

TSOU YING-HSUAN HSUWEN, M.S. ✓
Botany, Entomology.

†Tsü TSEH-LING, B.A. ✓
Chinese History and Literature.

*On furlough 1917-1918. †1916-1917. †1917-1918.

WALKER, MISS ELIZABETH ✓
Secretary and Treasurer, University Hospital.

WANG YAO-TING, B.A. (Chinese) ✓
Assistant Head Chinese Teacher, Language School.

WILSON, WILBUR FISK, B.A. ✓
Superintendent of the Primary and Secondary Group
and Principal of the Middle School.
English.

‡WISNER, VICTOR, M.F. ✓
Forestry.

WIXON, MISS ADELAIDE MAY ✓
Principal of the Model School.
English.

WOO SHEO-DAO, B.A. ✓
Religious Education and English.

‡WOODWORTH, CHARLES W., M.S. ✓
Special Investigator and Lecturer on Entomology.

WREN CHU-LEO, B.A. ✓
Proctor of the Primary and Secondary Group.

†WU PEH-KUEI, B.A. ✓
English, Mathematics, Religious Education.

WU PING-KWIN ✓
Grade Teacher.

YANG KWEI-CHEN ✓
Office Secretary, College of Agriculture and Forestry.

YAO TUNG-SENG ✓
Book Room.

YIH HSIEN-TING, B.A. (Chinese) ✓
Chinese.

†1916-1917. ‡1917-1918.

UNIVERSITY OF THE STATE OF NEW YORK.

Charter of

THE UNIVERSITY OF NANKING.

THIS INSTRUMENT WITNESSETH: That the Regents of the University of the State of New York have granted this charter incorporating Ralph E. Diffendorfer, Eben B. Cobb, Stephen J. Corey, F. Watson Hannan, Louis H. Severance, Alexander McLean, Frank A. Horne, Robert E. Speer, and Joab H. Banton and their associates and successors, under the corporate name of the University of Nanking, to be located in the city of Nanking, in the Province of Kiangsu, in the Empire of China, with nine trustees to be at first the persons named as incorporators to hold in the order of their naming, the first three for the year 1911, the second three for the year 1912, and the last three for the year 1913, and their successors to hold for terms of three years, to be chosen three each year—one by the Board of Foreign Missions of the Methodist Episcopal Church, one by the Board of Foreign Missions of the Presbyterian Church in the U. S. A., and one by the Foreign Christian Missionary Society.

That other incorporated missionary organizations may, at any time, be affiliated with and made constituent, trustee-electing members of the corporation of the University, by the favoring vote of the managing Boards of all of its then existing such constituent bodies and each such so added constituent body shall be entitled to choose, as its representative, or representatives, to hold for a term of three years, an additional associate member, or members, not exceeding three, as the vote of the affiliation shall provide, on the Board of Trustees of the University, to such representative trustee, or trustees, to hold for a like term.

The University shall have power to acquire by grant, gift, purchase, devise or bequest, and hold and dispose of

such real and personal property as the purpose of the corporation shall require. It may have departments of elementary, secondary, and higher education, and may affiliate with its work other schools giving instruction in either of the said departments, but it shall not have power to confer degrees, except as shall be hereafter authorized or approved by the Regents of the University of the State of New York.

Granted April 19, 1911, by the Regents of the University of the State of New York, executed under their seal, and recorded in their office. Number 2132.

(Seal)
ST. CLAIR MCKELWAY
Vice-Chancellor.

Amended May 2, 1912, by the Regents of the University of the State of New York, executed under their seal, and recorded in their office. Number 2257.

Amended December 12, 1912, by the Regents of the University of the State of New York, executed under their seal, and recorded in their office. Number 2309.

A. S. DRAPER, *Commissioner of Education.*

GENERAL INFORMATION.

Historical Sketch.

The University of Nanking began with the union, effected in February, 1910, of the higher educational work in Nanking of the Foreign Christian Mission, the Northern Presbyterian Mission, and the Northern Methodist Mission. Previous to the union, these three missions had been independently conducting schools for about twenty-two years. The institution established in 1910 included a college of liberal arts with a high school and a secondary school preparing for the college. In April, 1911, the University was granted a charter by the Regents of the University of the State of New York.

After 1910 four departments were added to the institution and four other missions began to co-operate in parts of the work. These missions were the Southern Methodist, the Southern Presbyterian, and the Southern Baptist in the Medical School, and the Northern Baptist Society in all parts other than the college departments. The four departments thus added to the University were the School of Normal Training, the Department of Missionary Training, the Medical School, and the College of Agriculture and Forestry.

The School of Normal Training was opened in September, 1912. This is now called the School of Education and includes the Teachers' Higher Course, the Teachers' Secondary Course, the Model School, and an Industrial Department, all working in close connection with the other departments.

The Department of Missionary Training or Language School was started in the University in October, 1912. It was the outgrowth of a temporary Language School which had been conducted in Shanghai by twenty-seven different societies represented in that city during the Revolution of 1911.

The Medical School formally became a department of the University in January, 1914. It had been organized in

1910 by seven missions as "The East China Union Medical School"; had been located in Nanking; and, in 1912, had become affiliated with the University. On January 8, 1917, upon the graduation of the advanced class, this department, with the exception of the University Hospital, ceased operations. Hereafter the University will co-operate with the school to be opened in Shanghai by the China Medical Board for those who wish to study medicine in English, and with the Union Medical School at Tsinanfu for those who wish to study medicine in Chinese.

The College of Agriculture and Forestry is a combination of the Agricultural Department, which opened in the autumn of 1914, and of the Forestry School, which opened in the spring of 1915. This combined department is a development from famine relief work undertaken in 1911 by Professor Joseph Bailie of the University. It has received official sanction and support from the Department of Agriculture and Commerce in Peking, and from the Governors of the Provinces of Kiangsu, Anhwei, Kiangsi, Shantung, and Yunnan.

Organization.

Beginning with September, 1917, the advanced work of the University is being carried on in the new buildings at the Drum Tower. The Middle School and the School of Education, with the seven years of lower and higher primary work as a Model School and with the Industrial Department, are being conducted at the Kan Ho Yen. The Language School is located in the compound formerly occupied by the School of Normal Training. From this date also the main divisions of the University work are following the divisions prescribed by the National Board of Education. The departments of the University are therefore as follows:

I. The Senior Colleges (本科), which include the College of Arts and the College of Agriculture and Forestry.

II. The Junior College (預科), which includes work in arts, agriculture and forestry, teacher training, and medicine.

III. The School of Education (師範科), which includes teacher training courses in the Junior College and the Middle School and which also includes an Industrial Department and the Model School.

IV. The Middle School (中學).

V. The Model School (模範小學).

VI. The Department of Missionary Training (華言學校).

VII. The University Hospital (鼓樓醫院).

Property.

The property of the University of Nanking is held by a Board of Trustees in the United States, appointed by the Foreign Mission Boards represented in the union. The properties originally held by the foreign missionary societies have been transferred to the Board of Trustees.

The University now owns, approximately, seventy-five acres of land, extending from the former Nanking University compound to the former Christian College near the Drum Tower. It owns six buildings devoted to class rooms and laboratories; five dormitories; a chapel; a hospital, with a modern operating pavilion attached; and seventeen residences for the foreign faculty and eight for part of the Chinese faculty.

The Museum.

The museum is located on the third floor of the Science Hall at Kan Ho Yen. The general collection contains nearly two thousand specimens, including material for class room work with students, material for investigators, and exhibits for the public. Notable among the specimens are Professor William Millward's series of Silurian and carboniferous fossils of China, collections of corals, shells, mounted birds, ferns, and woods, and a loan collection of Chinese Bibles and scripture portions.

The University Library.

The University Library occupies the second floor of Cooper Hall and a reading and reference room in Swasey Hall. It contains 5,306 Chinese books, 6,167 foreign books, and 17,748 pamphlets and unbound numbers of periodicals. The Library is open regularly from 8.20 to 12.20, from 1.20 to 6.00, and from 7.00 to 10.00; the Saturday hours, however, are from 9 to 12, 2 to 4, and 7 to 10. On Sundays the reading room is open from 2.00 to 4.00 in the afternoon. During vacations the Library is regularly open every week day from 8 to 11 and from 1.30 to 4.30, but is not open on Sundays.

Admission to the Library is granted to all persons who have been properly recommended. Each person who desires to borrow books must first sign an agreement to abide by the regulations of the Library and to be personally responsible for all books borrowed.

All books and periodicals, with the exception of reserved books, reference books, and current periodicals, are loaned for a period of one month. If, however, a book or periodical which has been loaned is wanted by another person or is needed for use in the Library, the librarians reserve the right to recall it from the original borrower after one week has elapsed. Books not in demand may be renewed at the expiration of the month.

No student of the University is ordinarily permitted to borrow for use out of the Library more than three books or periodicals at a time. All books borrowed by students must be returned on the day before the last day of each semester. Books are loaned to students for vacation use only on special recommendation by an Instructor.

Reference books and current periodicals may be used in the reading rooms only. Reserved books may not be taken from the Library except upon presentation of a written

request from the Instructor for whom the book has been reserved. For each infringement of this rule the student will be fined ten cents; and he will not be permitted further use of the library books until he shall have presented a statement from the Treasurer of the University that the fine has been paid.

If a book, periodical, or pamphlet belonging to the Library be lost or in any way mutilated, the offender must pay to the Treasurer of the University the original price of the book, periodical, or pamphlet before he shall be permitted further use of the library books.

Other offences against the Library are treated as matters of University discipline. No student is permitted to graduate from any department until he has paid all library fines.

In Cooper Hall is also maintained a subscription periodical room under the management of a committee of Chinese and foreigners. The annual subscription fee is three dollars Chinese currency or the cost of one periodical acceptable to the committee. This room is open daily, and about fifty periodicals are on file.

Literary Societies.

All students are encouraged to join a Literary Society, and below the college grade membership in such a society is compulsory. All societies are under faculty supervision. The objects of the societies are to offer opportunity for consecutive expression, both in English and Chinese, to develop resourcefulness in debate, to make the students familiar with current events, and to give training in the preparation of material for oral presentation.

Religious Activities.

All students of good moral character and with an earnest purpose to fit themselves for useful lives will be admitted to the University.

additional expense as necessary ; if there are unused balances, these will be returned to the students at graduation.

Each student in the College of Agriculture and Forestry must have at least two work uniforms, a pair of leather shoes, an oil-cloth coat with hood, and an oil-cloth in which to carry bedding in rainy weather. The uniforms should be purchased in Nanking.

Former students who fail to register before the day set for the beginning of class work will be charged \$2 late fee.

The Regents of the University of New York charge \$5 (gold) for diploma and \$1 (gold) for the certificate of the Secretary of State.

The fee for special examinations for the removal of conditions (on dates other than those set for conditional examinations) is fifty cents.

Scholarships.

Each co-operating mission is allowed to register a limited number of students in any department without tuition. It is strongly urged that no student whose grade falls below 80 for two successive semesters or below 75 for a single semester be continued on the scholarship list of any mission. It is also urged that no scholarships be granted to students below middle school (中學) grade. The University deems it very desirable that missions or individuals conferring scholarships should arrange with the students for the repayment of funds invested in their support.

In the College of Agriculture and Forestry all except the government scholarships are classed as *work* scholarships. These require that the holders work for the value of the scholarships received. It is requested that individuals or societies who desire to establish scholarships or to send scholarship students to the College of Agriculture and Forestry shall write to the Dean before such scholarships are established or such students sent.

Class of 1915 Scholarship.

The Class of 1915 Scholarship, amounting to sixty dollars a year, is given by the graduates of the college class of 1915 in appreciation of the benefits of Christian education which they received in the University of Nanking.

Prizes.

PRIZES IN ORATORY. An annual oratorical contest, for competition both in Chinese and in English, is held in the spring semester, toward the end of June. This contest is open to students of all departments. Appropriate badges are awarded the winners of first and second places, both in Chinese and in English. The winners in 1916 were, in Chinese, first Hsu Cheh, second Djang Fang; in English, first Lo Liang-chu, second Li Lien-fong. The winners in 1917 were, in Chinese, first Hsu Cheh, second Liu Cheng-yü; in English, first Tsui Tsiang-gih, second Tang Meo-ru.

BOWEN PRIZES. The Bowen prizes of \$15 and \$10 respectively, offered by President Bowen, will be given for the best and second best collections of entomological specimens. This competition is open to any student registered in the College of Agriculture and Forestry or in the Junior College course preparatory for the College of Agriculture and Forestry. The prizes will be awarded on October 15, 1917, and all collections must be presented to the instructor in charge fifteen days before that date. For detailed information candidates should consult Professor Y. H. Tsou.

FAY PRIZES. The Fay prizes of \$15 and \$10 respectively, offered by Mr. Harold V. V. Fay, will be given for the best and second best collections of botanical specimens. This competition is open to any student registered in the College of Agriculture and Forestry or in the Junior College course preparatory for the College of Agriculture and Forestry. The prizes will be awarded on October 15, 1917, and all collections

must be presented to the instructor in charge fifteen days before that date. For detailed information candidates should consult Professor Y. H. Tsou.

WHEELER PRIZES. The Wheeler prizes of \$15 and \$10 respectively, offered by the Rev. W. Reginald Wheeler of Hangchow, will be given for the best and second best collections of seeds of any description, tree, fruit, flower, grasses, farm crops, and weeds. This competition is open to any student registered in the College of Agriculture and Forestry or in the Junior College course preparatory for the College of Agriculture and Forestry. The prizes will be awarded on December 31, 1917, and all collections must be presented to the instructor in charge fifteen days before that date. For detailed information regarding this competition see Professor Reisner.

THE COLLEGES.

GENERAL STATEMENT.

The organization of the Colleges represents a combination of the Chinese government and the American systems. The Senior Colleges are equivalent, in general, to the Chinese "University" (本科) and are designed to give special training in limited fields. The Junior College is equivalent to the Chinese "University-Preparatory" (預科) and is intended to fit students for further work in the Senior Colleges or in other institutions, or for work outside of school. There are at present two Senior Colleges, the College of Arts and the College of Agriculture and Forestry.

ADMISSION.

Graduates from the Junior College are admitted to full standing in the Senior Colleges without examination; but if the work taken in the Junior College does not include all courses pre-requisite for the particular Senior College which the student wishes to enter, he is required to take such pre-requisite courses in the Junior College. On the other hand, elective credit is given in the Senior Colleges for Junior College work already done but not required for entrance into the particular Senior College selected, provided such work is included among the regular electives of the Senior College in which the student is to be registered. Students in either Senior College are permitted to take courses in the other college whenever such students have completed the prescribed pre-requisites for the courses desired and the deans of both colleges approve of the arrangement.

Students who are not graduates from the Junior College are admitted to the Senior Colleges upon examination or upon presentation of satisfactory evidence that they have completed two years of scholastic work after graduation from a middle

or "high" school of recognized standing and that such work includes adequate instruction in the subjects taught in the Junior College.

Admission to the Junior College is granted to students who have completed studies equivalent to the course prescribed for the University Middle School. "Equivalent" means that an amount of *time* equal to that given in the University Middle School has been spent in Chinese, English, science, and mathematics, and in additional subjects equal in amount to the additional subjects in the University Middle School requirements. In all cases students must present satisfactory evidence as to scholarship, character, and the amount of work done. Such evidence must come from the authorities of the school in which courses submitted have been taken. In doubtful cases, examinations are required. Otherwise, students are assigned to classes without examination, but strictly subject to their ability to make satisfactory progress.

Advance standing is determined on the same general basis as admission.

GRADUATION.

The completion of the prescribed course and evidence of good moral character are the requirements for graduation. Graduates from the College of Arts are recommended to the Regents of the University of the State of New York, who grant the usual bachelor degrees. Similar arrangements are being made for the College of Agriculture and Forestry. A certificate is granted upon graduation from the Junior College.

FEES.

See pages 18-20.

THE COLLEGE OF ARTS.

FACULTY.

BOWEN, ARTHUR JOHN, LL.D., President, English Literature.
 WILLIAMS, JOHN ELIAS, D.D., Vice-President, Greek.
 SARVIS, GUY WALTER, M.A., Dean, Sociology and Economics.
 *BULLOCK, AMASA ARCHIBALD, M.S., Education.
 †CHEN PAK-HOO, M.A., Economics.
 CLEMONS, HARRY, M.A., English Language and Literature.
 DOWNEY, JOHN FLORIN, D.Sc., Astronomy and Mathematics.
 HAMILTON, CLARENCE HERBERT, Ph.D., Philosophy and Psychology.
 HUMMEL, WILLIAM FREDERICK, M.A., Religious Education.
 ING ZAUNG-TEH, M.A., Biology.
 LEE, ALEXANDER YING, M.S., Chemistry.
 LIU KING-SHU, Ph.D., Chinese Philosophy, History, and Literature.
 †MCAFEE, KENNETH, M.A., Physics and English.
 *ROYS, HARVEY CURTIS, B.S., Physics.
 SETTLEMYER, CHARLES SPURGEON, M.A., History and Political Science.

* On furlough, 1917-1918. † 1916-1917. ‡ 1917-1918.

COURSES OF STUDY.

The elective system, with certain limitations, is used in the College of Arts, but the following courses, making a total of 55 units, are required of all students:—

Astronomy 141 or Geology 146	5 units	Philosophy (ethics) 151	... 5 units
Biology or Physiology 146	5	Political Science 141	... 5
Chinese 141, 146	... 10	Psychology 141	... 5
Education 156	... 5	Sociology 141	... 5
English 141, 146	... 10		

In addition to these required courses, 60 units of electives are required. Of these, 30 units must be selected from two classes within any one of the first three groups and the other

30 units may be selected from any group or class. The use of Group IV is explained below; under "Seminary Credit."

Group I. Language.

1. Chinese
2. English
3. German
4. Greek

Group II. Social Science.

1. Education
2. History and Political Science
3. Philosophy and Psychology
4. Religion
5. Sociology and Economics.

Group III. Science and Mathematics.

1. Astronomy and Geology
2. Biological Sciences
3. Chemistry
4. Mathematics
5. Physics

Group IV. Seminary Preparatory.

1. History of Religion
2. Psychology 141, 146
3. Sociology 141, 146
4. Chinese 141, 146, 151, 156

For details about the Senior College courses offered in each group, together with the order in which courses may be taken, see "Description of Courses" pages 44-80.

All courses are at present one semester courses representing five units. One unit stands roughly for a passing grade on one hour of recitation and from one and one-half to two hours of preparation once a week during one semester. In laboratory subjects, two hours of laboratory work and approximately forty-five minutes of preparation per week are required for one unit.

SEMINARY CREDIT. For students desiring to enter the Nanking Theological Seminary the following provision is made, in addition to one year of Greek offered in the regular college course. The Seminary will give 15 "year-hours" of credit (equal to 30 University College units) to any student who has taken one year of Greek and has completed 30 units from the Seminary Preparatory Group; and the College of Arts will give 30 units of credit (equal to 15 Seminary "year-hours") to students who complete five "year-hours" in each of the following courses in the Seminary: Church History, Old Testament Introduction, and New Testament Introduction. The University College of Arts diploma will be conferred after the completion of these 15 "year-hours" provided that the student has already completed 85 college units, which must include all the college required courses and the courses in the Seminary Preparatory Group.

THE COLLEGE OF AGRICULTURE AND FORESTRY.

THE FACULTY.

- BOWEN, ARTHUR JOHN, LL.D., President.
 WILLIAMS, JOHN ELIAS, D.D., Vice-President.
 BAILIE, JOSEPH, B.A., Dean.
 CLEMONS, HARRY, M.A., English Language and Literature.
 ING ZAUNG-TEH, M.A., Biology, Plant Physiology.
 LEE, ALEXANDER ING, M.S., Chemistry.
 LIU KING-SHU, Ph.D., Chinese Literature.
 †McAFEE, KENNETH, M.A., Physics and English.
 OWEN, LOUIS JAMES, English.
 REISNER, JOHN HENRY, M.S.A., Soils and Farm Crops.
 *ROYS, HARVEY CURTIS, B.S., Physics and Surveying.
 †SHIH PING-CHI, Forestry.
 †TSOU PING-WEN, B.S., Plant Pathology and Botany.
 TSOU YING-HSUAN HSUWEN, M.S., Biology, Botany, and Entomology.
 †WISNER, VICTOR, M.F., Forestry.
 †WIXON, ADELAIDE MAY, English.
 WOO SHEO-DAO, B.A., English.
 †WOODWORTH, CHARLES W., M.S., Special Investigator and Lecturer on Entomology.
 YANG KWAI-CHEN, Chinese Writer.

*On furlough 1917-1918. †For 1916-1917. ‡For 1917-1918.

‡Graduate of the Forest School, Bureau of Forestry, Philippine Islands.

GENERAL STATEMENT.

Introductory.

The College of Agriculture was opened in the autumn of 1914, and the Forestry Department in the following spring. In June, 1915, at the request of the Chinese Government, arrangements were made for the transfer of their forestry students from Peking to the University of Nanking. In addition to the sanction thus given to the College of Agriculture and Forestry, the Government has made a definite grant of money to aid in its development. The governors of Anhwei, Shantung, Kiangsi, Yunnan, and Kiangsu have officially recognized the College, the first four by sending scholarship students to be trained and the last by a grant of money. The Forest Fund Committee of Shanghai has also transferred its students from the former German school at Tsingtau and has established three additional scholarships at Nanking.

Equipment.

In addition to special laboratories in agronomy, botany, biology, and entomology, the whole equipment of the University is available for students in the College of Agriculture and Forestry. Under certain conditions (see page 23) they may also elect courses in the College of Arts.

Practical Work.

Forestry. By the courtesy of the Nanking Branch of the Colonization Association, the whole of Purple Mountain, granted to this Association by the Peking Government for reforestation, is made available for the use of forestry students. The problems of Purple Mountain are typical of those of a large part of China. There is excellent opportunity to study a large variety of native forests at Bao Hwa Shan, Ling Guh Sz, and in the neighborhood of Chuchow. These and other

forests are visited on field trips. (See Field Work for Forestry Students, page 63.)

Agriculture. The University has turned over to the College of Agriculture all its vacant land, most of which is well suited for cultivation. A large part of this is now being used for gardens, nurseries, and farm crops, and the remainder is used by the students for experimental work. This work includes such fundamental processes as the preparation of seed beds, sowing seeds, mulching, and the like. We expect soon to have a farm and stock ranch in running order, where the student will learn how to plough, harrow, cultivate, and harvest crops, and how to manage and care for all kinds of live stock. The equipment and practical work is adapted to Chinese conditions. (See Field Work for Agricultural Students, page 63.)

COURSES OF STUDY.

FIRST YEAR, AGRICULTURE AND FORESTRY.

<i>Autumn Semester.</i>			<i>Spring Semester.</i>		
	<i>Hours.</i>			<i>Hours.</i>	
Botany 141	... .. 4	Botany 146	... .. 4		
Chemistry 141 (agricultural students only)	... .. 5	Botany 148	... .. 5		
Farm Crops 141 (agricultural students only)	... .. 4	Chemistry 146 (agricultural students only)	... .. 5		
Meteorology 141	... .. 2	Entomology 146	... .. 4		
Silvics 141 (forestry students only)	... .. 4	Farm Crops 146 (agricultural students only)	... .. 4		
Soils 141	... .. 5	Silvics 146 (forestry students only)	... .. 4		
Field work 141	... ..	Field work 146	... ..	

SECOND YEAR, AGRICULTURE.

Botany 151	... .. 4	Botany 156	... .. 4
Economics 151	... .. 2	Entomology 156	... .. 3
Entomology 151	... .. 4	Pomology 156	... .. 5
Horticulture 151	... .. 5	Soils 156	... .. 2
Soils 151	... .. 3	Soils 158	... .. 2
Economics 143, Zoology 151, or electives	... .. 5	Botany 156a, or electives	... .. 5
Field work 151	... ..	Field work 156	... ..

THIRD YEAR, AGRICULTURE.

Animal Husbandry 161	... 5	Economics 166	... .. 3
Economics 161	... .. 3	Farm Mechanics 166	... .. 5
Farm Crops 161...	... .. 3	Forestry 166	... .. 2
Electives	... .. 10-15	Poultry Management 166	... .. 5
Field work 161	... ..	Electives	... .. 10-15
		Field work 166	... ..

Electives may be chosen from the following list of subjects or from other subjects agreed upon by the instructor and student and approved by the faculty. Both elective and regular courses are open to arts students who have the requisite preparation.

1. Study of certain fungous diseases in China.
2. Study of certain insect pests in China.
3. Native methods of combating insect pests and fungous diseases.
4. Study of the culture of any of the farm crops.
5. Native methods of handling farm manures and night soil.
6. Study of Chinese farm animals and the animal industry.
7. Study of native agricultural industries—such as the bean, flour, oil, etc.
8. Flora of Nanking.
9. Plant societies of Nanking.
10. Study of fruits in China.
11. Study of Chinese vegetables.
12. Rural economic conditions, e.g., land taxation.
13. Rural social conditions, e.g., village life.

SECOND YEAR, FORESTRY.

	<i>Hours.</i>		<i>Hours.</i>
Botany 153	... .. 3	Entomology 158...	... .. 4
Economics 151	... .. 2	Forestry 156 (History)	... .. 2
Entomology 151...	... .. 4	Forest Finance 156	... .. 3
Forest Laws 151	... .. 2	Forest Mensuration 156	... .. 2
Forest Physiography 151	... .. 3	Wood Technology 156...	... .. 4
Forest Seeding and Planting		Field Work 158	... ..
151	... .. 3		
Forest Utilization 151	... .. 4		
Field Work 153	... ..	

THIRD YEAR, FORESTRY.

Botany 161	... .. 4	Field Work 168; also including some work in Surveying and Forest Mensuration (166).
Economics 161	... .. 3	
Entomology 161...	... .. 4	
Forest Colonization 161	... .. 2	
Forest Working Plans 161	... .. 4	
Wood Preservation 161	... .. 4	
Field Work 163...	... ..

THE JUNIOR COLLEGE.

FACULTY.

The officers of administration are those of the College of Arts, and the instructors are those of the Senior Colleges and of the School of Education.

COURSE OF STUDY.

In as far as practicable, the courses of study are the same for all students in the Junior College; but these courses have been arranged especially with the purpose of enabling students to prepare for (1) the College of Arts, (2) the College of Agriculture and Forestry, (3) medical colleges where English is the medium of instruction, (4) teaching in middle schools.

A total of 88 units, taken in conformity with the schedule on page 32, is required for the completion of the course.

In the schedule, numbers refer to the numbers of courses as indicated in the Description of Courses, on pages 44-80. All classes meet five times weekly except those in Religious Education, Chinese 123, 128, 133, 138, and Mathematics 138, which meet twice a week. Of the courses starred in any column, two must be taken. Of those printed together opposite the same subject one must be taken.

	Arts				Agriculture & Forestry				Medicine				Education†			
	1st Yr.		2nd Yr.		1st Yr.		2nd Yr.		1st Yr.		2nd Yr.		1st Yr.		2nd Yr.	
	Fall	Spr.	Fall	Spr.	Fall	Spr.	Fall	Spr.	Fall	Spr.	Fall	Spr.	Fall	Spr.	Fall	Spr.
Biology			131				131	136			131	136			133	138
Chemistry	121				121	126	131	136	121	126	131	136			*	128
Chinese	121	126	131	136	121	126			121	126	131	136	121	126	131	136
Economics				136												
Education													121	126	131	136
English	121	126	131	136	121	126	133	138	121	126	131	136	121	126	131	136
Geology							131									
History		126	131													
Mathematics				136				136						121	126	
Physics	121	126			121	126			121	126				*	123	
Religious Education	121	126	131	136	121	126	131	136	121	126	131	136	121	126	131	136
Sociology																131

† See Teachers' Higher Course, page 34.

THE SCHOOL OF EDUCATION.

FACULTY.

BOWEN, ARTHUR JOHN, LL.D., President of the University.
WILLIAMS, JOHN ELIAS, D.D., Vice-President of the University.

*BULLOCK, A. ARCHIBALD, B.S., M.S., Dean, Psychology, Education Extension.

MOSS, LESLIE BATES, M.A., Acting Dean (1917-8), Education.

†CHANG TIEN-TSU, B.A., Demonstration Teacher, Education Extension.

HUMMEL, WILLIAM FREDERICK, M.A., Religious Education.

HUNG CHANG, B.A., Mathematics, History, Education Extension.

ING ZAUNG-TEH, M.A., Science, Psychology.

†KUNG TSEN, B.A., English, Demonstration Teacher.

†TAI PEN-SHANG, Vice-Principal of Model School, Demonstration Teacher.

WIXON, MISS ADELAIDE MAY, Principal of Model School.

WOO SHEO-DAO, B.A., Religious Education.

HUNG CHEN-TEO, Office Secretary.

* On furlough 1917-8.

† Have had special training in the Philippine Normal School and University.

GENERAL STATEMENT.

The School of Education works in connection with the other departments. It includes a Teachers' Higher Course of two years in the Junior College and a Teachers' Secondary Course of two years in the Middle School. Furthermore, the Model School and the Industrial Department are parts of the School of Education; and members of the School of Education faculty co-operate with the education extension activities of the Suwan Christian School Board.

TEACHERS' HIGHER COURSE.

The Teachers' Higher Course is provided for the purpose of training middle school teachers, and requires two years of work in the Junior College. The studies are so arranged that a student may select two major courses from the following three that are offered:—(1) English, (2) Chinese, (3) Science (taught in Chinese). By so doing he will be adequately prepared to teach these two subjects. It is hoped that those who have a good foundation in Chinese will elect Chinese as one of the majors, in order that they may become more modern teachers of Chinese. The professional courses cover sufficient ground to give a good foundation for teaching.

One Education Course in English, which is open as an elective for all senior college students, is offered each semester.

ADMISSION. Middle School graduation is required for entrance into the Teachers' Higher Course. The work is kept up to the grade of the work in English in the Junior College. It is hoped that in the near future it may be possible to offer this course also in English.

GRADUATION. Graduates of this course receive the Junior College Teachers' Higher Course certificate. This certificate will be accepted for matriculation in the Senior College, subject to the conditions stated for Senior College "Admission" on page 23.

FEES. See pages 18-20.

COURSE OF STUDY, TEACHERS' HIGHER COURSE.

FIRST YEAR, JUNIOR COLLEGE.

<i>Autumn Semester.</i>		<i>Spring Semester.</i>	
	<i>Hours.</i>		<i>Hours.</i>
Chinese 121*	} any two 10	Chinese 126*	} any two 10
English 121*		English 126*	
Physics 123		Chemistry 128	
Education 121	... .. 5	Education 126	... .. 5
Mathematics 121	... .. 5	Mathematics 126	... .. 5
Religious Education 123	... .. 2	Religious Education 128	... .. 2
Chinese 123 (Composition)	...	Chinese 128 (Composition)	...
	22		22

SECOND YEAR, JUNIOR COLLEGE.

Chinese 131*	} any two 10	Chinese 136*	} any two 10
English 131*		English 136*	
Biology 133		Biology 138	
Education 131	... .. 5	Education 136	... .. 5
Sociology 131, History 131,* or	... .. 5	Education 138	... .. 5
Economics*	... .. 5	Religious Education 138	... .. 2
Religious Education 133	... .. 2	Chinese 138 (Composition)	...
Chinese 133 (Composition)	...		
	22		22

*Regular Junior College courses.

TEACHERS' SECONDARY COURSE.

The Teachers' Secondary Course is given in the third and fourth years of the University Middle School. The object of this course is to prepare teachers for primary schools. Any students of the University Middle School who are recipients of mission scholarships may be required at the beginning of their third year to take this course.

ADMISSION. Students who have completed two years of the work of a recognized middle school may enter this course; but examination may be required in any subject in which there is question about the adequacy of preparation. As the course is taught in Chinese, any deficiency in English can be made up after entrance.

GRADUATION. Graduates will be given the University Middle School Teachers' Secondary Course certificate. This certificate will be accepted for matriculation in the Junior College.

FEES. See pages 18-20.

COURSE OF STUDY, TEACHERS' SECONDARY COURSE.

THIRD YEAR, MIDDLE SCHOOL.

<i>Autumn Semester.</i>	<i>Hours.</i>	<i>Spring Semester.</i>	<i>Hours.</i>
Chinese 101* or 105*	4	Chinese 102* or 106*	4
Chinese 101n or 105n... ..	2	Chinese 102n or 106n	2
Chinese 103* or 107*... ..	2	Chinese 104* or 108*... ..	2
Civics 101* (In Chinese) ...	2	Economics 106* (In Chinese) ...	2
Education 101	3	Education 106	3
English 101* or 105*	3	English 102* or 106*	3
Manual Training 101... ..	2	Manual Training 106	2
Physics 101* and Chemistry 101*	5	Botany 106* and Zoology 106* ...	5
Religious Education 103 or 107	2	Religious Education 104 or 108	2

FOURTH YEAR, MIDDLE SCHOOL.

Chinese 111* or 115*	4	Chinese 112* or 116*	4
Chinese 113* or 117*	2	Chinese 114* or 118*	2
Education 111	3	Education 116	3
Education 113	2	Education 118	2
English 111*	3	English 116*	3
Geography 111* (Physical) ...	5	History 118... ..	5
History 113	5	Physiology 116*... ..	5
Religious Education 113 or 117	2	Religious Education 114 or 118	2

*Regular Middle School courses.

THE INDUSTRIAL DEPARTMENT.

The Industrial Department has oversight of the work of all pupils taking courses in manual training. Courses of this sort are required in the Model School and in the Middle School Teachers' Secondary Course; and any student of the University may elect work in this department. Expert instruction is given in the use of wood, bamboo, willow, rattan, and straw. The articles made are placed on sale in the sales room. Orders for furniture, rugs, baskets, and such articles will be taken at any time.

EDUCATION EXTENSION WORK.

Several members of the faculty of the School of Education are working in co-operation with the Suwan Christian School Board for the improvement of teachers now in the field.

INSTITUTES. Beginning with one general institute held yearly at the University, the work has grown until the Suwan Christian School Board now has five regular appointments scheduled for each year, in various cities of the lower Yangtze Valley. Nearly all the teachers of the local mission schools are required to attend one of these Institutes each year, for a week of instruction and inspiration. Two or more of the faculty of the University School of Education go to each of these Institutes.

READING COURSE. A four-year Teachers' Reading Course is being arranged by the Suwan Christian School Board, and the School of Education is actively engaged in perfecting it. When this course is in full operation, the Board will honour with appropriate certificates those teachers who fulfil the requirements.

THE BULLETIN. The School of Education is editing each month for the Suwan Christian School Board a pamphlet which contains the regular and special announcements of the Board, and also carries many concrete and pertinent educational suggestions for the improvement of teachers and schools. These form, in the aggregate, progressive courses in various subjects, and are, in effect, classes in education.

THE PRIMARY AND SECONDARY GROUP.

OFFICERS OF ADMINISTRATION.

BOWEN, ARTHUR JOHN, LL.D., President of the University.
 WILLIAMS, JOHN ELIAS, D.D., Vice-President of the University.
 WILSON, WILBUR FISK, B.A., Superintendent.
 WREN CHU-LEO, B.A., Proctor.
 ING ZAUNG-TEH, M.A., Registrar.

GENERAL STATEMENT.

The Primary and Secondary Group of the University includes the Middle School and the Model School, the latter covering the years of lower and higher primary grade. This group is located on the original University site at Kan Ho Yen.

The whole group provides for eleven years of school work, four in the lower primary grades and three in the higher primary grades, making a total of seven years in the Model School, and four in the Middle School.

The four years of the Middle School course are equivalent to the fourth year of the former University Middle School and the first three years of the former University High School. The last year of the former High School course has become the first year of the present Junior College.

In the Model School the three years of higher primary grade were included in the former University Middle School course. The Model School is a part of the School of Education of the University and serves as the practice school for students in the teachers' training courses.

The administration of all the schools in this Primary and Secondary Group at Kan Ho Yen is united under one control represented by a Superintendent. The principals and faculties of the Middle and Model Schools direct the class room and study work of the pupils.

ADMISSION.

All students for the Middle and Model Schools register in the office of the Registrar, where, after payment of their fees to the University Treasurer, their work is assigned. Students bringing certificates from accredited schools are given credit, without examination, for the work done in those schools. The University reserves the right, however, to reassign any work in which the student is not satisfactorily prepared.

New students who do not bring certificates are examined in Chinese, English, and Mathematics, and are assigned to classes according to their evident standing.

GRADUATION.

On the satisfactory completion of the fourth and seventh years of the Model School course, students are granted regular lower primary and higher primary certificates. On the satisfactory completion of the course of study prescribed for the Middle School, students are granted a regular middle school certificate.

Students who desire one of the former University Middle School certificates are required to take the first year of the new Middle School course in addition to the new Model School course or its equivalent. Students who desire one of the former University High School certificates are required to take the first year of the Junior College course in addition to the new Middle School course or its equivalent.

In no case are both the old and the new certificates granted to the same person.

For Fees and Expenses see page 18. For Literary Societies see page 17. For Scholarships see page 20.

THE MIDDLE SCHOOL.

FACULTY.

WILSON, WILBUR FISK, B.A., Principal, English.
 BOWEN, ARTHUR JOHN, LL.D., English.
 *BULLOCK, A. ARCHIBALD, M.S., Education.
 CHANG HSIANG-SHU, B.A. (Chinese), Chinese Essays.
 CHANG SHEO-REN, B.A., Mathematics.
 CHANG TIEN-TSU, Education.
 CHEN CHING-CHANG, B.A., Chinese History and Civics.
 †CHEN PAK-HOO, M.A., Commercial Geography, Civics,
 and English.
 CHEO CHI-SHAN, B.A. (Chinese), Chinese.
 CHOI CHING-TING, B.A. (Chinese), Chinese.
 †CLARK, MISS MILDRED H., B.A., English.
 DOWNEY, MRS. JOHN FLORIN, English.
 HUMMEL, WILLIAM FREDERICK, M.A., Religious Educa-
 tion.
 LIU CHING-CHEN, B.A., English and Mathematics.
 LIU TSUNG-LUH, B.A., Chinese Language.
 TAYLOR, MISS EDNA GRACE, B.A., English.
 TSAN HEN, Chinese Language and Phonetics.
 †TSÜ TSEH-LING, B.A., Chinese History and Literature.
 †WILLIAMS, JOHN ELIAS, D.D., Religious Education.
 †WIXON, MISS ADELAIDE MAY, English.
 WOO SHEO-DAO, B.A., Religious Education.
 YIH HSIEN-TING, B.A. (Chinese), Chinese.

* On furlough 1917-1918. † 1916-1917. ‡ 1917-1918.

THE MIDDLE SCHOOL.

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COURSE OF STUDY.*

FIRST YEAR.

<i>Autumn Semester.</i>	<i>Hours.</i>	<i>Spring Semester.</i>	<i>Hours.</i>
Chinese 81 or 85	... 5	Chinese 82 or 86	... 5
Chinese 81a or 85a	... 2	Chinese 82a or 86a	... 2
Chinese 83 or 87...	... 2	Chinese 84 or 88	... 2
English 81 or 85	... 4	English 82 or 86	... 4
English 83 or 87	... 5	English 84 or 88	... 5
Geography 81 or 85	... 3	Geography 82 or 86	... 3
Mathematics 81 (Arithmetic) or 85 (Algebra)	... 4	Mathematics 82 (Arithmetic) or 86 (Algebra)	... 4
Religious Education 81 or 85	... 2	Religious Education 82 or 86	... 2

SECOND YEAR.

Chinese 91 or 95	... 4	Chinese 92 or 96	... 4
Chinese 93 or 97	... 2	Chinese 94 or 98	... 2
English 91 or 95	... 3	English 92 or 96	... 3
English 93 or 97	... 5	English 94 or 98	... 5
Geography 91 (Asia) or 95 (Commercial)	... 4	Geography 92 (Asia) or 96 (Commercial)	... 4
Mathematics 91 or 95 (Algebra)	4	Mathematics 92 or 96 (Algebra)	4
Religious Education 91 or 95	... 2	Religious Education 92 or 96	... 2

THIRD YEAR.

Chinese 101 or 105	... 4	Botany 106 and Zoology 106	... 5
Chinese 103 or 107	... 2	Chinese 102 or 106	... 4
Civics 101 (In Chinese)	... 2	Chinese 104 or 108	... 2
English 101 or 105	... 3	Economics 106 (In Chinese)	... 2
English 103 or 107	... 4	English 102 or 106	... 3
Mathematics 101 or 105 (Geometry)	... 4	English 104 or 108	... 4
Physics 101 and Chemistry 101	5	Mathematics 102 or 106 (Geometry)	... 4
Religious Education 101 or 105	2	Religious Education 102 or 106	2

FOURTH YEAR.

Chinese 111 or 115	... 4	Chinese 112 or 116	... 4
Chinese 113 or 117	... 2	Chinese 114 or 118	... 2
English 111	... 3	English 116	... 3
English 113	... 1	English 118	... 1
Geography 111 (Physical)	... 5	History 116 (General)	... 4
History 111 (General)	... 4	Physiology 116	... 4
Religious Education 111 or 115	2	Religious Education 112 or 116	2

* For Teachers' Secondary Course see page 36.

THE MODEL SCHOOL.

FACULTY.

WIXON, Miss ADELAIDE MAY (New York State Normal),
Principal, English.

* TAI PEN-SHANG, Vice-Principal, Demonstration Teacher.

CHANG YEH, B.A. (Chinese), Chinese.

CHEN SHUI-I, B.A., Arithmetic, Religious Education, Science.

CHEO CHI-SHAN, B.A. (Chinese), Chinese.

GILBERT, Mrs. ALVIN W., English.

* KUNG TSEN, B.A., English, Demonstration Teacher.

KWO PEI, Grade Teacher.

LI SHU-SHEN, B.A., Arithmetic, English, Religious Education.

LIU, Mrs. KING-SHU, B.S., Kindergarten.

† TSAN HEN, Chinese Language and Phonetics.

WU PING-KWIN, Grade Teacher.

* Have had special training in Philippine Normal School and University.

† Graduate of the Government Teachers' College, Nanking.

COURSE OF STUDY.

The course of study of the Model School follows, with sundry modifications, the course prescribed by the Suwan Christian School Board. All the subjects are taught in Chinese with the exception of the English classes in the fifth, sixth, and seventh (or higher primary) years. In beginning both Chinese and English, emphasis is laid on pronunciation by giving the students training in the elements of phonetics.

For details concerning the courses indicated on the following page see, for Chinese, page 48; for English, page 57; for Geography, page 66; for Manual Training, page 68; for Mathematics, page 69; for Religious Education, page 74; and for Science, page 77.

THE MODEL SCHOOL.

43

FIRST FOUR YEARS—LOWER PRIMARY.

Chinese, Literature, throughout.

Chinese, Writing and Composition, throughout.

Chinese, Good Manners and Morals, throughout.

Chinese, History, years three and four.

Geography, years three and four.

Manual Training, throughout.

Mathematics, throughout.

Religious Education, throughout.

Science, years three and four.

There are also courses in Music and Drawing, and during the first two years modern Kindergarten methods are introduced.

YEARS FIVE TO SEVEN—HIGHER PRIMARY.

Chinese, Literature, throughout.

Chinese, Writing and Composition, throughout.

Chinese, Prose, throughout.

Chinese, Good Manners and Morals, throughout.

Chinese, History, throughout.

English, throughout.

Geography, throughout.

Manual Training, fifth year.

Mathematics, throughout.

Religious Education, throughout.

Science, throughout.

DESCRIPTION OF COURSES.

In regard to the method of numbering courses which is here used, the following explanation may be helpful:—

I. *The figures to the left of the units figures indicate the year in the University course.* [Thus 11 means the first year, 44 the fourth year, 115 the eleventh year, and 168 the sixteenth year. There are sixteen years in the University course—four in the lower primary (10, 20, 30, 40), three in the higher primary (50, 60, 70), four in the middle school (80, 90, 100, 110), two in the junior college (120, 130), and three in the senior colleges (140, 150, 160).]

II. *The units figures if odd (1, 3, 5, 7), indicate the autumn semester, if even (2, 4, 6, 8), indicate the spring semester.* [Thus 11 and 115 mean the autumn semester, and 44 and 168 the spring semester.]

III. *The four lower units (1, 2, 3, 4), indicate the former "A" grade courses, i.e., courses which are begun in the autumn semester, though they may be repeated in the spring; the next four units (5, 6, 7, 8), indicate the former "B" grade courses, i.e., higher courses which are begun in the spring semester, though they may be repeated in the autumn.* [Thus 11 and 44 mean "A" grade courses, and 115 and 168 mean "B" grade courses.]

IV. *When letters are added to the numbers, it is done simply to distinguish the lettered courses from other courses having the same numbers.* [Thus Chinese 11 and Chinese 11a are different courses of the same year, semester, and grade.]

From the number of any course it is, therefore, possible to tell (1) the year in which the course is given, (2) the semester in which the course is given, and (3) whether the course is of autumn semester grade or of a more advanced spring semester grade.

Animal Husbandry.

161. This course offers a general study of the principal breeds and of the care and management of cattle, horses, swine, sheep, and goats.

College of Agriculture and Forestry, agricultural students, third year, autumn semester, five hours weekly. Required.

Astronomy.

141. This is an elementary course intended to give a general knowledge of the facts of astronomy, modern astronomical methods, and the planets and stars as seen in constellations. The text-book is Young's "Elements of Astronomy." Prerequisite, Mathematics 136.

College of Arts, first year, autumn semester, five hours weekly. Required if Geology 146 be not taken.

DESCRIPTION OF COURSES.

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Biology.

131. *General Biology.* This course is designed to afford a foundation suitable for the study of the more specialized biological sciences, as well as to provide a general view of the science of life. It includes the study of the form, structure, and functions of typical plant and animal organisms, together with their relations with each other and with the inorganic world, and presents an outline of the more important biological theories.

Junior College, second year, autumn semester, five hours weekly. Required of arts, agricultural, forestry, and medical students. Laboratory fee, three dollars.

133. *Biology for Teachers.* This course is similar to Biology 131, but special emphasis is placed upon methods of teaching and upon the selection, collection, and preparation of materials for instruction. Taught in Chinese.

Junior College, second year, Teachers' Higher Course, autumn semester, five hours weekly. Laboratory fee, three dollars.

136. *General Biology.* This is a continuation of Biology 131.

Junior College, second year, spring semester, five hours weekly. Required of agriculture, forestry, and medical students.

138. *Biology for Teachers.* This is a continuation in the spring semester of Biology 133.

151. *Bacteriology.* This course treats of the general distribution and activities of micro-organisms, emphasizing their relationship to industrial processes and health conditions. The student will be given training in bacteriological technique by practice in the preparation of culture media and by practice in isolation, inoculation, sterilization, and disinfection. Prerequisite, Biology 131, 136.

College of Arts, second year, autumn semester, five hours weekly. Elective. Laboratory fee, three dollars. [Not given in 1917-18.]

156. *Histology and Micro-technique.* A course which treats of cells and their various modifications into tissues. In the laboratory the student acquires training in killing, fixing, imbedding, staining, and mounting tissues from different organisms. Prerequisite, Biology 131, 136.

College of Arts, second year, spring semester, five hours weekly. Elective. Laboratory fee, three dollars. [Not given in 1917-18.]

Botany.

106. *Elementary Course.* This is an elementary course, combining text-book recitations and laboratory work with some outdoor work. The course is given in Chinese.

Middle School, third year, first half of spring semester, five hours weekly. Laboratory fee, three dollars.

Botany (continued).

141. *Introductory Course.* The work of the first semester is planned to give the students a thorough knowledge of the morphology and physiology of the leaf, stem, root, flower, and seeds of plants.

College of Agriculture and Forestry, first year, autumn semester, four hours weekly. Required. Laboratory fee, three dollars.

146. *Morphology of Plants.* This course will include a systematic study of the plant kingdom, paying special attention to those groups which are of economic importance. Lectures, reference assignments, recitations, laboratory and field work. Prerequisite, Botany 141.

College of Agriculture and Forestry, first year, spring semester, four hours weekly. Required. Laboratory fee, three dollars.

148. *Plant Physiology.* This course includes a study of the principal life functions of plants, such as photosynthesis, respiration, transpiration, growth, and of the responses of plant life to environmental conditions and physical stimuli. Duggar's "Plant Physiology" is used as a text. Lectures, recitations, and laboratory practice.

College of Agriculture and Forestry, first year, spring semester, five hours weekly. Laboratory fee, three dollars.

151, 156. *Plant Pathology.* These courses treat of the nature, causes, and methods of control of plant diseases. Duggar's "Fungous Diseases of Plants" is used as a text. Botany 141, 146, and 148 are prerequisite for course 151; course 151 is prerequisite for course 156.

College of Agriculture and Forestry, agricultural students, second year, autumn and spring semesters, four hours weekly. Laboratory fees respectively three dollars and two dollars.

151a, 156a. *Plant Histology and Cytology.* This course is designed to give the student a knowledge of the morphology and physiology of the plant cell and tissue. The laboratory work will include a thorough training and practice in micro-technique. Botany 141 and 146 are prerequisite courses.

College of Agriculture and Forestry, second or third year, autumn and spring semesters, five hours weekly. Elective. Laboratory fee, four dollars.

151b. *Taxonomy of the Higher Plants.* This course treats of the different families of plants according to evolutionary principles. A selective study of the local flora is made to illustrate the lectures and recitations. Botany 141 and 146 are prerequisite courses.

College of Agriculture and Forestry, second or third year, autumn semester, five hours weekly. Elective.

153. *Dendrology.* This course deals with the growth, habits, and habitat of the native trees, the forest areas of China, and the agencies which are injurious to forest trees.

College of Agriculture and Forestry, forestry students, second year, autumn semester, three hours weekly. Laboratory fee, three dollars.

Botany (continued).

161. *Forest Pathology.* This is a study of the causes, nature, and remedies of destructive diseases of forest trees, particularly those of fungus origin.

College of Agriculture and Forestry, forestry students, third year, autumn semester, four hours weekly. Laboratory fee, three dollars.

Chemistry.

101. *Elementary Chemistry.* This is a general course in elementary chemistry, given in Chinese.

Middle School, third year, half of autumn semester, five hours weekly.

121. *Introductory Chemistry.* This course is a general study of both non-metallic and metallic elements. Some of the fundamental laws and theories are also given. The course is intended to give students experience in laboratory manipulation and to introduce them to elementary chemical phenomena. This is prerequisite to later courses. The text-book is McPherson and Henderson's "First Course in Chemistry."

Junior College, first year, autumn semester, five hours weekly. Required of all arts, agricultural, forestry, and medical students.

126. *General Inorganic Chemistry.* This course includes a general study of the non-metallic elements. The fundamental laws and theories of chemistry are considered in connection with those chemical reactions which they help to explain. Emphasis is laid on the quantitative character of chemical changes. The text-book is McPherson and Henderson's "College Chemistry." Chemistry 121 is prerequisite.

Junior College, first year, spring semester, five hours weekly. Required of agricultural, forestry, and medical students.

128. *Chemistry for Teachers.* Normal students will be trained to observe (1) the chemical changes that can be seen in the growth and decay in the natural world of one's immediate environment, and (2) the chemical actions that underlie the common cooking and manufacturing processes. The course is taught in Chinese.

Junior College, Teachers' Higher Course, first year, spring semester, five hours weekly.

131. *General Inorganic Chemistry.* This is a continuation of Chemistry 126. The metallic elements are studied, with special attention to those properties of the elements which are useful in analytical chemistry. The text-book is McPherson and Henderson's "College Chemistry."

Junior College, second year, autumn semester, five hours weekly. Required of agricultural, forestry, and medical students.

136. *Qualitative Analysis.* This is a course dealing with the systematic separation and identification of the more important chemical elements and compounds. Numerous mixtures of unknown salts are

Chemistry (continued).

analyzed and identified by each student. Baskerville and Cortman's "Qualitative Analysis" is the text-book. Chemistry 131 is prerequisite.

Junior College, second year, spring semester, five hours weekly. Required of agricultural, forestry, and medical students.

141. *Quantitative Analysis*. The common gravimetric and volumetric methods of quantitative analysis are studied in this course. A number of quantitative analyses of the common elements are made. Lectures and laboratory. Chemistry 136 is prerequisite.

College of Agriculture and Forestry, agricultural students, first year, autumn semester, five hours weekly.

143, 148. *Organic Chemistry*. The autumn semester includes a study of substances belonging to the aliphatic series or acyclic carbon derivatives; the spring semester includes a study of substances belonging to the aromatic series or cyclic carbon derivatives. Special attention is given to alkaloids. The text-book is Cohen's "General Organic Chemistry." Chemistry 136 is a prerequisite. Laboratory work is emphasized.

Senior Colleges, first year, autumn and spring semesters, five hours weekly. Required of medical students in the Junior College.

146. *Agricultural Chemistry*. This is a course treating of the relations of chemistry and agriculture. There is a study of the chemical composition and properties of plants, soils, fertilizers, fungicides, insecticides. Practical laboratory practice will supplement the lectures. Chemistry 141 is prerequisite.

College of Agriculture and Forestry, agricultural students, first year, spring semester, five hours weekly.

151, 152. *Industrial Chemistry*. This course includes the study of the manufacture of various industrial products and of the principles involved therein. Emphasis is given to laboratory work. The text-book is Benson's "Industrial Chemistry." Chemistry 143 and 148 are prerequisite courses.

Senior Colleges, second year, autumn or spring semesters, five hours weekly. Elective.

Chinese.

It is the purpose of the Department of Chinese to present the subject-matter in the following courses in such a way as to afford the student a basis for control in the social activities of life in which he will engage, and to put him into possession of the knowledge and technique which, in addition to his knowledge of other subjects, are necessary for him, as a member of the Chinese race, in order to lead a socially efficient life in Chinese society.

11, 12 and 15, 16; 21, 22 and 25, 26; 31, 32 and 35, 36; 41, 42 and 45, 46. *Literature*. National Readers, Practical Series, published by the

Chinese (continued).

Commercial Press. One volume is read in each of these semester courses.

Model School*, years one to four (lower primary), each course being given each semester, ten lessons weekly.

11a, 12a and 15a, 16a; 21a, 22a and 25a, 26a; 31a, 32a and 35a, 36a; 41a, 42a and 45a, 46a. *Writing and Composition*. Each class is given one lesson a day in each of these subjects.

Model School, years one to four (lower primary), each course being given each semester, ten lessons weekly.

13, 14 and 17, 18; 23, 24 and 27, 28; 33, 34 and 37, 38; 43, 44 and 47-48. *Good Manners and Morals*. Ethical Readers, Practical Series, published by the Commercial Press. One volume is read in each of these semester courses.

Model School, years one to four (lower primary), each course being given each semester, two lessons weekly.

33a, 34a and 37a, 38a. *History*. Chinese Hero Stories, selected.

Model School, third year (lower primary), each course being given each semester, three lessons weekly.

43a, 44a and 47a, 48a. *History*. The text is "Western Hero Stories," issued by the Canadian Methodist Mission Press.

Model School, fourth year (lower primary), each course being given each semester three lessons weekly.

51, 52 and 55, 56; 61, 62 and 65, 66; 71, 72 and 75, 76. *Literature*. National Readers, Practical Series, published by the Commercial Press. One volume is used in each of these semester courses.

Model School, years five to seven (higher primary), each course being given each semester, ten lessons weekly.

51a, 52a and 55a, 56a; 61a, 62a and 65a, 66a; 71a, 72a and 75a, 76a. *Writing and Composition*. Each class is given one lesson a day in each of these subjects.

Model School, years five to seven (higher primary), each course being given each semester, ten lessons weekly.

51b, 52b and 55b, 56b; 61b, 62b and 65b, 66b; 71b, 72b and 75b, 76b. *Prose*. Chinese Prose, Selections, as issued by the Commercial Press. One volume is read in each of these semester courses. (This series takes the place of the "Four Books.")

Model School, years five to seven (higher primary), each course being given each semester, five lessons weekly.

* *The Chinese courses in the Model School are subject to modification.*

Chinese (continued).

53, 54 and 57, 58; 63, 64 and 67, 68; 73, 74 and 77, 78. *Good Manners and Morals*. Ethical Readers, Practical Series, published by the Commercial Press. One volume is read in each of these semester courses.

Model School, years five to seven (higher primary), each course being given each semester, two lessons weekly.

53a, 54a and 57a, 58a; 63a, 64a and 67a, 68a; 73a, 74a and 77a, 78a. *History*. History of China, Practical Series, published by the Commercial Press.

Model School, years five to seven (higher primary), each course being repeated each semester, five lessons weekly.

81, 82. (a) *Kwoh Wen*. The course includes the reading of masterpieces of present-day authors. (b) *Composition and Discussion*.

Middle School, first year, repeated each semester, five hours weekly.

81a, 82a. *Penmanship*.

Middle School, first year, repeated each semester, two hours weekly.

83, 84. *History of China*, from the earliest period to the two Tsings. This course is taught after the modern method; maps are used and dates are given in terms of the Christian era.

Middle School, first year, repeated each semester, two hours weekly.

85, 86. (a) *Kwoh Wen*. (b) *Composition and Discussion*. This is a continuation of Chinese 81, 82.

Middle School, first year, repeated each semester, five hours weekly.

85a, 86a. *Penmanship*. This is a continuation of Chinese 81a, 82a.

Middle School, first year, repeated each semester, two hours weekly.

87, 88. *History of China*, from the two Tsings Dynasty to the Sung Dynasty.

Middle School, first year, repeated each semester, two hours weekly.

91, 92. *Kwoh Wen*. The course includes the reading of masterpieces of the Tsing Dynasty, the emphasis being laid on those of a descriptive character. The students are required to hand in a letter a week.

Middle School, second year, repeated each semester, four hours weekly.

93, 94. *History of the Sung, Yuen, and Ming Dynasties*.

Middle School, second year, repeated each semester, two hours weekly.

95, 96. *Kwoh Wen*. The course includes the reading of masterpieces of the Ming Dynasty and the writing of letters and compositions of a descriptive character.

Middle School, second year, repeated each semester, four hours weekly.

Chinese (continued).

97, 98. *History of the Tsing Dynasty*.

Middle School, second year, repeated each semester, two hours weekly.

101, 102. *Kwoh Wen*. Masterpieces of the Sung Dynasty are read. Students learn to write public documents such as petitions and the like.

Middle School, third year, repeated each semester, four hours weekly.

101n, 102n. *Composition for Teachers*. Normal students are given copious practice in written expression and in business forms, including letter writing. The teacher meets the students as a whole once each week; in addition he meets each student individually for a brief conference once each week.

Middle School, third year, Teachers' Secondary Course, repeated each semester, two hours weekly.

103, 104. *Wen Tsz Men Chiu*. This is an elementary course in the evolution of Chinese characters.

Middle School, third year, repeated each semester, two hours weekly.

105, 106. *Kwoh Wen*. This course includes the reading of masterpieces of the Tang Dynasty. There is continued practice in the writing of public documents.

Middle School, third year, repeated each semester, four hours weekly.

105n, 106n. *Composition for Teachers*. This is a continuation of Chinese 101n, 102n.

Middle School, third year, Teachers' Secondary Course, repeated each semester, two hours weekly.

107, 108. Selections from the *Shi King*.

Middle School, third year, repeated each semester, two hours weekly.

111, 112. *Kwoh Wen*. The course includes the study of Shi Chi and Han Shu. The students learn to write orations and the regular essays.

Middle School, fourth year, repeated each semester, four hours weekly.

113, 114. Selections from the *Shu King*.

Middle School, fourth year, repeated each semester, two hours weekly.

115, 116. *Kwoh Wen*. The course includes the study of the writers of the San Chuan. There is continued practice in the writing of orations.

Middle School, fourth year, repeated each semester, four hours weekly.

117, 118. Selections from *Shu King* and *Li Chi*.

Middle School, fourth year, repeated each semester, two hours weekly.

Chinese (continued).

121. *History of Chinese Literature.* This is a systematic course treating of the development of Chinese literature, with emphasis on the relation of the literature of each period to its cultural milieu. (b) *Advanced Composition*, with occasional practice in the translation from English into Chinese.

Junior College, first year, autumn semester; (a) *History of Chinese Literature* two hours weekly; (b) *Composition* three hours weekly. Required of arts, agricultural, forestry, and medical students.

123, 128. *Composition for Teachers.* The object of this course is to give normal students a thorough study in the principles that underlie all composition and to train the students to attain a clear style of expression that will be acceptable anywhere in China.

Junior College, first year, Teachers' Higher Course, both semesters, two hours weekly. This is a non-credit but required course. [Not given in 1917-8.]

126. (a) *History of Chinese Literature.* This is a continuation of Chinese 121. (b) *Composition and Rhetoric.*

Junior College, first year, spring semester; (a) *History of Chinese Literature* two hours weekly; (b) *Composition and Rhetoric* three hours weekly. Required of arts, agricultural, forestry, and medical students.

131. (a) *The Four Books.* The course includes a systematic and critical study of the Four Books, showing how they have moulded the Chinese mind. (b) *Composition and Rhetoric.*

Junior College, second year, autumn semester, (a) *Four Books* three hours weekly; (b) *Composition and Rhetoric* two hours weekly. Required of arts and medical students.

133. *Rhetoric and Composition for Teachers.* This course is a continuation of Chinese 128. The weekly class with the instructor is devoted to a study of rhetoric applied to Chinese diction. The drill in compositions continues as in Chinese 123, 128.

Junior College, second year, Teachers' Higher Course, autumn semester, two hours weekly. This is a non-credit but required course. [Not given in 1917-8.]

136. (a) *The Four Books.* This is a continuation of Chinese 131. (b) *Composition and Rhetoric.*

Junior College, second year, spring semester, (a) *Four Books* three hours weekly; (b) *Composition and Rhetoric* two hours weekly. Required of arts and medical students.

138. *Composition and Public Speaking for Teachers.* In this course attention is given to the production of essays for oral presentation. The weekly class is devoted to a study of the principles of oratory based on grammar, rhetoric, and logic, and the weekly conference aims

Chinese (continued).

to lead the student to produce acceptable lectures, debates, and other forensic forms.

Junior College, second year, Teachers' Higher Course, spring semester, two hours weekly. This is a non-credit but required course [Not given in 1918.]

141, 146. *History of Chinese Thought.* This course includes a systematic study of the development of Chinese scientific, political, and social thought.

College of Arts, first year, both semesters, five hours weekly. Required.

151. *Chinese Philology.* The course includes a study of the Chinese phonetics and of the evolution of Chinese characters, with emphasis on the relation of these subjects to the study of Chinese social origins.

College of Arts, second year, autumn semester, five hours weekly. Elective.

156. *History of Chinese Civilization.* In this course there is a study of the development of the Chinese social and political organization, the educational system, Chinese art, etc.

College of Arts, second year, spring semester, five hours weekly. Elective.

161. *Selected Studies of the Tsz Pu.* This course is a critical and comparative study of selected philosophical systems and is designed to give the students training in independent research work.

College of Arts, third year, autumn semester, five hours weekly. Elective.

Civics.

101. This course is designed to enable students to study systematically the origin and development of the central and provincial governments of China, both past and present, and to compare in a general way the systems of government of several other nations. The course is given in Chinese.

Middle School, third year, autumn semester, two hours weekly.

Economics.

106. This is an elementary study of the essential principles which govern wealth getting and wealth using. Introductory lessons are given on such topics as money, banking, taxation, and insurance. The course is given in Chinese.

Middle School, third year, spring semester, two hours weekly.

136. This is an introductory course, combining a study of the economic phenomena observable daily and from these the consideration of fundamental economic laws. Selected questions drawn from conditions in China and from the "Outlines of Economics," published

Economics (continued).

by the University of Chicago Press, are used. Collateral readings and papers are required.

Junior College, second year, spring semester, five hours weekly. Required of arts students.

141. *Public Finance.* In addition to the work usually covered in such a course, special attention is given to the nature and function of money and banking. The text-book is Adams' "Public Finance."

College of Arts, first year, autumn semester, five hours weekly. Either this course or Economics 143 is required of arts students in Group II.

143. *The Economic Resources and Problems of China.* The student is required to be familiar with the important products of each province, with the processes of production, and with the means of distribution. Of necessity, the course is of the nature of a seminar, the material being gathered from various sources, among which are "The China Year Book," Morse's "Trade and Administration of the Chinese Empire," Richard's "Comprehensive Geography of China," and Wagel's "Finance in China."

College of Arts, first year, autumn semester, five hours weekly. Either this course or Economics 141 is required of arts students in Group II.

151. *Rural Credits.* This course gives an account of the methods of financing farmers in European countries, India, New South Wales, British Columbia, and the United States. Emphasis is laid on investigating plans employed or abuses practised in various districts in China, and an attempt is made to show how these plans can be improved and the abuses remedied. Special attention is given to the problem of the landless poor.

College of Agriculture and Forestry, agricultural and forestry students, second year, autumn semester, two hours weekly.

161. *Rural Economics.* The course deals with the general economic problems of agriculture.

College of Agriculture and Forestry, agricultural and forestry students, third year, autumn semester, three hours weekly.

166. *Rural Social Conditions.* This course deals with the general social conditions and problems of the rural population.

College of Agriculture and Forestry, agricultural students, third year, spring semester, three hours weekly.

Education.

101. *The Learning Process.* The course aims to introduce the student, through the consideration of his own thought processes, to a study of child psychology. The text-book is a translation of McMurry's "Study and Teaching How to Study." Taught in Chinese.

Middle School, third year, Teachers' Secondary Course, autumn semester, three hours weekly.

Education (continued).

106. *Child Study.* This is an elementary study of genetic psychology. The text is "Adaptation and Translation of Mme. Montessori," and "Child Study," both issued by the Chung Hwa Book Company. Taught in Chinese.

Middle School, third year, Teachers' Secondary Course, spring semester, three hours weekly.

111. *Principles of Education.* The course is designed to apply to practical teaching problems the principles of psychology. The text-book is a translation of Thorndike's "Principles of Education." Taught in Chinese.

Middle School, fourth year, Teachers' Secondary Course, autumn semester, three hours weekly. (This course may be preceded by Education 116 when necessary.)

113, 118. *Practice Teaching.* Each student is required to attend the demonstration classes provided and to teach classes assigned to him for periods covering about one-half semester each. The class period for such teaching is usually thirty minutes. In all, each student must teach four such classes. Conferences with the Critic Teacher, observation and demonstration teaching, and practice teaching will occupy about one hour per day. Taught in Chinese.

Middle School, fourth year, Teachers' Secondary Course, autumn and spring semesters, two hours weekly.

116. *School Organization and Management.* On the basis of the study of psychology and education in the preceding semester, the question of improving the procedure and organization of Chinese schools is taken up. The text is "Lectures on School Management," by the Chung Hwa Book Company. Taught in Chinese.

Middle School, fourth year, Teachers' Secondary Course, spring semester, three hours weekly.

121. *Genetic Psychology.* The aim of this course is to acquaint the student with the basic principles of mind development and to relate these clearly and forcibly to his own experience, so that as a teacher he will be better able to understand his pupils. The following English texts will be used as the basis of the work, but the course will be conducted in Chinese. Pyle's "Outlines of Educational Psychology," and Kirkpatrick's "The Individual in the Making."

Junior College, first year, Teachers' Higher Course, autumn semester, five hours weekly.

126. *Observation and Criticism.* The plan is to present the actual process of teaching to the student, and by means of well-directed and intelligent criticism to give him the essential principles of handling a class. The student is also required to prepare lessons and teach them,

Education (continued).

and, with the aid of the Critic Teacher, to criticize his own work. Taught in Chinese.

Junior College, first year, Teachers' Higher Course, spring semester, five hours weekly.

131. *History of Education.* This course aims to provide the student with a general view of the development of education and educational ideas from ancient times to the present, and to show the close relationships between the types of education and the civilization in which they existed. Text to be selected. Taught in Chinese.

Junior College, second year, Teachers' Higher Course, autumn semester, five hours weekly. [Not offered in 1917-8.]

136. *Educational Problems and Principles.* The purpose of this course is to round off in some measure the preparation of the student, to give him some insight into the problems before the teacher, and to help him formulate certain principles that will guide his future teaching. The course is given especially with the problems of the middle school teacher in mind. Text to be selected. Taught in Chinese.

Junior College, second year, Teachers' Higher Course, spring semester, five hours weekly. [Not offered in 1917-8.]

138. *Observation, Criticism, and Practice Teaching.* This course is a continuation of Education 126. Taught in Chinese.

Junior College, second year, Teachers' Higher Course, spring semester, five hours weekly. [Not offered in 1917-8.]

156. *The State and its Education.* This course will supply the students with the fundamental reasons for education and will seek to show the relationship between the systems of education and the social progress of the people. Lectures and references.

College of Arts, second year, spring semester, five hours weekly. Required of arts students, elective for students in the Teachers' Higher Course.

161. *Educational Norms.* This course will consist of assigned readings in current literature, followed by actual measurements of mental and physical conditions of Chinese children in the grades of various schools in the city. Education 156 is a prerequisite course.

College of Arts, third year, autumn semester, five hours weekly. Elective. Given every second year, alternating with Education 163. [Not given in 1917-8.]

163. *The Learning and Teaching Processes.* The course consists of a thorough examination of physiological, psychological, and other scientific data with the object of arriving at a modern, acceptable description of the process of learning, and of the methods of teaching that are based on such a description. Education 156 is a prerequisite course.

Education (continued).

College of Arts, third year, autumn semester, five hours weekly. Elective. This course alternates with Education 161. [Not given in 1917-8.]

English.

51, 52. *Beginning English.* The direct method is used in this course in conversational English. The students are first taught the system of phonetics from Gage's "Phonetic Primer"; then Gage's "First Lessons in Speaking, Book I" is used as a guiding text.

Model School, fifth year (higher primary), repeated each semester, five hours weekly.

55, 56. *Conversation.* This course is a continuation of English 51, 52, with the same methods and text-book.

Model School, fifth year (higher primary); open to students who have completed English 51, 52. A new class begins each semester. Five hours weekly.

57, 58. *Reading.* This introductory reading course is given parallel with English 55, 56. The text used is Gage's "First Reader."

Model School, fifth year (higher primary), repeated each semester, five hours weekly.

61, 62. *Conversation.* This is a second year course in conversation. The direct method is used exclusively, with Gage's "Second Book of Lessons in Speaking" as a guiding text.

Model School, sixth year (higher primary), repeated each semester, five hours weekly.

63, 64. *Reading.* Dictation, spelling, conversation, and composition are combined with this course in reading, which is given parallel to English 61, 62. Wade and Sylvester's "Second Reader" is used as a text.

Model School, sixth year (higher primary), given each semester, five hours weekly.

65, 66. *Conversation.* This is a continuation of English 61, 62, with the same text and method of presentation.

Model School, sixth year (higher primary), repeated each semester, five hours weekly.

67, 68. *Reading.* This is a course in reading, supplemented by conversation and composition. Wade and Sylvester's "Third Reader" is the text-book used.

Model School, sixth year (higher primary), repeated each semester, five hours weekly.

71, 72. *Language.* This is a course in language lessons with abundant oral and written composition and an introduction to elementary grammar based upon the sentence. Emerson and Bender's

English (continued).

"English Spoken and Written, Book II," is used as a text, Parts I and II being assigned to this course.

Model School, seventh year (higher primary); open to students who have completed the preceding courses in English. The course is repeated each semester, five hours weekly.

73, 74. *Reading.* For this course in reading and conversation Baldwin's "Fifty Famous Stories Retold" is used as a text.

Model School, seventh year; open to students who are taking English 71, 72. The course is repeated each semester, five hours weekly.

75, 76. *Language.* This course is a continuation of English 71, 72, with oral and written composition and a study of the parts of speech. Part III of Emerson and Bender's "English Spoken and Written, Book II" is covered by this course.

Model School, seventh year (higher primary), repeated each semester, five hours weekly.

77, 78. *Reading.* This course in reading is supplemented by conversation, dictation, and spelling. Baldwin's "Thirty More Famous Stories Retold" is the text used.

Model School, seventh year (higher primary), repeated each semester, five hours weekly.

81, 82. *Grammar.* The aim of this course in grammar is to enable the student to use the English language correctly in oral speech and written form. The sentence and its elements are presented in a practical rather than a technical fashion, and oral and written exercises furnish material for practice in the use of the principles involved. The course covers Part I, of Emerson and Bender's "English Spoken and Written, Book III."

Middle School, first year. Three years of English are prerequisite. The course is repeated each semester, four hours weekly.

83, 84. *Reading.* This is a course in reading, conversation, and interpretation. Wade and Sylvester's "Fourth Reader" is used as a text, the first half of the book being assigned to this course.

Middle School, first year, repeated each semester, five hours weekly.

85, 86. *Composition.* This course is devoted to the various forms of composition, including narration, description, exposition, letter writing, advertising, and telegrams. Emerson and Bender's "English Spoken and Written, Book III," Part II, is followed as a text.

Middle School, first year; open to students who have completed English grammar. The course is repeated each semester, four hours weekly.

87, 88. *Reading.* This reading course is a continuation of English 83, 84, selections from the second half of Wade and Sylvester's "Fourth Reader" furnishing the material.

Middle School, first year; open to students who have completed English 83, 84. The course is repeated each semester, five hours weekly.

English (continued).

91, 92. *Advanced Grammar and Composition.* This course gives a general review of grammar, with written exercises to illustrate the uses of the grammatical principles. Emerson and Bender's "English Spoken and Written, Book III," Part III, is the text-book used.

Middle School, second year, repeated each semester, three hours weekly.

93, 94. *Literature.* The aim of this course is to introduce the student to some of the English and American authors and their works. Defoe's "Robinson Crusoe" is the text for 1917-8.

Middle School, second year, repeated each semester, five hours weekly.

95, 96. *Advanced Grammar and Composition.* This course is a continuation of English 91, 92, and the text-book, Emerson and Bender's "English Spoken and Written, Book III," Part III, is completed.

Middle School, second year, repeated each semester, three hours weekly.

97, 98. *Literature.* This course continues the aim of English 93, 94. "Famous English Tales," issued by the Chung Hwa Book Company, is the text for 1917-8.

Middle School, second year, repeated each semester, five hours weekly.

101, 102. *Composition and Rhetoric.* This is a course in oral and written composition, dealing mainly with the writing of descriptions. Maxwell and Smith's "Writing of English" is the text-book used.

Middle School, third year, repeated each semester, three hours weekly.

103, 104. *Literature.* This course continues the reading of English 97, 98, the same text, "Famous English Tales," being used in 1917-8.

Middle School, third year, repeated each semester, four hours weekly.

105, 106. *Composition and Rhetoric.* In this course, which continues English 101, 102, narration receives emphasis, but exposition and argumentation are also included. Maxwell and Smith's "Writing in English" is completed.

Middle School, third year, repeated each semester, three hours weekly.

107, 108. *Literature.* The text-book in this course is, for 1917-8, "Famous English Fiction," published by the Chung Hwa Book Company.

Middle School, third year, repeated each semester, four hours weekly.

English (continued).

111, 116. *Readings in Science.* The purpose of this course is to combine the study of English with that of introductory science so as to arouse an interest in the higher sciences which follow. The text-book used is Caldwell and Eikenberry's "General Science."

Middle School, fourth year, continuing through the year, three hours weekly.

113, 118. *Current Events.* The class is required to keep note books either in Chinese or in English, giving a record of important items of news and of articles read. The class period is devoted to discussion and report.

Middle School, fourth year, repeated each semester, one hour weekly.

121, 122. *Language.* The course begins with a general review of grammar. This is followed by study of the principles of rhetoric combined with considerable practice in writing and in reading aloud. Herrick and Damon's "Composition and Rhetoric" is used, supplemented by Carpenter and Brewster's "Modern English Prose."

Junior College, first year, given each semester, five hours weekly.

126. *Language.* This is a continuation of English 121, 122. Herrick and Damon's "Composition and Rhetoric," is used, supplemented by a book of prose selections.

Junior College, first year, spring semester, five hours weekly. Open to students who have taken or are taking English 121, 122.

131. *Language and Literature.* This course is intended as an aid toward the acquisition of a modern English vocabulary and toward the development of literary appreciation. For 1917-8 the text-books are Merkley and Ferguson's "Composition-Rhetoric," Lincoln's "Selections," Franklin's "Life," and Hawthorne's "Twice-told Tales."

Junior College, second year, autumn semester, five hours weekly.

133. *Language and Literature.* This is a course offered in 1917-8 for students who will enter the College of Agriculture and Forestry. The texts are Herrick and Damon's "Composition and Rhetoric" and "Essays for College English," edited by J. C. Bowman and others.

Junior College, second year, autumn semester, five hours weekly. Open to properly qualified agricultural and forestry students.

136. *Language and Literature.* This is a continuation of English 131. For 1917-8 the text-books are Merkley and Ferguson's "Composition-Rhetoric" and Stevenson's "Inland Voyage," "Travels with a Donkey," and "Treasure Island."

Junior College, second year, spring semester, five hours weekly. Open to students who have taken English 131.

English (continued).

138. *Language and Literature.* This course, offered in 1917-8, is a continuation of English 133.

Junior College, second year, spring semester, five hours weekly. Open to agricultural and forestry students who have taken English 133 or its equivalent.

141. *History of English Literature.* The course gives a survey of English literature from its beginning to the end of the seventeenth century, with readings illustrative of the various periods studied. Long's "English Literature: Its History and Its Significance" is the text-book used for the historical survey.

College of Arts, first year, autumn semester, five hours weekly. Required.

146. *History of English Literature.* The course gives a survey of the literature from the eighteenth century to the present, with readings illustrative of the various periods studied. Long's "English Literature: Its History and Its Significance" is the text-book used for the historical survey.

College of Arts, first year, spring semester, five hours weekly. Required.

151. *Essays.* This is a reading course, with some study of the history and nature of the English essay. Bryan and Crane's "The English Familiar Essay" is used as a text-book.

College of Arts, second year, autumn semester, five hours weekly. Elective for students who have taken English 141 and 146.

156. *Novel.* This is a reading course, introduced by a review of the history of the English novel. Goldsmith's "Vicar of Wakefield," Scott's "Ivanhoe," Thackeray's "Henry Esmond," and George Eliot's "Silas Marner" are read in 1917-1918.

College of Arts, second year, spring semester, five hours weekly. Elective for students who have taken English 141 and 146.

161. *Shakespeare.* This course consists of a careful reading of "As You Like It," "Henry V," "Hamlet," and "The Tempest," with a brief general study of the English drama.

College of Arts, third year, autumn semester, five hours weekly. Elective for students who have taken English 141 and 146.

166. *Poetry.* This is a reading course in English poetry, supplemented by some study of poetic forms.

College of Arts, third year, spring semester, five hours weekly. Elective for students who have taken English 141 and 146.

Entomology.

146. *General Entomology.* Students are required to familiarize themselves with insect anatomy and to be able to recognize important

Entomology (continued).

families of insects. Comstock's "A Manual for the Study of Insects" is used as a text. Lectures, recitations, and laboratory practice.

College of Agriculture and Forestry, agricultural and forestry students, first year, spring semester, four hours weekly. Laboratory fee not over three dollars.

151. *General Entomology*. This is a continuation of Entomology 146.

College of Agriculture and Forestry, agricultural and forestry students, second year, autumn semester, four hours weekly. Laboratory fee not over three dollars.

156. *Economic Entomology*. This consists of a study of the life history and methods of control of injurious insects; it includes the consideration of the general principles of combating injurious insects.

College of Agriculture and Forestry, agricultural students, second year, spring semester, three hours weekly. Laboratory fee not over three dollars.

158. *Forest Entomology*. This course deals especially with the life history and control of the insects infesting the forest trees. Prerequisite to it are Entomology 146 and 151.

College of Agriculture and Forestry, forestry students, second year, spring semester, four hours weekly. Laboratory fee not over three dollars.

161. *Forest Entomology*. This is a continuation of Entomology 158.

College of Agriculture and Forestry, forestry students, third year, autumn semester, four hours weekly. Laboratory fee not over three dollars.

Farm Crops.

141, 146. *General Farm Crops*. These are courses dealing with the classification, characteristics, uses, culture, and improvement of the principal cereal and forage crops. Reference assignments, lectures, recitations, and laboratory practice.

College of Agriculture and Forestry, agricultural students, first year, both semesters, four hours weekly. Laboratory fee not over one dollar per semester.

161. *Plant Breeding*. A study of the laws of variation and heredity, of the theory of mutation, and of Mendel's Law, with the application of these to the methods of plant improvement, is the content of this course. Reference assignments, lectures, and recitations, field and laboratory practice.

College of Agriculture and Forestry, third year, autumn semester, three hours weekly. Laboratory fee not over one dollar.

Farm Mechanics.

166. This course includes a study of the principles of mechanics, the planning and construction of buildings, the employment of water supply for power and lighting, and the use of farm implements.

College of Agriculture and Forestry, agricultural students, third year, spring semester, five hours weekly.

Field Work.

141, 146; 151, 156; 161, 166. *Agricultural Students*. The field work for the agricultural students includes the following garden work: cultivation of the soil, including digging, drainage, fertilizing; preparation of the seed beds; planting of seeds; care of the crops by mulching, weeding, and watering; transplanting; cold frame management; spraying; methods and practice of pruning, grafting, propagation by cuttings; also nursery management.

It also includes the following more strictly farm work: ploughing, harrowing, seeding, cultivation of farm crops, harvesting, care and marketing of crops, orchard culture and management; raising and management of live stock, including horses, cattle, sheep, hogs, and poultry.

All field work is applicable to Chinese conditions.

College of Agriculture and Forestry; for agricultural students there are required, throughout the three years course, five to ten or more hours per week and such additional practical work as may be necessary up to one year. Field work fee, three dollars per semester.

143, 148; 153, 158; 163, 168. *Forestry Students*. Part of the field work for forestry students is done on the college lands, part is carried on by means of field trips away from the University, and part is carried on where actual reforestation can be practised. The field work will include the following subjects and operations:—

1. Cultivation of the soil, including digging, drainage, fertilizing, preparation of land for seed beds and nurseries, watering and mulching.

2. Management of nurseries, including preparation of the nursery beds, time and methods of planting seeds, use and kinds of coverings, and general care of seedlings.

3. Collection of tree seeds, including identification and value of trees, identification of tree seeds, time of ripening of seeds, methods of collection, values of seeds, and their care after being collected.

4. Pruning, including different methods to be used and time of pruning.

5. Grafting, including a study of the different kinds of grafts and their specific adaptations to practice.

6. Propagation by cuttings, including kinds of cuttings, how and when to make them, and how to plant and care for them.

Field Work (continued).

7. Transplanting seedlings from nursery beds to nursery rows.
8. Transplanting seedlings from nursery to reforestation sites.

College of Agriculture and Forestry; forestry students are required to do, throughout the three years course, five to ten or more hours of field work per week; in addition there are field trips and one entire semester of field work. Field work fee, three dollars per semester, exclusive of the third year, spring semester, when full tuition will be charged in addition to field work expenses.

Forest Colonization.

161. This is a study of the underlying principles and problems of forest colonies with particular reference to their establishment, maintenance, and management.

College of Agriculture and Forestry, forestry students, third year, autumn semester, two hours weekly.

Forest Finance.

156. This is a study of the problems of financing forest projects from the standpoint of national, provincial, corporation, and individual ownership. It includes the principles underlying the determination of values; compound interest and discount; cost of growing timber crops; methods of comparing values and profits: value of land for forest production; value of immature timber.

College of Agriculture and Forestry, forestry students, second year, spring semester, three hours weekly.

Forest Laws.

151. This consists of a study of the forest laws of different countries including China, with special reference to Chinese conditions.

College of Agriculture and Forestry, forestry students, second year, autumn semester, two hours weekly.

Forest Mensuration.

156. The course deals with the methods of measuring the contents and the growth of trees and stands.

College of Agriculture and Forestry, forestry students, second year, spring semester, two hours weekly.

166. This is a continuation of Forest Mensuration 156, the course being given up to field work.

College of Agriculture and Forestry, forestry students, third year, spring semester, field work.

Forest Physiography.

151. This course includes a general study of the different forest areas of China and other countries with reference to the physical

Forest Physiography (continued).

factors which determine such areas; also a particular study of a definite region with a view to its proper utilization. There is a review of the geography of China.

College of Agriculture and Forestry, forestry students, second year, autumn semester, three hours weekly.

Forest Seeding and Planting.

151. This is a study of the time and methods of collecting tree seeds, their care, fertility, vitality, and cost. It includes the following topics: storage of seeds and time required for germination; broadcast and partial seeding; forest nursery work; tree planting and factors governing success; nurse trees, pure and mixed planting; planting methods for particular sites; and a report on the germination and early growth of twenty Chinese trees.

College of Agriculture and Forestry, forestry students, second year, autumn semester, three hours weekly.

Forest Utilization.

151. The course deals with the methods of the utilization of the various forest products, with emphasis on the maintenance of the productivity of the forest.

College of Agriculture and Forestry, forestry students, second year, autumn semester, four hours weekly.

Forest Working Plans.

161. The course includes a systematic study of different working plans for afforestation under different conditions, such as partial planting, complete planting, protection of native growth, and forest rotation; also the establishment of nurseries, fire lines, forest roads, etc.

College of Agriculture and Forestry, forestry students, third year, autumn semester, four hours weekly. Laboratory fee not over three dollars.

Forestry.

156. *History of Forestry.* This is a study of the early forest ordinances in China and other countries; the beginnings and development of technical forestry; government forest administration; forestry education, etc.

College of Agriculture and Forestry, forestry students, second year, spring semester, two hours weekly.

166. *General Principles.* This course is designed to acquaint the student with the present status, needs, and problems of forestry in China. Lectures and assigned readings.

College of Agriculture and Forestry, agricultural students, third year, spring semester, two hours weekly.

Geography.

31, 32 and 35, 36. The text-book is Webster's Peh Hwa Ti Li, published by the Commercial Press. Given in Chinese.

Model School, third year (lower primary), continued through the year, each semester course being repeated each semester, three periods weekly.

41, 42 and 45, 46. Fusan's Ti Li Ruh Men, published by the Commercial Press, is the text-book. The course is given in Chinese.

Model School, fourth year (lower primary), continued through the year, each semester course being repeated each semester, three periods weekly.

51, 52 and 55, 56; 61, 62 and 65, 66; 71, 72 and 75, 76. The Chung Hwa "New Geographical Readers" are used as texts, one book each semester. These courses are given in Chinese.

Model School, fifth, sixth, and seventh years (higher primary), continued through the year, each semester course being repeated each semester, three periods weekly.

81, 82 and 85, 86. *General Geography*. This course covers world geography, considered with special relation to conditions in China. H. L. Zia's "Complete Geography," published by the Commercial Press, is used, one volume each semester.

Middle School, first year, continued through the year, each semester course being repeated each semester, three hours weekly.

91, 92. *Geography of Asia*. This course in the geography of the continent of Asia is offered with the purpose of giving the student systematic knowledge of the divisions, resources, products, and customs of his own country.

Middle School, second year, repeated each semester, four hours weekly.

95, 96. *Commercial Geography*. This course deals with the fundamental conditions underlying industry and commerce. The natural resources of the different countries are studied, with special emphasis upon those of China.

Middle School, second year, repeated each semester, four hours weekly.

III. *Physical Geography*. This is an elementary course, designed to afford an introduction to the science. It gives mainly physiographical information and lays emphasis on the relation between man and his physical environment. Topographic maps and such field work as proves possible are used as the basis for the laboratory work. The text-book is "Modern Geography" by Salisbury, Barrow, and Tower.

Middle School, fourth year, autumn semester, five hours weekly.

Geology.

131. *General Geology*. This course treats of the leading facts and principles of geology and of the more important events of geological history. The text is Norton's "Elements of Geology."

Junior College, second year, autumn semester, five hours weekly, two laboratory hours counting as a one hour credit. Required of agricultural and forestry students. Laboratory fee three dollars.

146. *Economic Geology*. This course is designed to give a general knowledge of the principles governing the formation and occurrence of the more important ores and non-metalliferous deposits and of the conditions, commercial and otherwise, which limit their exploitation.

College of Arts, first year, spring semester, five hours weekly. The laboratory fee is three dollars. [Not given in 1917-8.]

German.

151, 156. The primary aim is to enable the student to read and to understand easily and accurately German prose of ordinary difficulty. The text-books are E. W. Bagster-Collins' "First Book in German" and selected prose specimens.

The Senior Colleges, second year, continuing through both semesters, five hours weekly. Elective.

Greek.

161, 166. The course enables the student to become familiar with the forms and constructions necessary for reading the New Testament in Greek. It is designed primarily for students who intend to enter the Theological Seminary, but is open to others. The text-book is Huddilston's "Essentials of New Testament Greek," which is published both in English and in a Chinese translation.

College of Arts, third year, continuing through both semesters, five hours weekly.

History.

For the History of China see the courses listed under "Chinese."

111, 116. *General History*. The method used is one of topical study. Readings are assigned for library work, map drawing, and the study of sources.

Middle School, fourth year, continuing through both semesters, four hours weekly.

113, 118. *General History*. This course covers the same ground as History 111, 116, but is given in Chinese. Myers' "General History" is used in translation.

Middle School, fourth year, Teachers' Secondary Course, continuing through both semesters, five hours weekly.

History (continued).

126. *United States History*. This is a general course with outside readings and written reports in addition to the text. Muzzey's "American History" is used.

Junior College, first year, spring semester, five hours weekly. For arts students.

131. *History of Western Europe*. The history of Europe is studied from the beginning of the modern period. Robinson and Beard's "Introduction to the History of Western Europe" is used. Outside readings and essays are required.

Junior College, second year, autumn semester, five hours weekly. For arts students.

156. *Modern Oriental History*. This course is a study of some of the outstanding facts connected with the history of Eastern Asiatic countries since the beginning of their foreign relations with the nations of the West. The aim of the course is to give the student perspective in the consideration of the problems which confront his country and guidance in determining her policies for the future. Lectures, reports, and assigned readings based on periodical literature and recent books on the Orient. History 126 and 131 are prerequisite courses.

College of Arts, second year, spring semester, five hours weekly. Elective.

Horticulture.

151. This is a general course dealing with vegetable gardening. It includes a study of methods of cultivation, of soil, fertilizers, propagation, planting, insect enemies, diseases, spraying, harvesting, and marketing of the different vegetables. No regular text-book is used, but there are reference assignments, lectures, recitations, and laboratory practice.

College of Agriculture and Forestry, agricultural students, second year, autumn semester, five hours weekly. Laboratory fee not over three dollars.

Manual Training.

11, 12 and 15, 16; 21, 22 and 25, 26; 31, 32 and 35, 36; 41, 42 and 45, 46; 51, 52 and 55, 56. Work in manual training at present continues through the first five years of the Model School course. Instruction is given by experts in the use of bamboo, willow, rattan, and straw, and in printing. The work continues through each semester, ten periods weekly.

101, 106. *Industries*. This is a normal course in manual training. Each student is assigned to various progressively difficult manual training exercises. The object is both cultural and to train the prospective teacher in several concrete manual operations which he may use later in his own school.

Manual Training (continued).

Middle School, third year, Teachers' Secondary Course, both semesters; two hours of credits are given weekly, but at least six hours of work each week is required, the time being arranged with the Superintendent of Industries.

Mathematics.

11, 12 and 15, 16. *Number work*. Model School, first year (lower primary), continued through the year, each semester course being repeated each semester, five periods weekly.

21, 22 and 25, 26; 31, 32 and 35, 36; 41, 42 and 45, 46. *Arithmetic*. The text-book is Cogdal's adaptation of Pillsbury's "Practical Arithmetic" (算學捷徑), published by the Presbyterian Mission Press. One volume is covered each semester.

Model School, second, third, and fourth years (lower primary), continued through the year, each semester course being repeated each semester, five periods weekly.

51, 52 and 55, 56; 61, 62 and 65, 66; 71, 72 and 75, 76. *Arithmetic*. The Chung Hwa Arithmetics, published by the Chung Hwa Book Company, are used, one volume each semester.

Model School, fifth, sixth, and seventh years (higher primary), continued through the year, each semester course being repeated each semester, five periods weekly.

81, 82. *Arithmetic*. This course is a general review of Arithmetic with emphasis on the methods of teaching. Given in Chinese.

Middle School, first year, repeated each semester, four hours weekly.

85, 86. *Algebra*. This course is intended for students who have not previously studied Algebra. The text-book is in Chinese (a translation of Milne by H. L. Zia), but English equivalents of the important algebraic terms and expressions are given.

Middle School, first year, repeated each semester, four hours weekly.

91, 92. *Algebra*. This is a continuation of the preceding course.

Middle School, second year, repeated each semester, four hours weekly.

95, 96. *Algebra*. This is the third semester's work in algebra, being a continuation of Mathematics 85, 86 and 91, 92.

Middle School, second year, repeated each semester, four hours weekly.

101, 102. *Geometry*. This course consists of a minimum number of the most fundamental formal proofs as models and of a maximum number of unsolved problems as exercises in construction and computa-

Mathematics (continued).

tion. A Chinese text is used, but the student is taught and required to know in English all the terms and expressions studied.

Middle School, third year, repeated each semester, four hours weekly.

105, 106. *Geometry*. This is a continuation of the preceding course.

Middle School, third year, repeated each semester, four hours weekly.

121. *Algebra for Teachers*. This and the following course are intended to prepare teachers of mathematics in middle schools. In both courses there will be a thorough review of the subject matter, but this will be made subsidiary to teaching method.

Junior College, first year, Teachers' Higher Course, autumn semester, five hours weekly.

126. *Geometry for Teachers*. For aim and method, see the preceding course.

Junior College, first year, Teachers' Higher Course, spring semester, five hours weekly.

136. *Plane Trigonometry*. The text-book is Granville's "Plane and Spherical Trigonometry."

Junior College, second year, spring semester, five hours weekly. For arts, agricultural, and forestry students.

138. *Surveying*. This course will consist largely of field work. It includes a review of trigonometry; practice in the use of chains, the level, the transit, and stadia rods; the taking of field notes; the surveying of irregular areas; the drawing of plane and topographic maps; and surveying for drainage ditches, roads, and fire-lines.

Junior College, second year, spring semester, two hours weekly. For agricultural and forestry students. Laboratory fee, not over three dollars.

141. *College Algebra and Analytic Geometry*. The text-books are Wentworth's "College Algebra" and Ziwet and Hopkins' "Analytic Geometry." The first two months are given to College Algebra and the remainder of the time to Analytic Geometry.

College of Arts, first year, autumn semester, five hours weekly. Elective.

146. *Differential Calculus*. The text-book used is Osbourne's "Differential and Integral Calculus."

College of Arts, first year, spring semester, five hours weekly. Elective.

151. *Integral Calculus and Solid Analytical Geometry*. The text-books used in Mathematics 141 and 146 are continued in this course.

College of Arts, second year, autumn semester, five hours weekly. Elective.

Meteorology.

141. This course includes a study of the general circulation of the atmosphere; of the development, movement, and conditions that attend cyclones, tornadoes, typhoons, monsoons; of weather observations and practical weather forecasting; of weather maps; of the use of meteorological instruments; and of climatology and its relation to agriculture. Reference assignments, lectures, and recitations.

College of Agriculture and Forestry, agricultural and forestry students, first year, autumn semester, two hours weekly.

Nature Study. (See Science.)**Philosophy.**

For Chinese Philosophy see Chinese 141, 146.

146. *The Theory of Scientific Method*. This is a course in the logic of scientific procedure. The texts used are Dewey's "How we Think" and Jones's "Logic." There are also collateral readings from selected classics. Psychology 141 is prerequisite.

College of Arts, first year, spring semester, five hours weekly. Elective.

151. *Ethics*. This begins with a study of moral origins, followed by an analysis of the moral consciousness and of certain problems of social morality. Text: Dewey and Tufts' "Ethics." Sociology 141 is prerequisite.

College of Arts, second year, autumn semester, five hours weekly. Required.

156. *History of Western Philosophy*. The course comprises a study of the development of western thought in relation to geographical, literary, and political history. The text is Cushman's "Beginner's History of Philosophy."

College of Arts, second year, spring semester, five hours weekly. Elective.

161. *The Problems of Philosophy*. This course should lead the student to think for himself upon the meaning of the world and of human life. Selected readings are assigned in connection with the topics under consideration. Especial attention is given to the concepts of idealism, realism, pragmatism, and evolution. Philosophy 156 is prerequisite.

College of Arts, third year, autumn semester, five hours weekly. Elective.

Physical Culture.

Morning drill is required of all except day students every week day morning except Saturday from six forty-five to fifteen minutes after seven. This drill consists chiefly of setting-up exercises. On Saturdays

Physical Culture (continued).

at eleven fifteen there is a dress parade, attendance at which is required of all students.

Physics.

101. *Elementary Course.* This is a general course for beginners, and is given in Chinese.

Middle School, third year, half of autumn semester, five hours weekly.

121, 126. *Introductory Course.* This is a combined laboratory and recitation course, the laboratory "how" preceding the text-book "why." The texts used are Millikan and Gale's "Physics" and Millikan, Gale, and Bishop's "Laboratory Physics."

Junior College, first year, extending through both semesters, five hours weekly. Required of arts, agricultural, forestry, and medical students.

123. *Physics for Teachers.* This course is generally similar to Physics 121, but special emphasis is placed upon methods of teaching. Given in Chinese.

Junior College, first year, Teachers' Higher Course, autumn semester, five hours weekly.

156. *General Course.* This course is designed to make the student familiar with the more important topics in Mechanics, Sound, and Light. The text-book is Carhart's "University Physics," Volume I. Mathematics 136 is prerequisite.

College of Arts, second year, spring semester, five hours weekly (four recitations and two hours of laboratory work). Elective. Laboratory fee, three dollars.

161. *General Course* This course follows the method of Physics 156 (which is a prerequisite course) and is designed to cover the more important topics in Heat, Electricity, and Magnetism. The text-book is Volume II of Carhart's "University Physics."

College of Arts, third year, autumn semester, five hours weekly (four recitations and two laboratory hours). Elective. Laboratory fee, three dollars.

Physiology and Hygiene.

116. This course is elementary in nature and is intended as a general study of the structures and functions of the human organs, in order that the essential ideas of the science of life and laws of health may be applied to daily life. The course is conducted in Chinese.

Middle School, fourth year, spring semester, five hours weekly. Laboratory fee, three dollars.

145. This course is intended to give an intelligent acquaintance with the physiological processes of the systems and organs of the human body, and with the causes of impaired functions. Modern methods of hygiene and prevention of disease are considered, especially

Physiology and Hygiene (continued).

the principles of individual and community health control. The text is Martin's "The Human Body." Recitations, lectures, demonstrations, and experiments.

College of Arts, first year, spring semester, five hours weekly. Required if Biology 141 be not taken.

See also *Science 41, 42, and 45, 46.*

Political Science.

141. *Introduction.* This is a general introductory course in which Gettell's "Introduction to Political Science" is used as a basis and readings in other texts are required.

College of Arts, first year, autumn semester, five hours weekly. Required.

146. *International Law.* The development of international law is traced from its beginnings to the present day. Lawrence's "Principles of International Law" is used as a basis.

College of Arts, first year, spring semester, five hours weekly. Elective.

Pomology.

156. The course deals with the general principles of fruit and nut culture, including soils, sites, cuttings, layering, budding, grafting, pruning, fertilizers, insects, diseases, spraying, and thinning. Lectures, recitations, and field practice.

College of Agriculture and Forestry, agricultural students, second year, spring semester, five hours weekly. Laboratory fee not over three dollars.

Poultry Management.

166. This general course includes the principles of poultry breeding, incubation and brooding, feeding, diseases, parasites, sanitation, and poultry farm management. Lectures, recitations, and practice.

College of Agriculture and Forestry, agricultural students, third year, spring semester, five hours weekly. Laboratory fee not over three dollars.

Psychology.

141. *Introduction.* This is a survey of the salient features of the mental operations involved in human reactions. The course is designed to give the student an appreciation of the function in human experience of such processes as sensation, perception, memory, reasoning, instinct, feeling, etc. Text: Pillsbury's "Essentials of Psychology," with collateral readings from such authors as Angell, Judd, and James.

College of Arts, first year, autumn semester, five hours weekly. Required.

146. *Advanced Psychology.* The course aims to acquaint the student with two important fields of modern psychological thought, experimental psychology and social psychology. Seashore's "Experi-

Psychology (continued).

mental Psychology" and McDougall's "Introduction to Social Psychology" are used as texts. Psychology 141 is prerequisite.

College of Arts, first year, spring semester, five hours weekly. Elective.

Courses in Psychology will be added as occasion may arise.

Religious Education.

The aim of the whole course in Religious Education is to promote (1) growth in knowledge, (2) growth in Christian activities (in church, in community, in missions), and (3) growth in communion with God. Hence the term "religious education."

During the first seven years (the Model School period) the teacher's manual is a translation of G. B. Ayre's "Suggestions for a Syllabus in Religious Teaching," prepared by the West China Christian Educational Union, Canadian Methodist Mission Press, Chengtu. During the first four years (lower primary) the stories are told by the teacher first and illustrated by the study of nature and the pupils' own expression work. These courses are given in Chinese.

11, 12 and 15, 16. *Stories of God the Loving Father and His Children.* The specific aim during this year is to awaken a desire on the part of the child to respond to the love of the Heavenly Father, parents, and friends by a life of trust, obedience, and helpfulness.

Model School, first year (lower primary), continued through the year, each semester course being repeated each semester, four lessons weekly.

21, 22 and 25, 26. *Stories of God the Loving Father and His Servants:—Joseph, Moses, Joshua, Gideon, David, Elijah, John the Baptist, and Modern Heroes.*

Model School, second year (lower primary), continued through the year, each semester course being repeated each semester, four lessons weekly.

31, 32 and 35, 36. *Stories in the Life of Abraham* (September to November), in the *Life of Christ* (December to May), and in the *Life of Peter* (June).

Model School, third year (lower primary), continued through the year, each semester course being repeated each semester, four lessons weekly.

41, 42 and 45, 46. *Stories of the Witnesses for Christ*, as found in the Acts of the Apostles: i.e., Peter, Stephen, Philip, Paul, his missionary journeys and letters. The Bible in this year can be read by the pupils.

Model School, fourth year (lower primary), continued through the year, each semester course being repeated each semester, four lessons weekly.

Religious Education (continued).

51, 52 and 55, 56. *Simple Lessons in the Life of the Chosen People:—*I. The early nations; Moses and his work; Joshua, Jephthah, Samuel, David, Solomon; The Divided Kingdom.

Model School, fifth year (higher primary), continued through the year, each semester course being repeated each semester, four lessons weekly.

61, 62 and 65, 66. *Simple Lessons in the Life of the Chosen People:—*II. The prophets; Elijah, Elisha; the story and work of Amos; Hosea and his times; life and work of Isaiah; Jeremiah and the fall of Jerusalem; the exile and the prophets; the return from the exile.

Model School, sixth year (higher primary), continued through the year, each semester course being repeated each semester, four lessons weekly.

71, 72 and 75, 76. *Simple Lessons in the Life of Christ and His Witnesses:—*I. The Life of Christ—Mark; II. The Growth of the Kingdom; III. The Bible—its unity, composition, and use.

Model School, seventh year (higher primary), continued through the year, each semester course being repeated each semester, four lessons weekly.

During the transitional period from childhood to manhood the aim of these courses is to develop admiration for the Christian type of life and to interpret Christian history in terms of evangelism and social service. The Middle School courses are given in Chinese.

81, 82 and 85, 86. *The Life of Christ.* The specific aim of this course is to present an orderly account of the events in the life of Christ, such as may serve as a basis for further study. The text-books are H. W. Luce's translations of Stephens and Burton's "Harmony of the Gospels" and of Burton and Mathews' "Life of Christ."

Middle School, first year, continued through the year, each semester course being repeated each semester, two hours weekly.

91, 92 and 95, 96. *The Principles of Jesus Applied to Some Questions of To-day.* In this course the pupil studies the principles of Jesus in relation to certain important life problems. The text-book, in addition to the gospels, is Vale and MacGillivray's translation of Speer's "Principles of Jesus."

Middle School, second year, continued through the year, each semester course being repeated each semester, two hours weekly.

101, 102 and 105, 106. *The Records and Letters of the Apostolic Age.* The aim during this year is to present the ideals of the Christian life, as exemplified by the leaders whom Jesus inspired. The text-book, in addition to the Acts and Epistles, is H. W. Luce's translation of Burton's "Records and Letters of the Apostolic Age."

Middle School, third year, continued through the year, each semester course being repeated each semester, two hours weekly.

Religious Education (*continued*).

103, 104 and 107, 108. *Principles of Sunday School Teaching*. First semester: How to teach a Sunday school class. Second semester: The organization and management of a Sunday school. The text-books are translations of George A. Coe's "New York City Sunday School Association Training Courses, Nos. 1 and 2" and Hodous' translation of Weigle's "The Pupil and the Teacher."

Middle School, third year, Teachers' Secondary Course, continued through the year, each semester course being repeated each semester, two hours weekly.

111, 112 and 115, 116. *The Spirit of Christ Transforming the World*. The aim of this course is to show the gradual transformation of the world through the progress of the gospel. The text-books are Dr. Timothy Richards' "Benefits of Christianity" and J. L. Stuart and G. Y. Chen's "Lectures on Modern Missions."

Middle School, fourth year, continued through the year, each semester course being repeated each semester, two hours weekly.

113, 114 and 117, 118. *Practice in Sunday School Teaching*. Practice teaching under supervision; the submission of plans and reports; and a group discussion of problems. Any kind of religious work in Sunday school, and elsewhere, may be counted as practice work. These courses are useful in connection with courses 103, 104 and 107, 108.

Middle School, fourth year, Teachers' Secondary Course, continued through the year, each semester course being repeated each semester, two hours weekly.

121, 126. *The Religion of the Bible*. This course is designed for students who have not had courses in the Old and New Testament. First semester:—The history of the religion of Israel, with special emphasis on the development of religious thought. Second semester:—The rise and development of the Christian religion and its place in life. The text-books are "Graded Sunday School Lessons (International Course), Second and Third Years of the Senior Series."

Junior College, first year, both semesters, two hours weekly.

123, 128. *The Church School*. First semester:—The methods and principles of teaching as applied to Sunday school classes and services of worship. How to conduct teacher training classes and how to reorganize the Sunday school, young people's societies, etc., into a church school. Second semester:—The religious life of children and youth; the Bible as curriculum material; the curriculum as observed in local Sunday schools, etc. Readings in the training courses of the China Sunday School Union and in translations of Weigle's "The Pupil and the Teacher," Coe's "Education in Religion and Morals," etc. Taught in Chinese.

Junior College, first year (required in Teachers' Higher Course, and open to all Junior College students), both semesters, two hours weekly.

Religious Education (*continued*).

131, 136. *The Use of the Bible in Modern Life*. The aim of this course is to ascertain the permanent messages of the Bible and so to state them as to meet the needs of the present generation. There are readings in G. H. Gilbert's "Interpretation of the Bible" and in selected books which state the messages of Scripture for purposes of teaching and preaching.

Junior College, second year, both semesters, two hours weekly.

133, 138. *The Practice and Theory of Religious Education*. This offers a type of laboratory work (in Sunday schools and elsewhere) in which the student submits plans and reports of his work to the instructor for private criticism and to the class for group discussion. One hour is devoted to discussions on the theory of religious education. Taught in Chinese.

Junior College, second year (required in Teachers' Higher Course, and open to all students who have taken courses 123, 128), both semesters, two hours weekly.

Science (General).

31, 32 and 35, 36. Two volumes of Williams' "Nature Readers," issued by the Christian Literature Society, are used. The courses are given in Chinese.

Model School, third year (lower primary), continued through the year, each semester course being repeated each semester, two lessons weekly.

41, 42 and 45, 46. The text-book is Gulick's "Good Health," issued by the Christian Literature Society. The courses are given in Chinese.

Model School, fourth year (lower primary), continued through the year, each semester course being repeated each semester, two lessons weekly.

51, 52 and 55, 56; 61, 62 and 65, 66; 71, 72 and 75, 76. The New Science Readers (Popular Series), published by the Commercial Press, are used, one volume each term. These courses are given in Chinese.

Model School, fifth, sixth, and seventh years (higher primary), continued through the year, each semester course being repeated each semester, two lessons weekly.

See also "Readings in Science," English 111, 116.

Silvics.

141, 146. These courses consist of a study of the character and form of forest vegetation as it is determined by such factors as the atmosphere, soil, light, etc. The influence of the site factors on the forest trees is considered; also the development of the tree; height, diameter, volume growth, form, longevity, and reproduction; likewise

Silvics (continued).

the evolution of species, varieties, and forms, and their growth characters.

College of Agriculture and Forestry, forestry students, first year, both semesters, four hours weekly. Laboratory fees not over three dollars.

Sociology.

131. *Social Organization.* This course offers a description and an analysis of the institutions and forces which bind society together and upon which it depends for progress. The course includes much that is commonly taught as civics, economics, and sociology. The purpose is to enable the student to understand the society in which he lives. Questions, papers, readings, and lectures. Taught in Chinese.

Junior College, Teachers' Higher Course, second year, autumn semester, five hours weekly. [Not given in 1917-8.]

141. *General Sociology.* This is a general course intended to introduce the student to the field and problems of sociology. The text is Hayes' "Introduction to the Study of Sociology," with extensive collateral readings, especially in Dealey, Ellwood, Thomas, Cooley, and Ross.

College of Arts, first year, autumn semester, five hours weekly. Required.

146. *Social Programmes.* A study of social ideals as set forth in the utopias, including modern socialism, and of the practical social programmes at present being carried out, with an attempt to set forth a concrete and positive social programme for the immediate future. The text-book is Henderson's "Social Programmes in the West." Sociology 141 is prerequisite.

College of Arts, first year, spring semester, five hours weekly. Elective. (This course alternates with Sociology 148.)

148. *Social Origins.* This is a study of the main factors in the evolution of typical races, customs, and institutions. Text: Tylor's "Anthropology" with collateral readings from Thomas' "Social Origins," etc. Sociology 141 is prerequisite.

College of Arts, first year, spring semester, five hours weekly. Elective. (This course alternates with Sociology 146.) [Not given in 1917-8.]

151. *Religion and Social Progress.* An attempt to trace the relation between religion and social control and religion and social progress, with especial reference to the Christian Church in both ancient and modern times. Questions, assigned readings, and reports.

College of Arts, second year, autumn semester, five hours weekly. Elective.

Soils.

141. *General Soil Technology.* This is a general course which deals with the origin, formation, classification, composition, and the physical, chemical, and biological properties of the soil. Lyon, Fippin, and Buckman's "Soils: their Properties and Management," is the text-book. Lectures, recitations, and laboratory.

College of Agriculture and Forestry, agricultural and forestry students, first year, autumn semester, five hours weekly. Laboratory fee not over three dollars.

151. *Fertilizers and Manures.* This course deals with the different kinds of fertilizers and manures with special reference to their composition, adaptation to the various crops, methods of handling, and relative values. Reference readings will be assigned. Lectures and recitations.

College of Agriculture and Forestry, agricultural students, second year, autumn semester, three hours weekly. Laboratory fee not over three dollars.

156. *Irrigation and Drainage.* This course is a general study of the principles and practice of drainage and irrigation, including types of each and their adaptation under various conditions. Lectures and recitations.

College of Agriculture and Forestry, agricultural students, second year, spring semester, two hours weekly.

158. *Soil Surveying.* This is a field course in the identification, classification, and mapping of the soils, first of a small area in detail, and later of a large area. Field lectures will supplement the work. Geology 131 and Soils 141 are prerequisite courses.

College of Agriculture and Forestry, agricultural students, second year, spring semester, two hours weekly. Laboratory fee not over three dollars.

Wood Preservation.

161. This is a study of the structural, physical, and chemical properties of wood in relation to durability. Among the topics considered are: causes of decay; factors governing the decay-resisting powers of various species; relation of moisture content to durability; seasoning of wood; preservation of wood by the application of paints, oils, etc., to the surface; theory and methods of impregnation; commercial methods of treating wood; preventing sap-stain; fire-proofing.

College of Agriculture and Forestry, forestry students, third year, autumn semester, four hours weekly. Laboratory fee not over three dollars.

Wood Technology.

156. This is a general study of the morphology of the stems of woody plants, including a classification and a study of the mechanical properties of the wood of different forest trees.

College of Agriculture and Forestry, forestry students, second year, spring semester, four hours weekly. Laboratory fee not over three dollars.

Zoology.

106. This is an elementary course, comprising recitations, demonstrations, and laboratory work. Field trips will be made to near-by points of interest.

Middle School, third year, second half of spring semester, five hours weekly.

151, 152. This course gives a brief survey of the animal kingdom. Representatives of each of the larger groups will be discussed and carefully studied in the laboratory. Special emphasis will be placed on morphology and evolutionary development. Text, Kingsley's translation of Hertwig's "Manual of Zoology." Biology 131 and 136 are prerequisite courses.

College of Agriculture and Forestry, second year, autumn or spring semester, five hours weekly. Elective. Laboratory fee, three dollars.

THE DEPARTMENT OF MISSIONARY TRAINING.

CALENDAR 1917-1918.

Examination on summer work	September 29, October 1,	1917.
First Term opens	Tuesday, October 2,	1917.
First Term closes	Friday, December 21,	1917.
Second Term opens	Wednesday, January 2,	1918.
Second Term closes	Friday, March 22,	1918.
Third Term opens	Tuesday, April 2,	1918.
Third Term closes	Thursday, June 13,	1918.
Fourth Term opens	Monday, July 1,	1918.
Fourth Term closes	Thursday, September 26,	1918.
Examination on summer work	September 27, 28,	1918.

Holidays:—December 21, 4.00 p.m. to January 2, 8.30 a.m.
 March 22, 4.00 p.m. to April 2, 8.30 a.m.
 June 13, 12.00 a.m. to July 1, 8.30 a.m.

1. No student will be received for the work of the first term after October 9. The system of teaching employed necessitates the strict observance of this rule.

2. Secretaries of the various Mission Boards are hereby requested to see that prospective matriculates are duly advised of the above calendar. Positively no exceptions will be made.

3. It should be noted that the fourth term is not taken in residence, this period being coincident with the summer vacation. The work of this period is, however, under the direction of the Dean, and is as much a part of the required work as are the other three terms.

THE FACULTY.

BOWEN, ARTHUR JOHN, LL.D., President of the University.
 WILLIAMS, JOHN ELIAS, D.D., Vice-President of the University.
 KEEN, CHARLES SCULL, M.A., Dean.
 GIA FUH-TANG, B.A. (Chinese), Head Chinese Teacher.
 WANG YAO-TING, B.A. (Chinese), Assistant Head Chinese Teacher.

In addition, a staff of about forty Chinese teachers is employed through the year, the number varying with the number of students, one teacher being provided for each two students.

GENERAL STATEMENT.

The Department of Missionary Training or "Language School" arranges for a course extending through five years. The first year consists of required work and must be taken in residence. The second year consists chiefly of required work, and may be taken either in residence or by correspondence. The last three years consist of elective studies which need not be taken in residence. There is also a normal course for Chinese teachers.

This department, while conducted under the auspices of a university for the Chinese, is, as its name indicates, opened primarily for the training of missionaries.

This training is not confined solely to the study of the Chinese language (though this constitutes the major task) but is concerned, as well, with the problem of assisting the new missionary to a proper understanding of his new environment and to a tactful adjustment of himself and his ideas to his fellow missionaries and to the Chinese people generally.

It is not only highly desirable, but absolutely essential, that the new missionary during his first year in China get an adequate appreciation of the Chinese people and become familiar with their customs and religions, their economic problems, and their social and political life. Moreover, the student in residence is given, through lectures by experts, a survey of mission work being prosecuted in China—a background which enables him to enter upon his more active service with a wider vision and a more sympathetic attitude toward his co-workers and the tasks that engage them.

FEES.**First Year, in Residence.**

Tuition \$60.00
 Teachers, at \$10.00 per month (8 months) ... 80.00
 Board. (in private homes) at \$45.00 per month.
 Coal \$5.00 per month extra during four to five months.

NOTE :—Board includes food, furnished room, and light.
 Students will furnish towels and bedding.
 Students will also arrange for their own laundry.

Tuition and teachers' salaries are payable in two instalments in advance. The first instalment of \$75.00 is payable on or before October fifteenth, the second instalment of \$65.00 on or before January fifteenth. All the amounts stated are in Shanghai currency.

Second Year, in Residence.

The department has accommodation for a limited number of students who desire to take the second year of the prescribed course under the same conditions as those of the first year, with the exception that only morning sessions are provided. For this course of three hours daily the fees are as follows :—

Tuition \$35.00
 Teachers 50.00

NOTE :—Payments are due in two instalments. The first instalment of \$50.00 is payable on or before October fifteenth, the second instalment of \$35.00 on or before January fifteenth.

Second Year, Correspondence Course.

For the majority of students it is not practicable or desirable to take the second year of the prescribed course in Nanking. For these students the department offers a correspondence course, issuing the lesson materials in instalments and examining the students at various stages of the work.

For this course the fees are \$20.00.

Registration for this course closes September thirtieth.

Fees must accompany application for registration.

Only those who have taken the first year's work are eligible for this course.

Third, Fourth, and Fifth Years, Elective Courses.

For those who have completed two years of required work at least three years of electives are offered. To receive credit for work done in these electives, the student must first register for the courses selected in accordance with the regulations stipulated in connection with the Course of Study outlined below, and pay a fee of \$2.00 for each credit, the minimum fee being \$5.00 per annum or fraction thereof, till the course for which the student registered is completed. No extra charge will be made for certificates for each year's work nor for the diploma given upon the securing of twenty-seven credits—i.e., upon the completion of the whole course.

In every case the year begins with the date of registration.

Normal Course for Chinese Teachers.

In order to extend its services to other localities where Mandarin is not the vernacular, it is the plan of the department to offer to a limited number of selected Chinese teachers a course in methods of teaching missionaries the Chinese language. This course is offered in 1917 during the month of September, beginning the third and ending the twenty-third.

The course comprises a critical study of the various methods of language teaching that have been employed in teaching westerners, followed by a practical demonstration of the direct method.

Any teacher properly endorsed by a missionary may upon the payment of \$18.00 register for this course. This fee covers accommodation with board at a Chinese inn. The department makes all arrangements and undertakes to see that teachers are well provided for. Teachers enrolling for this course should report to Mr. Gia, the head Chinese teacher, immediately upon arrival in Nanking.

All communications should be addressed to the Dean.

COURSE OF STUDY.

Preface.

This course of study has been prepared by the Director of the North China Union Language School in collaboration with the Dean of the Department of Missionary Training of the University of Nanking and is, moreover, based largely upon the course of study previously issued by a joint committee representing the North China Union Language School, the American Board Mission, the American Presbyterian Mission, the American Methodist Mission, the Church of England Mission, the London Mission, and the Young Men's Christian Association.

The course of study as now issued has the endorsement of the above-mentioned committee and of the Board of Managers of the University of Nanking.

On adoption this course supersedes previous courses of the different missions and thus gives to the students one unified and connected course from the beginning to the completion of their language study.

The course is designed to meet two needs:—(1) to supplement the work of those who have studied for their first year in either the North China Union Language School or the department of Missionary Training of the University of Nanking, thus eliminating the difficulties encountered hitherto in adjustment with the course of study of the various missions; and (2) to make it possible for these two schools to act as central bodies whose office shall be to direct the language study of the members of the different missions.

General Plan.

The general plan of the course is to give all students a thorough grounding in the elements of the language in its various phases during the first year and part of the second.

For this period the courses are all required. After this foundation has been laid, however, the aim is to give as much elasticity in choice to each student as possible so that each one may give full consideration to individual needs in the choice of the subjects studied. Preachers, doctors, nurses, Association secretaries, etc., are thus allowed to choose courses which will be of the greatest help to them in their work. One feature of the course is that study done in preparation for actual work is allowed credit.

The elective subjects are divided into the following departments: (a) Mandarin Literature, (b) Mandarin Text-books, (c) Mandarin Bible, (d) Wen-li Literature, (e) Etymology and Composition.

The student is allowed to choose freely courses from these departments, except that some time during his language study he must procure at least two credits from each of the first four departments. Except where clearly specified, the order of choice of studies in the various departments is at the option of the student. As a rule, however, courses are listed in the order of difficulty, and this fact should be borne in mind in election.

Credits.

Besides the required work, to obtain yearly standing the student must have credits as follows:—

To complete the second year's work 9 credits (total number).

„	„	„	third	„	„	18	„	„	„
„	„	„	fourth	„	„	24	„	„	„
„	„	„	fifth	„	„	27	„	„	„

The number of credits given for each course is indicated in the statement of courses on pages 89 to 92, a credit being the equivalent of seventy-two hours of study.

It will be noted that credits are required in a decreasing ratio in consideration of the fact that students do not have full time for study after the first two years.

It should be noted further that each student must secure at least two credits from each of the departments named, except from that of Etymology and Composition.

After completing the first year of required work in residence, students will be examined upon the work they have covered by local examiners approved by the Language Schools. These examiners will send examination questions, papers, and grades for credit and filing to the Language School in connection with which the student is studying.

Electives must be selected in consultation with the local examiner and, upon selection, must be reported to the Language School.

The Language School will issue certificates upon the satisfactory completion of each year's work. Upon the completion of the five years' work (when 27 credits have been secured) a diploma will be given.

A registration fee will be charged for each year's work, to cover the expense to the school for correspondence and for the extra staff necessary. (For particulars see *Fees*, page 83.)

REQUIRED WORK FOR THE FIRST AND SECOND YEARS.

First Year.

The direct method is used. Students are taught from the first day to hear correctly the Chinese sounds. Not until the pupil can hear understandingly and can speak correctly does he see the character, much less write it. Lessons are introduced by the Chinese teachers orally. When the student has grasped the sound, tone, and meaning, he is then presented with the lessons in printed or mimeographed form. No characters which the student has not already heard and learned to use are required to be analyzed or written.

Character analysis and writing are always several days behind the work of hearing and speaking. After a brief course in Phonetics, Phonetic Transcription (as endorsed by the International Phonetic Association) is introduced. This system is based upon the principle of one symbol, one sound; one sound, one symbol. When mastered, this system has proved very satisfactory, since it is free from arbitrariness and ambiguities.

I. *Loose Leaf Lessons.* These are prepared by the Language Schools or adapted from Mandarin text-books.

II. *Bible.* Ten chapters are selected from the Gospels of St. Mark and St. John. The Morning and Evening Prayer Services of the Book of Common Prayer may be substituted for four of the chapters.

III. *Character Writing and Analysis.* The student will be examined upon the writing and analysis of the first 400 characters in the Language Schools' list.

IV. *Compositions.* These are intended to give the student ability to write in character compositions of about 200 characters based on the texts of the lessons used.

V. *Memory Work.* This work demands the ability to repeat the model sentences published by the school. These sentences should be very thoroughly learned so that they can be given without hesitation and at a natural speed. The repeating of the Lord's Prayer and of twenty proverbs is also required.

VI. *Geography.* The student must secure such a knowledge of Chinese geography as can be gained from a careful reading of the "Provinces of China." He will also be required to draw an outline map of China.

VII. *Lectures.* Lectures are given each year on Chinese religions, history, literature, and sociology, and the science and history of missions.

VIII. *English Reading.* There is also required the reading of at least one thousand pages in books selected in consultation with the head of the school.

Second Year.

I. *Bible.* Twelve chapters are selected from the Gospels of St. Mark or St. John. The Holy Communion Service and the Service for the Baptism of Adults in the Book of Common Prayer may be substituted for six chapters.

II. *Conversational Lessons.* These are prepared or selected by the school.

III. *Composition.* Compositions of 300 characters each are written on ten different topics.

IV. *Character Writing and Analysis.* The student will be examined upon the writing of the second 400 characters in the Language Schools' list.

V. *Address.* This may be an address of fifteen minutes before a Chinese audience, or the leading of a Bible class in Chinese, or the conducting of a classroom recitation in Chinese.

VI. *Chinese History.* Dr. F. L. Hawks Pott's "Sketch of Chinese History" is to be read.

VII. *English Reading.* The requirements are the same in amount as in the first year.

ELECTIVES.

A. Department of Mandarin Literature.

This department includes all books written in Mandarin for literature for the Chinese people, as distinguished from books written in Mandarin as text-books for foreigners in their study of the language.

The requirements in the study of the courses for the second and third years, which will determine the type of examination given, are the same as given in the study of the required work of the first year. These aim to give the use as well as the understanding of the text.

For Courses VI-VII it is only required to be able to read fluently, translate into English, and understand the idiom.

I. *Pilgrim's Progress, Part I.* Counts one credit.

II. *Pilgrim's Progress, Part II.* Counts half credit.

III. *Sacred Edict.* Pages 1-28; 29-31; 42-44; 51-54; 62-66; 72-84; 99-109; 113-116; 121-124; 134-139; 149-155; 162-166; 169-172. Counts one credit.

IV. *Martin's Evidences of Christianity, Part I.* Counts half credit.

V. *Little Lord Fauntleroy.* Counts half credit.

VI. *Fortunate Union.* Counts two credits.

VII. *Five Bells, Volume I.* Counts one credit.

VIII. *Technical Electives.* In accordance with the principle laid down in the course in Wen-li literature under the head of *technical courses*, work which is done in reading Mandarin books in preparation for teaching, medical practice, Bible study classes, etc., will be allowed credit towards Language Study. In each case, an examination is required. The amount of the credit will be decided by the principal of the school or by an accredited examiner.

B. Department of Text-books for the Study of Mandarin.

The courses offered in this department are all in text-books specially prepared for the study of the Mandarin language. The requirements are given in connection with the different courses.

I. *Kuan Hua Chih Nan:* Sections 3-4. Counts one credit.

II. *Hillier's Second Volume.* Counts one credit.

III. *Mateer's Mandarin:* Lessons 51-86. Counts two credits.

IV. *Mateer's Mandarin:* Lessons 87-122. Counts two credits.

V. *Mateer's Mandarin:* Lessons 123-158. Counts two credits.

VI. *Mateer's Mandarin:* Lessons 159-200. Counts two credits.

For these courses in Mandarin Lessons the requirements are as follows:—

To read and translate from Chinese into English.

To explain the grammar and give illustrative sentences.
To memorize two sentences from each lesson.

- VII. *Mateer's New Terms*. Lessons 1-14. Counts one credit.
VIII. *Mateer's New Terms*. Lessons 15-22. Counts one credit.
IX. *Mateer's New Terms*. Lessons 30-44. Counts one credit.

For these courses the requirements are:—

To read and translate any of the Chinese into English.
To give the meaning of any of the terms when heard spoken.
To conduct a conversation on any of the subjects included.

- X. *The Chinese Speaker*, by *Evan Morgan*. Part I, Chapter I. Counts one credit.
XI. *The Chinese Speaker*, by *Evan Morgan*. Part I, Chapters II and III. Counts one credit.
XII. *The Chinese Speaker*, by *Evan Morgan*. Part I, Chapters IV and IX. Counts one credit.

The requirements of these courses are:—

To read and translate any of the Chinese into English.
To understand the passages when read.

- XIII. *The Chinese Speaker*, by *Evan Morgan*. Part II. Counts one credit.

C. Department of the Mandarin Bible.

- I. *John* vii-xxi. Counts one credit.
II. *Luke* i-xxiv. Counts one credit.
III. *Romans* i-xvi. Counts one credit.
IV. *The Acts* i-xxviii. Counts one credit.
V. *Ephesians, Hebrews*. Counts one credit.
VI. *Genesis*: i; ii; xii; xxxvii; xxxix-1; *Psalms*, i; ii; viii; xi; xv; xvi; xix; xx; xxiii-xxv; xxvii; xxxii-xxxiv; xxxvii; xl; xlii; xlv; xlvi; xlviii; li; lxx; lxxvii; lxxx; lxxxiv; xc; xci; xciii; xcvi; c; ciii; cv; cvii; cxiv; cxv; cxxi-cxxiii; cxxvi; cxxx; cxlvi. Counts one credit.

VII. *The Book of Common Prayer*: (No credit is given if this has already been taken in the first year.)

The Morning and Evening Prayer Services. Counts one credit.

The Holy Communion Service and the Service for Baptism of Adults. Counts one credit.

The following courses are reading courses. The requirements are fluent reading at sight, thorough understanding of the meaning, and explanation of the idiom.

- VIII. *Job; Ecclesiastes; Jeremiah; Lamentations; Thessalonians; Timothy; Titus*. Counts one credit.

IX. *Exodus-Joshua; Ezekiel; Galatians; Philippians*. Counts one credit.

X. *Remaining Old Testament Historical Books (except Chronicles); Corinthians*. Counts one credit.

XI. *Minor prophets; Remaining Psalms; Previously Unread Books of New Testament*. Counts one credit.

D. Department of Wen-li Literature.

To insure a through grounding in Mandarin, the study of Wen-li is allowed only after the completion of the second year.

Requirement in Study of the Courses.

In all it is required to be able to read, to translate at sight into English and Mandarin, and to give full explanation of the idiom and grammar.

Either of the two following alternative courses is required to be studied before electing further work in the department. Credit will not be given for the passing of both.

I. *Baller's Wen-li Lessons together with Hirth's Notes on the Documentary Style*. Counts two credits.

II. *Bullock's Progressive Exercises in Wen-li together with Hirth's Notes on the Documentary Style*. Counts two credits.

The Classics.

III. *The Great Learning*. Counts half credit.

IV. *The Analects*. Counts three credits.

V. *Mencius*. Counts four credits.

(In case all of the above are not finished, credit will be given proportionate to the amount read.)

After passing off all of these, credit will be given for the passing of examinations of proportionate amounts in any of the other Confucian, Buddhist, or Taoist classics or philosophies.

The Bible: New Testament (Delegates Version).

VI. *Luke* xii-xxiv. Counts half credit.

VII. *Acts* xii-xxviii. Counts half credit.

VIII. *Romans*. Counts half credit.

Miscellaneous.

IX. *Wen-li Newspapers*. Counts half credit.

Credit is given for reading of selections from Wen-li newspapers. The amount of credit is to be determined by the Dean of the Language School or by an appointed examiner, upon presentation by the student of the text of the ground covered. Two is the maximum of the credits allowed, and the readings offered must contain both news sections and leaders.

X. *National Readers.* III-IV. Counts half credit.

XI. *National Readers.* V-VI. Counts one credit.

XII. *National Readers.* VII-VIII. Counts one credit.

Credit is given for the reading of other Wen-li books in proportion to the amount of ground covered. The following are suggestions.

The Three Kingdoms, Chinese History, the History of the Ching Dynasty, any of the writings of H. L. Zia.

Technical Courses.

It is fully appreciated that, after the start has been made in the language, the student is required to do a large amount of study in preparation for the work he is to do. Inasmuch as such study, where practical use is at once made of the knowledge gained, is of the highest value, it is planned to give full credit as far as possible for such work. To this end credit will be given, to be determined by the Dean or accredited examiner, for examinations passed upon any textbook, Bible study book, etc., which has thus been used by the student. This kind of language study is highly recommended as of great value. In particular doctors and nurses, teachers, and secretaries of the Young Men's Christian Association may avail themselves of this advantage.

E. Department of Etymology and Composition.

I. *Character Analysis and Writing.* This course requires a study of Wieger's 'Chinese Characters,' including the Introduction of 18 pages and the 177 Etymological Lessons. This will give a review of many old characters and about 350 useful new ones, grouping them all etymologically. (See prepared list published by the Schools.) The many uncommon characters and elements met with need not be committed and will not be included in the examination. The examination will, however, include the first 1,000 list. The course counts as three credits.

II. *Character Analysis and Writing.* The course requires the analysis and writing of the 500 additional characters selected from Wieger's second volume by the Schools (see prepared list). This course counts as one credit.

III. *The Writing and Analysis of the 500 Characters given in the list prepared by the Schools as specially adapted for the use of physicians and nurses.* This course counts as one credit.

IV. *Character Analysis and Writing.* This includes the analysis and writing of a further list of 500 characters as prepared by the Schools. This course counts two credits.

V. *The Writing of 500 More Characters on the list prepared for the use of physicians.* This counts as two credits.

THE UNIVERSITY HOSPITAL.

GENERAL STATEMENT.

This Hospital was built up through twenty years of faithful labour by Dr. W. E. Macklin, and has won for itself an enviable reputation which extends far beyond the limits of the city.

It was taken over in 1914 as a part of the Medical Department of the University and is continuing under the management of the University. It is located near the Drum Tower and is easily accessible to all parts of the city.

The plant consists of the main hospital building of thirty-five beds, of special wards in remodelled Chinese buildings which will accommodate forty patients, and of two small isolation cottages which will care for ten cases. The new Teachout Operating Pavilion furnishes excellent accommodation for clinical demonstrations in medicine and surgery and also provides two clinical laboratories.

STAFF.

Committee of Management :	Dr. T. D. SLOAN, Chairman
	Dr. A. J. BOWEN
	Mr. G. W. SARVIS
	Dr. J. E. WILLIAMS
Superintendent :	... .. Dr. T. D. SLOAN
Secretary-Treasurer :	... Miss E. T. WALKER
Social Secretary :	... .. Mr. LEE TUNG-FU
Visiting Physicians :	... †Dr. P. S. EVANS, Jr.
	Dr. E. C. PERKINS
	Dr. T. D. SLOAN
Visiting Surgeons :	... *Dr. W. G. HILTNER
	Dr. A. C. HUTCHESON

*On furlough 1916-1917. †On furlough 1917-1918.

Resident Physicians:	...	Dr. DJANG FENG-I
		Dr. DJEN HWAI-REN
		Dr. KIANG WEN-BO
		Dr. SUNG DEH-TSUEN
Chemist:	...	Mr. CHEN JU-SING
Superintendent of Nurses:		Miss F. M. WARNER
Nurses:	...	Mrs. SWEN YU-CHANG
		Mrs. WEI SU-MING
		Mr. TING DJEN-NIN
		Eight nurses in training

REGISTER OF STUDENTS.* †

THE COLLEGE.

Graduates, June 1916.

Cheo Chi-kao	...	...	Nanking, Kiangsu.
Hu Hsioh-yuen	...	...	Anking, Anhwei.
Hung Yu-feng	...	...	Tsihhsien, Anhwei.
Li Chen-hwang	...	...	Chinkiang, Kiangsu.
Li Wei-nong	...	...	Nanking, Kiangsu.
Ren Ying-chong	...	...	Nanking, Kiangsu.
Tewksbury, M. Gardner	...	...	Peking, Chihli.
Tung Chi-tao	...	...	Ningkwofu, Anhwei.
Woo Tung-choh	Chinghsien, Anhwei.

Graduate, January 1917.

<i>a</i> Tsi Sheo-nan	Ningpo, Chekiang.
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Senior.

Wang Shi-hsü	Nanking, Kiangsu.
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Juniors.

Chang Fang	Nanking, Kiangsu.
Chen Chang	Kianglingchen, Kiangsu.
Chen Chung-sheng	Yungchiahsien, Chekiang.
Chen Tao-lung	...	...	Nanfensien, Kiangsu.
Liu Nai-ching	...	...	Chaohsien, Anhwei.
Tsü Rwen-tsiang	...	...	Lanhsihien, Chekiang.
Yü Li-chi	...	...	Laiansien, Anhwei.

Sophomores.

Chang Shao-chih	...	...	Sulinhsien, Szechwan.
Cheo Shui-chang	...	...	Nanking, Kiangsu.

* In this Register of Students the former nomenclature of the departments of the University is used.

† The classification is for the spring semester, 1917; (*a*) indicates those present during the autumn semester, 1916-7, and not during the spring semester, 1917; (*s*) indicates those present during the spring semester and not during the autumn semester.

<i>a</i>	Chu Chia-chi	...	Yenchow, Chekiang.
	Chu Tiao-swen	...	Nanking, Kiangsu.
	Fang Chen-chuin	...	Nanking, Kiangsu.
	Hwang Ren-chieh	...	Pinshanhsien, Szechwan.
	Kiang Hung-chi	...	Nanchang, Kiangsi.
	Ko Ta-yung	...	Pahsien, Szechwan.
<i>s</i>	Tsui Tsiang-chih	...	Wuhu, Anhwei.
	Wang Ching-kung	...	Nanking, Kiangsu.
<i>a</i>	Wang Sih-han	...	Nanking, Kiangsu.

Freshmen.

	Cha Chien	...	Ningkwoh, Anhwei.
	Chang Li-chao	...	Ningkwoh, Anhwei.
	Chao Teh-hsing	...	Chinkiang, Kiangsu.
	Chen An-tsz	...	Rangoon, Burma.
	Chen Chen-hsien	...	Kinkiang, Kiangsi.
	Chen Hsioh-i	...	Nanking, Kiangsu.
	Chen I-tsu	...	Chinkiang, Kiangsu.
<i>s</i>	Chen Kang-chi	...	Shanghai, Kiangsu.
<i>s</i>	Cheo Hsiao-cheng	...	Luchowfu, Anhwei.
	Chu Pao-tsu	...	Soochow, Kiangsu.
<i>a</i>	Chu Shao-piao	...	Soochow, Kiangsu.
	Chu Teh-fang	...	Nanking, Kiangsu.
<i>a</i>	Chu Yuen	...	Changchow, Kiangsu.
	Chuh En-seng	...	Chinkiang, Kiangsu.
<i>s</i>	Fang Cheng	...	Changchow, Kiangsu.
	Fang Tsi-yuing	...	Chinkiang, Kiangsu.
	Feng Hsuing	...	Nanking, Kiangsu.
	Feng Pan-wen	...	Hanyang, Hupeh.
<i>s</i>	Hsing I-chu	...	Nanking, Kiangsu.
<i>s</i>	Hsü Cheh	...	Wenchow, Chekiang.
<i>a</i>	Hsü Yuen-yuen	...	Soochow, Kiangsu.
<i>s</i>	Hu Kwau-hstung	...	Fengyangfu, Anhwei.
<i>a</i>	Hu Yuen-hao	...	Pinghu, Chekiang.
<i>s</i>	Hung Rwen-tsiang	...	Taipingfu, Anhwei.
	Hung Yuen-chang	...	Yangchow, Kiangsu.
<i>s</i>	Hwang Tao-yung	...	Chungking, Szechwan.
	Kiang Hsiao-hsien	...	Wuhu, Anhwei.

	Lan Pao-liu	...	Chinkiang, Kiangsu.
	Leng Pao-seng	...	Nanking, Kiangsu.
	Li Ching-ling	...	Luchowfu, Anhwei.
	Li Hung-teh	...	Nanking, Kiangsu.
	Li Kwoh-tung	...	Nanking, Kiangsu.
<i>s</i>	Liu Kwoh-chuin	...	Nanking, Kiangsu.
<i>a</i>	Liu Ren-chieh	...	Nanking, Kiangsu.
	Liu Tsong-pen	...	Luhan, Anhwei.
	Lo Liang-chu	...	Changsha, Hunan.
	Ren Ching-chang	...	Nanking, Kiangsu.
	Tang Hsioh-hwei	...	Ninghaihsien, Chekiang.
<i>s</i>	Teng Pan-hsien	...	Soochow, Kiangsu.
<i>s</i>	Tsai Chang-ru	...	Kwenshanhsien, Kiangsu.
<i>s</i>	Tsiang Lien	...	Changchow, Kiangsu.
	Tsü Ping-hao	...	Seoul, Korea.
	Tsü Tsing	...	Shanghai, Kiangsu.
<i>s</i>	Tung Chi-hsioh	...	Ningkwoh, Anhwei.
	Wang Cheng-fang	...	Soochow, Kiangsu.
<i>s</i>	Wang Hai-yuing	...	Taihsien, Anhwei.
	Wang Kang-hou	...	Wuhu, Anhwei.
<i>s</i>	Wu Shi-shui	...	Nanking, Kiangsu.
<i>s</i>	Yao Kwoh-liang	...	Nanking, Kiangsu.
<i>s</i>	Yeh Shu-feng	...	Shanghai, Kiangsu.
<i>s</i>	Yen Chao-chieh	...	Wuhu, Anhwei.
	Yü Pao-shwen	...	Chinkiang, Kiangsu.
<i>s</i>	Yu Twen-ho	...	Laian, Anhwei.
<i>s</i>	Yung Chia-yuen	...	Nanking, Kiangsu.

Special.

<i>s</i>	Chen Yuing-swen	...	Nanking, Kiangsu.
<i>a</i>	Han Ching-kwei	...	Nanking, Kiangsu.
<i>a</i>	Heo Pao-cheng	...	Wuhu, Anhwei.
	Ho, James	...	Honolulu.
<i>a</i>	Hung Hsi-wen	...	Nanking, Kiangsu.
<i>s</i>	Ku Ren	...	Soochow, Kiangsu.
<i>a</i>	Li Yuen-tao	...	Ichang, Hupeh.
	Ling Ping-chen	...	Wuhu, Anhwei.
<i>a</i>	Tang Meo-ru	...	Tachu, Szechwan.

^a Tong Sing-men	...	...	Shanghai, Kiangsu.
Tsai Mo-seng	...	...	Honolulu.
^s Wang Hen-sing	...	...	Hsuehchowfu, Kiangsu.

THE MEDICAL SCHOOL.

Graduates, January 1917.

Chang Fang-i	...	...	Tientai, Chekiang.
Chen Hwai-ren	...	...	Yienchow, Chekiang.
Chen Teh-hwai	...	...	Tientai, Chekiang.
Chien Chi-suen	...	...	Nanking, Kiangsu.
Li Shu-hwa	...	...	Changteh, Hunan.
Ni Luen-yuen	...	...	Dehching, Chekiang.
Shen Tsai	...	...	Wuchow, Chekiang.
Sie Shi-hwei	...	...	Siangtan, Hunan.
Sie Wei-ren	...	...	Luhoh, Kiangsu.
Sung Teh-tsuen	...	...	Wuhu, Anhwei.
Wang Yuen-ling	...	...	Hangchow, Chekiang.
Wu Chi-yong	...	...	Changchow, Kiangsu.

Undergraduates.*

Chang Sing-bei	...	...	Hangchow, Chekiang.
Chen Tao-seng	...	...	Tsienshan, Anhwei.
Cheo Teh-ming	...	...	Wenchow, Chekiang.
Choh King-tai	...	...	Kwangchow, Kwangtung.
Hou Bao-chang	...	...	Hohfei, Anhwei.
Hou Bao-shing	...	...	Chaohsien, Anhwei.
Kao Ching-lang	...	...	Shaoshing, Chekiang.
Ku Pu-chuan	...	...	Ningpo, Chekiang.
Ren Ting-kwei	...	...	Nanking, Kiangsu.
Ting Lih-dzeng	...	...	Ningpo, Chekiang.
Wang Shi-kwei	...	...	Wuhu, Anhwei.
Wang Yu-chang	...	...	Haushan, Anhwei.
Wu Yoh-weng	...	...	Singdzeng, Chekiang.
Yeh Hsi-hwa	...	...	Kinhwa.

* At close of autumn semester, January 1917, when the school was transferred to Tsinanfu.

THE COLLEGE OF AGRICULTURE AND FORESTRY.

AGRICULTURAL STUDENTS.

Class of 1918.

Chao Chung-ting	...	...	Peking, Chihli.
Chen Chung	...	...	Chiensan, Kiangsi.
Hsu Chen	...	...	Ishing, Kiangsu.
Li Tsih-hsing	...	...	Hangchow, Chekiang.
Pan J. Chien	...	...	Wuhsiên, Kiangsu.
Yeh Yuen-ting	...	...	Chinhai, Chekiang.

Class of 1919.

Chen Kwang-shun	...	...	Nanghai, Kwangtung.
Chow Ming-i	...	...	Nantungchow, Kiangsu.
Hsü Tsung-kung	...	...	Shihtaihsien, Anhwei.
Hwang Tien-yu	...	...	Putien, Fukien.
Li Tsing-kong	...	...	Wuhsien, Kiangsu.
Shao Teh-shing	...	...	Yenchengsung, Kiangsu.

Class of 1920.

Bao Kwong-tao	...	...	Wuhu, Anhwei.
Chang Hai-san	...	...	Kintan, Kiangsu.
Chen Djeng-ming	...	...	Canton, Kwangtung.
^s Chen Kan-che	...	...	Hsiangshanhsien, Kwang.
Hsu, Irving	...	...	Canton, Kwangtung.
Hwa Beh-hsiung	...	...	Tangkihsien, Chekiang.
Hwen Wen-kwong	...	...	Taishan, Kwangtung.
Kwang S. Ling	...	...	Heungshan, Kwangtung.
Lai Yuh-hsun	...	...	Yungting, Fukien.
Mao Hsiung	...	...	Wuchen, Kiangsu.
^a Peng Fang-tzi	...	...	Soochow, Kiangsu.
^a Shan Li-chen	...	...	Shaoshing, Chekiang.
Sun Tsung-pen	...	...	Wusih, Kiangsu.
Tang Chi-yu	...	...	Yangchow, Kiangsu.
Tsou Hsi-sha	...	...	Kiatang, Kiangsu.
Wang Kwoh-ting	...	...	Wuchen, Kiangsu.
Wu Wen-an	...	...	Hungshan, Kwangtung.

FORESTRY STUDENTS.

Class of 1920.

Chang Chuan-ching	...	Kashing, Chekiang.
Chang Fah-chung	...	Hwanghsien, Shantung.
Chang Tung-wu	...	Haimen, Kiangsu.
Chang Wei-chen	...	Kashing, Chekiang.
Fang I-chong	...	Kwangshan, Honan.
Hsu Hwai	...	Yingchow, Anhwei.
Hwang Chung	...	Hwangchow, Honan.
Kao Ping-fang	...	Pohshan, Shantung.
Ken Choh-ling	...	Tsinghsien, Chihli.
Li Dai-fang	...	Tsihmoh, Shantung.
^s Li Hsiang-ping	...	Changshanhsien, Shantung.
Li Shun-ching	...	Haihsien, Shantung.
Li Yien-tseh	...	Tsingping, Shantung.
^s Li Yung	...	Chiensanhsien, Anhwei.
Liu Pei-chang	...	Hohsien, Anhwei.
Lu Chen	...	Kiangning, Kiangsu.
Ni Wen-hsing	...	Hohsien, Anhwei.
Pan Hsioh-tsan	...	Hwailing, Anhwei.
Pan Wen-fuli	...	Hohsien, Anhwei.
Pen Ko-chung	...	Kwanshan, Honan.
Shen I-chen	...	Kading, Kiangsu.
Sun Tung-chang	...	Kiacho, Chihli.
Tai Tsung-yueh	...	Tienchang, Anhwei.
Teng Chuan-ting	...	Kiangyin, Kiangsu.
Tung Hwa	...	Anking, Anhwei.
^a Wang Wen-tien	...	Nanking, Kiangsu.
Wu Djoh-ming	...	Ningkwofu, Anhwei.
Yang Kwei	...	Chienchow, Yunnan.

THE SCHOOL OF NORMAL TRAINING.

Graduates, June 1916.

Chang Ming-hsien	...	Nanking, Kiangsu.
Chow Tsuin	...	Nanking, Kiangsu.
Hu Pei-chia	...	Tsihsi, Anhwei.
Hwang Hsing-teh	...	Hohfei, Anhwei.
Ku Teh-yuen	...	Nanking, Kiangsu.
Liu Tsung-li	...	Nanking, Kiangsu.
Tai Ming-sing	...	Luhoh, Kiangsu.
Tsiang Hsi-shun	...	Nanking, Kiangsu.
Wu Ping-kwin	...	Nanking, Kiangsu.

Undergraduates.

^a Cheo Chang-li	...	Taising, Kiangsu.
Hsia Chung-ling	...	Luchowfu, Anhwei.
^s Hsu Hsi-ying	...	Dzingsien, Kiangsi.
King Tao	...	Pukow, Kiangsu.
Liu Chi-sien	...	Henchow, Hupeh.
Liu Chi-yao	...	Peking, Chihli.
Liu Pei-chi	...	Tsientsao, Anhwei.
Liu Shao-chiu	...	Nanking, Kiangsu.
Pang Ting-kweh	...	Luchowfu, Anhwei.
Shen Kiang	...	Changchow, Kiangsu.
Tsiang Shi-hao	...	Nanking, Kiangsu.
Tung San-tsai	...	Chichuen, Hupeh.
Wang Kia-wen	...	Wuhu, Anhwei.
Wang Yung-sen	...	Chuchow, Anhwei.
Yang Chuen-sien	...	Ningkwofu, Anhwei.
Yang Teh-feng	...	Pukow, Kiangsu.

THE HIGH SCHOOL.

Graduates, June 1916.

Cha Kwei-shwen	...	Ningkwoh, Anhwei.
*Chang Li-chao	...	Ningkwoh, Anhwei.
*Chen Cheng-hsien	...	Kiukiang, Kiangsi.

*Completed High School course January 1916.

*Chen I-tsu	Chinkiang, Kiangsu.
Chu Teh-fang	Nanking, Kiangsu.
*Feng Hsiung	Nanking, Kiangsu.
Hung Yüin-chang... ..	Yangchow, Kiangsu.
Leng Pao-seng	Nanking, Kiangsu.
Li Kwoh-tung	Nanking, Kiangsu.
Liu Tsong-ben	Luhan, Anhwei.
*Lo Liang-chu	Changsha, Hunan.
*Tai Yu-tzi	Yangchow, Kiangsu.
*Tsui Yu-chen	Taiping, Anhwei.
Tung Kwang-mei	Anking, Anhwei.
Wang Sung-tao	Ningkwoh, Anhwei.
*Wang Wen-tien	Nanking, Kiangsu.
Wu Wen-an	Hungshan, Kwangtung.

* Completed High School course January 1916.

Graduates, June 1917.

Chen Chi-hwa	Ningpo, Chekiang.
Chen Chi-shan	Shaohsien, Chekiang.
Chen Chiu-chang	Nanking, Kiangsu.
†Chen Hsioh-i	Nanking, Kiangsu.
Chen Ping-chuen	Chuchi, Chekiang.
Cheo Hsiao-cheng	Luchowfu, Anhwei.
Fang Cheng	Changchow, Kiangsu.
Hsti Cheh	Wenchow, Chekiang.
Hu I-kai	Nanking, Kiangsu.
Hu Kwan-hsuing	Fengyangfu, Anhwei.
†Hung Rwen-tsiang	Taipingfu, Anhwei.
Hwang Tao-yung	Chungking, Szechwan.
Ling Kang... ..	Wenchow, Chekiang.
†Liu Ren-chieh	Nanking, Kiangsu.
Tang Kai-wen	Nanking, Kiangsu.
Tang Meo-ru	Tachu, Szechwan.
Tu Hsing-hwa	Yangchow, Kiangsu.
Tung Chi-hsioh	Ningkwohfu, Anhwei.
†Wang Hai-yuing	Taihsien, Anhwei.
Wang Kai-wen	Taipingfu, Anhwei.

† Completed High School course January 1917.

Yao Kwoh-liang	Nanking, Kiangsu.
†Yen Chao-cteh	Wuhu, Anhwei.
Yü Tsong-li	Laianhsien, Anhwei.
Yu Twen-ho	Laianhsien, Anhwei.

† Completed High School course January 1917.

Fourth Year (b).

Chen Chi-hwa	Ningpo, Chekiang.
Chen Chi-shan	Shaohsien, Chekiang.
Chen Chiu-chang	Nanking, Kiangsu.
Chen Ping-chuen	Chuchi, Chekiang.
Hu I-kai	Nanking, Kiangsu.
Kim Hyun-sik	Pingwan, Korea.
<i>a</i> Ku Chen-kwen	Ningpo, Chekiang.
Ling Kang	Wenchow, Chekiang.
Tang Kai-wen	Nanking, Kiangsu.
Tu Hsing-hwa	Yangchow, Kiangsu.
<i>s</i> Wu Sheh-chen	Suchow, Kiangsu.
<i>s</i> Yü Tsong-li	Laianhsien, Anhwei.

Fourth Year (a).

<i>s</i> Chu Ching-hsing	Luchen, Hunan.
<i>s</i> Chu Feng-chang	Nanking, Kiangsu.
Feng Pan-hsuei	Ichang, Hupeh.
Hwang Hsuen	Nanking, Kiangsu.
<i>s</i> Pao Kwan-tao	Wuhu, Anhwei.
Tai Pen-tsing	Nanking, Kiangsu.
<i>a</i> Tung Tso-shen	Wuhu, Anhwei.
<i>a</i> Wang Tung-mo	Nanking, Kiangsu.

Third Year (b).

Chang Pao-yung	Ichen, Kiangsu.
Chen Ching-kwei	Hohfei, Anhwei.
Chien Teh-hsing	Shaohsien, Chekiang.
<i>s</i> Fang Chia-fu	Hohfei, Anhwei.
Hu Toh	Kiukiang, Kiangsu.
Kao En-yung	Nanking, Kiangsu.
Liu Chen-yü	Yangchow, Kiangsu.

Lu Pao-ru	Hwangchow, Hupeh.
Ma Ying-ren	Nanking, Kiangsu.
Sie Chen-hsuing	Taiping, Anhwei.
Wang Chen-chen	Nanking, Kiangsu.
Wang Kan-ting	Ichang, Hupeh.
^s Yang Wan-hsiün	Ningkwoh, Anhwei.
Yen Chuang-chung	Laiansien, Anhwei.

Third Year (a).

^a Chang Ting-pao	Shanghai, Kiangsu.
Chao Ren-hwa	Yuintsao, Anhwei.
^s Chu Chi-chang	Chinkiang, Kiangsu.
Chu Chieh-yuen	Nanking, Kiangsu.
Chwang Ching-shen	Tungchow, Kiangsu.
Han Pao-hwa	Nanking, Kiangsu.
Hsi Men-kwan	Tongchuen, Szechwan.
^a Hsia Yung-kwei	Chinghai, Chekiang.
Hsiung Chun-hsü... ..	Shangcheng, Honan.
Hsiung Chun-tao	Shangcheng, Honan.
Hung Hsing-peh	Hweichow, Anhwei.
Tai Ching-hwa	Nanking, Kiangsu.
Tsiang Chia-hsiün	Nanking, Kiangsu.
Wang Chen-lung	Chihchow, Anhwei.
Wu Ching-ling	Hsiehhsien, Anhwei.

Second Year (b).

Chang Pi-shan	Amoy, Fukien.
Chang Tsu-feng	Nanking, Kiangsu.
^a Cheo Po-heo	Hwangmei, Hupeh.
^s Chien Tai-hsing	Ichang, Hupeh.
Choh Ching-chih	Canton, Kwangtung.
^s Chu Kwan-fuh	Taihsing, Kiangsu.
Fang Hsuing	Tungchen, Anhwei.
Hsiung Tai-chuen	Tsaoyang, Hupeh.
Kiang Pen-kung	Laichow, Shantung.
Leo Sz-hwai	Nanking, Kiangsu.
Li Yao-fu	Luchow, Szechwan.
^a Liu Hsiao-kwen	Hochow, Anhwei.

^s Liu I-hsing	Chihchow, Anhwei.
Su Chen-yeh	Shanghai, Kiangsu.
Tsü Ming-kao	Anking, Anhwei.
^a Tung Wei	Changchow, Kiangsu.
Wang Chia-tsih	Fenghsien, Kiangsu.
Wang Ta-chao	Nanking, Kiangsu.
Wei Hsioh-ren	Nanking, Kiangsu.
Wu Kwei-nien	Chinkiang, Kiangsu.
Yang Shu-kai	Pukow, Kiangsu.

Second Year (a).

^a Chang Chi	Nanking, Kiangsu.
Chang Chi-hwa	Chuchow, Anhwei.
Chang Chi-wen	Chuchow, Anhwei.
Chang Shan-yü	Nanking, Kiangsu.
Chen Hsiao-hsü	Nanking, Kiangsu.
^s Chen Sung-lien	Nanking, Kiangsu.
Chiang Chung-li	Hwaiyuen, Anhwei.
Chien Sun-yu	Nanking, Kiangsu.
Ching Wen-liang	Pukow, Kiangsu.
^a Chu Lien-yu	Nanking, Kiangsu.
Fang Chen-shui	Changshuh, Kiangsu.
Han Li-wu... ..	Chuchow, Anhwei.
^a Ho Ya-chien	Chinkiang, Kiangsu.
Hoh Yün-hsi	Hohfei, Anhwei.
Hou Shou-po	Pangyü, Kwangtung.
Hsia Ren-giai	Nanking, Kiangsu.
Kiang Shui-fan	Tungchow, Kiangsu.
Ko Hsiang-feng	Chihchow, Anhwei.
Lao Yuen-pei	Nanking, Kiangsu.
^a Li Tai-seng	Nanking, Kiangsu.
Li Teh-i	Chuchow, Anhwei.
Liao Wen-ping	Nanking, Kiangsu.
^a Ling Chi-yang	Paoan, Kwangtung.
Ling Kwen-i	Chungking, Szechwan.
Lu Chang-lung	Nanking, Kiangsu.
^s Lung Hsiang	Shanghai, Kiangsu.
^s Ma Chien-chang	Luchow, Szechwan.

Pen Shan-chüih	Hohfei, Anhwei.
Shen Hsioh-chi	Hsiuling, Anhwei.
Tsai Wei-fang	Nanking, Kiangsu.
Tsao Kwoh-liang	Luhó, Kiangsu.
Wang Hung-chi	Pukow, Kiangsu.
<i>s</i> Wang Yung-ti	Icháng, Hupeh.
Wu Hsü-seng	Shanghai, Kiangsu.
Wu Pao-tsu	Chuchow, Anhwei.
Yang Chuin	Chungking, Szechwan.
<i>s</i> Yang Shao-han	Ichang, Hupeh.
Yang Yao-ming	Tunghsiang, Chekiang.
Yü Tso-ling	Nanking, Kiangsu.

First Year (b).

Chao Shao-ting	Tantu, Kiangsu.
Cheh Chi-seng	Chinghsien, Anhwei.
Chen Hung-ching... ..	Ningpo, Chekiang.
<i>a</i> Chen Luh-kwan	Ningpo, Chekiang.
<i>s</i> Chen Sing-tsai	Hangchow, Chekiang.
Chia Chen-chuen	Kaoyu, Kiangsu.
Ching Hsiao-hwei... ..	Nanking, Kiangsu.
Fang Chi-ching	Pukow, Kiangsu.
Fang Shen-yü	Machen, Hupeh.
Feng Sih-kan	Shanghai, Kiangsu.
Hwang Chi-lih	Enyang, Kwangsi.
Hwang Pao-hwang	Hsiangshan, Kwangtung.
Kiang Ben-kwang	Laichow, Shantung.
Li Ching-hsiang	Laiansien, Anhwei.
<i>a</i> Li Hwa-nan	Nanking, Kiangsu.
<i>a</i> Lu Kwoh-chuen	Ohsan, Kwangtung.
Mao Teh-en	Nanking, Kiangsu.
Sie Ching-tsu	Hwailing, Anhwei.
Tan Kwan-tung	Chinkiang, Kiangsu.
<i>a</i> Tung Hwei	Kingtang, Kiangsu.
Tung Teh-fu	Nanking, Kiangsu.
Wang Tso-chou	Chüyung, Kiangsu.
Wu Sun-san	Nanking, Kiangsu.

<i>a</i> Yang Tien-chang	Suiling, Szechwan.
<i>s</i> Yü Beh-ping	Changchow, Kiangsu.
Yuen Chi-hsing	Chüyung, Kiangsu.

First Year (a).

<i>s</i> Chang Chen-hai	Nanking, Kiangsu.
<i>s</i> Chang Yuen-chieh	Chuchow, Anhwei.
Chen Chen-hsi	Nanking, Kiangsu.
<i>s</i> Chen Yü-hwa	Nanking, Kiangsu.
<i>a</i> Cheo Shui-fan	Nanking, Kiangsu.
<i>s</i> Chu Wen-bo	Kiangyin, Kiangsu.
Han Chuen-tao	Nanking, Kiangsu.
<i>a</i> Ho Ping-li	Nanking, Kiangsu.
<i>s</i> Hu Shao-wen	Fengyang, Anhwei.
<i>s</i> Hwang Chai-tung... ..	Nanking, Kiangsu.
<i>a</i> Li Chen-chwang	Chuchi, Chekiang.
<i>s</i> Li Chia-yung	Chuchow, Anhwei.
<i>a</i> Liang Chi-chi	Suiling, Szechwan.
Ling Ping-chen	Wuhu, Anhwei.
<i>s</i> Liu Ching-pan	Nanking, Kiangsu.
<i>s</i> Liu Teh-shen	Tantu, Kiangsu.
<i>a</i> Ni Shen-tsu	Nanking, Kiangsu.
<i>s</i> Pu Kwan-ti	Nanking, Kiangsu.
<i>s</i> Shao Chiang-beh	Hangchow, Chekiang.
<i>s</i> Shen En-yung	Yangchow, Kiangsu.
<i>a</i> Sun Nai-tsou	Wuhsing, Chekiang.
<i>a</i> Sun Yoh-han	Kweiyang, Kweichow.
<i>a</i> Teng An	Kiangling, Hupeh.
<i>a</i> Teng Lien	Kiangling, Hupeh.
<i>a</i> Tsiang Lien	Changchow, Kiangsu.
<i>a</i> Tsü Ting-yu	Nanking, Kiangsu.
<i>s</i> Wang Chang-fu	Chinkiang, Kiangsu.
<i>s</i> Wang Tso-mo	Nanking, Kiangsu.
<i>s</i> Wang Tsung-chia	Luhó, Kiangsu.
Wu Chi-san	Nanchwan, Szechwan.
<i>a</i> Yang Ching-chen	Chinkiang, Kiangsu.
<i>s</i> Yü Ching-chen	Chuchow, Anhwei.
Yü Tsiang-yü	Nanking, Kiangsu.

Special.

s	Chang Nien-chi	...	...	Taihsing, Kiangsu.
s	Chen Chi	...	...	Tsihwa, Chekiang.
	Chen Tseng-ling	...	...	Soochow, Kiangsu.
s	Liu Kwoh-yung	...	...	Nanking, Kiangsu.
s	Lo Wen-hao	...	...	Nanking, Kiangsu.
	Pei Kang	...	...	Hanshan, Anhwei.
s	Teng Chung-lu	...	...	Ichang, Hupeh.
	Wang Chia-yü	...	...	Nanking, Kiangsu.

THE MIDDLE SCHOOL.

Graduates, January 1916.

Ching Wen-liang	...	...	Pukow, Kiangsu.
Fang Chen	...	...	Pukow, Kiangsu.
Feng Sih-kan	...	...	Shanghai, Kiangsu.
Heo Shao-po	...	...	Pangyü, Kwangtung.
Hsia Ren-chia	...	...	Shaoshing, Chekiang.
Ko Siang-feng	...	...	Chihchow, Anhwei.
Lao Yuen-pei	...	...	Changsha, Hunan.
Li Hwa-nan	...	...	Tengchow, Shantung.
Loh Chang-lung	...	...	Nanking, Kiangsu.
Mao Teh-en	...	...	Nanking Kiangsu.
Shih Shuh-seng	...	...	Kiangsu.
Tsao Kwoh-liang	...	...	Lubo, Kiangsu.
Wang Hung-chi	...	...	Pukow, Kiangsu.
Yuen Yung-kwan	...	...	Kiangsu.

Graduates, June 1916.

Chao Shao-ting	...	...	Tantu, Kiangsu.
Chen Hung-ching	...	...	Ningpo, Chekiang.
Chia Chen-chwung	...	...	Kaoyu, Kiangsu.
Ching Hsiao-hwei	...	...	Nanking, Kiangsu.
Ho Ping-li	...	...	Nanking, Kiangsu.
Hwang Pao-hwang	...	...	Hsiangshan, Kwangtung.
Kiang Ben-kwang	...	...	Laichow, Shantung.
Li Ching-siang	...	...	Laian, Anhwei.

Liu Chuin	...	...	Hupei.
Ni Shen-tsu	...	...	Nanking, Kiangsu.
Sun Nai-tsou	...	...	Wuhsing, Chekiang.
Ting Lu-hsien	...	...	Tongtai, Kiangsu.
Tung Teh-fu	...	...	Nanking, Kiangsu.
Tsao Kwoh-liang	...	...	Pukow, Kiangsu.
Tseh Chi-seng	...	...	Anhwei.
Wang Chwun-i	...	...	Lubo, Kiangsu.
Wang Tso-chou	...	...	Chüiyung, Kiangsu.

Graduates, January 1917.

Chang Yuen-chieh	...	...	Chuchow, Anhwei.
Chen Yü-hwa	...	...	Nanking, Kiangsu.
Chia Chen-chuen	...	...	Kaoyu, Kiangsu.
Ching Hsiao-hwei	...	...	Nanking, Kiangsu.
Hu Shao-wen	...	...	Fengyang, Anhwei.
Liu Ching-pan	...	...	Nanking, Kiangsu.
Liu Teh-shen	...	...	Tantu, Kiangsu.
Pu Kwan-ti	...	...	Nanking, Kiangsu.
Sun En-yung	...	...	Yangchow, Kiangsu.
Wang Chang-fu	...	...	Chinkiang, Kiangsu.
Wang Tsong-chia	...	...	Lubo, Kiangsu.
Wu Chen-chi	...	...	Anhwei.
Yang Shou-yien	...	...	Tantu, Kiangsu.

Graduates, June 1917.

Chang Ping	...	...	Nanking, Kiangsu.
Chen Hwa-sing	...	...	Nanking, Kiangsu.
Chen Tsing-hsien	...	...	Nanking, Kiangsu.
Chwan Gi-hsi	...	...	Nanking, Kiangsu.
Chwan Gi-tsian	...	...	Nanking, Kiangsu.
Fuh Pao-chen	...	...	Nanking, Kiangsu.
Hu Tsin-chen	...	...	Tantu, Kiangsu.
Kwoh Tsu-hwei	...	...	Nanking, Kiangsu.
Ma Kai-ruh	...	...	Wuhsien, Kiangsu.
Nan Kung-li	...	...	Tsiyang, Szechwan.
Shen Chan-tsao	...	...	Wuhsien, Kiangsu.
Shen Tsi-chan	...	...	Shanghai, Kiangsu.
Tsü Kia-ki	...	...	Angih sien, Kiangsu.

Wang Chang-hu	Fengyang, Anhwei.
Wang Siu-tsoh	Nanking, Kiangsu.
Wang Teh-ping	Chienshang, Anhwei.
Wang Tsung-hsi	Luhoh, Kiangsu.
Wang Tsung-kien... ..	Luhoh, Kiangsu.
Wu Ying-hwai	Shangyuenhsien, Kiangsu.
Yu Chao-tung	Nanking, Kiangsu.

Fourth Year (b).

Chang Ping	Nanking, Kiangsu.
Chang Yuen-kwan	Laian, Anhwei.
Chen Hwa-sing	Nanking, Kiangsu.
Chen Tsing-hsien	Nanking, Kiangsu.
Chwan Gi-hsi	Nanking, Kiangsu.
Chwan Gi-tsian	Nanking, Kiangsu.
Fuh Pao-chen	Nanking, Kiangsu.
Hu Tsui-chen	Tantu, Kiangsu.
Kwan Yung-yao	Singling, Kwangtung.
Kwoh Tsu-hwei	Nanking, Kiangsu.
Li Chen-chwan	Ningpo, Chekiang.
Li Kwoh-biao	Nanking, Kiangsu.
^s Ma Kai-ruh... ..	Wuhsien, Kiangsu.
Nan Kung-li	Tsiyang, Szechwan.
Shen Chan-tsao	Wuhsien, Kiangsu.
Shen Tsi-chan	Shanghai, Kiangsu.
Tsü Kia-ki	Angih sien, Kiangsi.
Wang Chang-hu	Fengyang, Anhwei.
Wang Siu-tsoh	Nanking, Kiangsu.
Wang Teh-ping	Chienshang, Anhwei.
Wang Tsung-hsi	Luhoh, Kiangsu.
Wang Tsung-kien... ..	Luhoh, Kiangsu.
Wu Ying-hwai	Shangyuenhsien, Kiangsu.
Yu Chao-tung	Nanking, Kiangsu.

Fourth Year (a).

Chang En-pei	Nanking, Kiangsu.
Chen Hsi-hsien	Chienshan, Anhwei.
^s Chen Tsih-chen	Nanking, Kiangsu.

Fang Chi-chang	Chaohsien, Anhwei.
Hsti Su-chien	Wuwei, Anhwei.
Hung Siu-kwen	Nanking, Kiangsu.
Kao Han	Korea.
^s Ku Shih-chwen	Nanking, Kiangsu.
Kwoh Tsu-mou	Nanking, Kiangsu.
Liu Tao-chu	Paoyin, Kiangsu.
Lu Pao-ying	Nanking, Kiangsu.
^s Pan Wen-tsu	Nanking, Kiangsu.
Tung Chien	Kintan, Kiangsu.
Wang Chwen-hai	Nanking, Kiangsu.
Wang Tsai-liang	Nanking, Kiangsu.
Wu Wei-san	Nanking, Kiangsu.
^s Yen Ching-chao	Shantung.

Third Year (b).

Che Chia-chi	Chinkiang, Kiangsu.
Chen Han-yung	Kwangtung.
Feng Yao-chieh	Nanking, Kiangsu.
Kao Tsung-sing	Hsinghwa, Kiangsu.
^s Kung Yuen	Kiangpu, Kiangsu.
Pien Chi-cheo	Taichow, Kiangsu.
Shen Yen-kwen	Hanyang, Hupeh.
^s Shih I-süen... ..	Wuhsien, Kiangsu.
Tan Wen-yao	Chaohsien, Anhwei.
Wang Shih-nai	Kweichi, Anhwei.
Wang Tsai-ken	Nanking, Kiangsu.
Wu Mo-ling	Kiukiang, Kiangsi.

Third Year (a).

Han I-shou	Taihsin, Kiangsu.
Hsü Chwan-pen	Kweichi, Anhwei.
Hwa Chen-kwei	Paoying, Kiangsu.
^s Li Teh-King	Nanking, Kiangsu.
Liu En-luh	Nanking, Kiangsu.
Lu Chwan-ling	Tungling, Anhwei.
^s Pen Keh-kien	Kwangshang, Honan.
^s Pien Kü-chou	Taihsin, Kiangsu.

s	Su Swen-tsai	...	Yangding, Fukien.
	Süeh Ching-chwen	...	Suhhsien, Anhwei.
	Tang Shan-chih	...	Kweichi, Anhwei.
s	Tien Chung-ih	...	Nanking, Kiangsu.
s	Tsiang Kung-lu	...	Sanshui, Kwangtung.
s	Wang Sih-ling	...	Shanghai, Kiangsu.
s	Wu Tsih-lung	...	Wutsin, Kiangsu.
s	Yang Yung-chwen	...	Nanking, Kiangsu.
	Yüen Kai-ki	...	Shangyü, Chekiang.

Second Year (b).

	An Ming-chen	...	Korea
s	Chang Wan-ling	...	Chihli.
s	Chen Wen-tsan	...	Kinh sien, Chekiang.
	Choi Ming-ching	...	Korea.
	Chung Hen-kan	...	Lingsien, Chekiang.
s	Ho I-yüen	...	Naihai, Kwangtung.
s	Hou Ying-seng	...	Nanking, Kiangsu.
	Hyun Ching-choo	...	Korea.
	Kao Hsia-chan	...	Nanking, Kiangsu.
s	Kao Hung-tseh	...	Fentai, Anhwei.
	Kao Shen-wu	...	Tantu, Kiangsu.
	Kim Se-moon	...	Korea.
	Kwoh Ling-teh	...	Ichen, Kiangsu.
	Lan Pao-yuen	...	Yangchow, Kiangsu.
	Li Chai-swen	...	Korea.
	Li Pei-ling	...	Nanking, Kiangsu.
	Liang Yen-mei	...	Luhö, Kiangsu.
	Liao Chung-fang	...	Hankow, Hupeh.
	Ling Hsien-chan	...	Taihsien, Kiangsu.
s	Ma Kien-kan	...	Szechwan.
s	Ou Yang-tsao	...	Laiansien, Anhwei.
	Pi Chien-yüen	...	Hohsien, Anhwei.
	Shen Chen-hou	...	Hohfei, Anhwei.
s	Siao Kwoh-tsian	...	Kweichi, Anhwei.
s	Sung Fang-han	...	Hankow, Hupeh.
	Tiao Sung-seng	...	Hohfei, Anhwei.
	Tu Yu-hsing	...	Nanking, Kiangsu.

	Tuh Chao-ting	...	Nanking, Kiangsu.
s	Tung Kien-mou	...	Changtsin, Shantung.
s	Wang Chang-ih	...	Fenyang, Anhwei.
s	Ying Shan-neng	...	Ningpo, Chekiang.
	Yu Tsung-chwen	...	Nanking, Kiangsu.

Second Year (a).

	Chang Chwan-tao	...	Szechow, Anhwei.
	Chen Chung-yao	...	Kwangtung.
s	Chen Teh-lung	...	Shouhsien, Anhwei.
s	Chen Wen-lung	...	Shouhsien, Anhwei.
	Chen Yang-chieh	...	Shanghai, Kiangsu.
	Cheo, Joseph	...	Hankow, Hupeh.
	Chu Chuin	...	Anhwei.
s	Chu I-teh	...	Kweichi, Anhwei.
	Hsiung Gi-shu	...	Tsichow, Anhwei.
	Hwan Feng-tsian	...	Tantu, Kiangsu.
s	Ki Bing-kwen	...	Tantu, Kiangsu.
	Li Chieh	...	Tsichow, Anhwei.
s	Li Fah-chen	...	Siangtan, Hunan.
	Lu I-tsian	...	Kingtan, Kiangsu.
	Ren Tsung-tsu	...	Tantu, Kiangsu.
	Shen Ki-hwa	...	Shangyang, Kiangsu.
	Shih Lü-sing	...	Kingtan, Kiangsu.
	Sie Chang-seng	...	Chinkiang, Kiangsu.
s	Swen Sing	...	Kingtan, Kiangsu.
s	Tsiang Kia-chwen	...	Nanking, Kiangsu.
s	Tsiang Kia-liu	...	Nanking, Kiangsu.
	Tsü Shao-wu	...	Wuhu, Anhwei.
s	Tu Ching-chen	...	Fengchen, Kiangsi.
	Wen Shen-chen	...	Hankow, Hupeh (deceased).
s	Wen Tsung-sing	...	Meih sien, Kwangtung.
s	Wu Pao-yung	...	Kiangyin, Kiangsu.
s	Wu Shwan-ling	...	Meichwan, Hupeh.
s	Wu Wen-ying	...	Changchow, Kiangsu.
	Yáo Shu-tsih	...	...
	Yü Hsieh-chung	...	Chienshan, Anhwei.
	Yu Pei-hwa	...	Wuhu, Anhwei.

*First Year (b).

Chen Sz-sing	...	...	Shihdaihsien, Anhwei.
Chen Tao-hwang	...	...	Tsaoyangfu, Hupeh.
Cheo Chang-chwun	...	...	Haichow, Kiangsu.
Cheo Hsiao-ping	...	...	Hohfei, Anhwei.
Ching Hung-wei	...	...	Ningpo, Chekiang.
Kao Yee-sing	...	...	Hsinghwa, Kiangsu.
Lee Yu-chen	...	...	Nanking, Kiangsu.
Liang Kwung-tsing	...	...	Nanking, Kiangsu.
Meh Ming-teh	...	...	Chinkiang, Kiangsu.
Shen Yung-seng	...	...	Nanking, Kiangsu.
Swen Kien-ming	...	...	Haichow, Kiangsu.
Tung Chi	...	...	Siangyang, Hupeh.
Tung Men-chui	...	...	Hankow, Hupeh.
Wang Kia-kwei	...	...	Chuchow, Anhwei.
Wu Shuan-ling	...	...	Chichow, Hupeh.
Yang Feng-chi	...	...	Szechow, Anhwei.
Yü Chee	...	...	Shangying, Chekiang.

*First Year (a).

Chang Ta-wen	...	...	Hankow, Hupeh.
Chang Wen-ying	...	...	Nanking, Kiangsu.
Chen Chen-ho	...	...	Nanking, Kiangsu.
Chen Mun-chieh	...	...	Nanking, Kiangsu.
Chi Shau-chia	...	...	Tsuchowfu, Anhwei.
Chien Ren-pu	...	...	Anking, Anhwei.
Heo Yien-chong	...	...	Pukow, Kiangsu.
Liu Chuen-chi	...	...	Pukow, Kiangsu.
Ni An-pau	...	...	Hohfei, Anhwei.
Shih Chen-shen	...	...	Suchow, Kiangsu.
Tai Shen-hsi	...	...	Hunan.
Tien Yu-ren	...	...	Chinkiang, Kiangsu.
Tsiang Sze-ching	...	...	Ningkwofu, Anhwei.
Tung Feng-woo	...	...	Hankow, Hupeh.
Wei Hsioh-lee	...	...	Nanking, Kiangsu.
Wu Sze-tsun	...	...	Changchow, Kiangsu.
Yoh Chiang-hung	...	...	Hwangpihsien, Hupeh.

*The first year contained the Practice School grades.

DEPARTMENT OF MISSIONARY TRAINING.

First Year Students, in Residence.

Andrews, Miss Hazel	...	...	Yangchow, Kiangsu.
^a Booth, Miss Alma	...	...	Anking, Anhwei.
^s Brittingham, Miss Harriet H.	...	...	Hangchow, Chekiang.
^a Brown, Miss Ruth G.	...	...	Nanking, Kiangsu.
^a Carr, Miss Jo	...	...	Chinkiang, Kiangsu.
^a Carter, Miss Gertrude P.	...	...	Changsha, Hunan.
Corson, Miss Margaret A.	...	...	Nanking, Kiangsu.
Davies, Miss Dorothy	...	...	Nanking, Kiangsu.
Davis, Miss Ethel L.	...	...	Changsha, Hunan.
Dodd, Rev. Duncan F.	...	...	Nanking, Kiangsu.
Dodd, Mrs. D. F.	...	...	Nanking, Kiangsu.
D'Olive, Rev. W. C.	...	...	Tsining, Shantung.
D'Olive, Mrs. W. C.	...	...	Tsining, Shantung.
Fillmore, Miss Anne L.	...	...	Nanking, Kiangsu.
Firor, Miss Marion P.	...	...	Yochow, Hunan.
^s Ghiselin, Rev. Charles, Jr.	...	...	Taichow, Kiangsu.
Gill, Mrs. J. M. B.	...	...	Nanking, Kiangsu.
Gray, Miss Cammie	...	...	Wuhu, Anhwei.
Gregg, Miss Alice H.	...	...	Anking, Anhwei.
Heald, Miss Jeanie V.	...	...	Anking, Anhwei.
Hewey, Miss Clarissa A.	...	...	Kinhwa, Chekiang.
^a Hewitt, Miss Alden	...	...	Anking, Anhwei.
Hutchinson, Rev. Paul	...	...	Shanghai, Kiangsu.
Hutchinson, Mrs. P.	...	...	Shanghai, Kiangsu.
Illick, Mr. J. Theron	...	...	Nanchang, Kiangsu.
Illick, Mrs. J. T.	...	...	Nanchang, Kiangsu.
Kauffman, Rev. D. R.	...	...	Changsha, Hunan.
Kauffman, Mrs. D. R.	...	...	Changsha, Hunan.
Kramer, Mr. William J.	...	...	Nanking, Kiangsu.
Kramer, Mrs. W. J.	...	...	Nanking, Kiangsu.
Krespach, Miss Olive	...	...	Nanking, Kiangsu.
Kulp, Mrs. D. H.	...	...	Shanghai, Kiangsu.
^s Lancaster, Rev. L. H.	...	...	Hsuchowfu, Kiangsu.
Libby, Dr. Walter E.	...	...	Wuhu, Anhwei.
McClure, Rev. Robert W.	...	...	Shaowu, Fukien.

(a) Autumn, 1916-7.

(s) Spring, 1917.

McClure, Mrs. R. W.	...	Shaowu, Fukien.
McIntosh, Miss Maud	...	Chukihsien, Chekiang.
McIntosh, Miss Ruby	...	Chukihsien, Chekiang.
Magness, Miss Bertha E.	...	Changsha, Hunan.
^a Montgomery, Miss Linda G.	...	Ningpo, Chekiang.
^a Morton, Mrs. Elizabeth M.	...	Nanking, Kiangsu.
Perkins, Mrs. E. C.	...	Nanking, Kiangsu.
Reeder, Rev. Charles V.	...	Weihsien, Shantung.
Reimer, Miss Minnie F.	...	Hunan.
Renninger, Miss Anna M.	...	Shenchowfu, Hunan.
^a Rhoda, Miss Ethel G.	...	Hangchow, Chekiang.
Riechers, Miss Bertha L.	...	Wuhu, Anhwei.
Riggs, Mr. Charles H.	...	Shaowu, Fukien.
Riggs, Mrs. C. H.	...	Shaowu, Fukien.
^s Ritter, Rev. H. C.	...	Nanking, Kiangsu.
^s Ritter, Mrs. H. C.	...	Nanking, Kiangsu.
Rivenburg, Miss Narola E.	...	Nanking, Kiangsu.
Rogers, Rev. Jesse M.	...	Shanghai, Kiangsu.
Ruland, Rev. Floyd S.	...	Ichowfu, Shantung.
Schuerman, Miss Clara E.	...	Shenchowfu, Hunan.
Shryock, Rev. John Knight	...	Anking, Anhwei.
Smith, Mr. Harold V.	...	Changsha, Hunan.
Smith, Mrs. H. V.	...	Changsha, Hunan.
^a Strother, Rev. Edgar E.	...	Shanghai, Kiangsu.
^a Strother, Mrs. E. E.	...	Shanghai, Kiangsu.
^s Terman, Rev. E. L.	...	Nanchang, Kiangsu.
^s Terman, Mrs. E. L.	...	Nanchang, Kiangsu.
Trethaway, Miss Lucile	...	Nanking, Kiangsu.
Wahl, Rev. Carl B.	...	Shenchowfu, Hunan.
Walmsley, Miss Evelyn M.	...	Nanking, Kiangsu.
Warfield, Miss Marguerite D.	...	Changsha, Hunan.
Williams, Mr. James W.	...	Changsha, Hunan.
Williams, Mrs. J. W.	...	Changsha, Hunan.
Wolf, Miss Martha K.	...	Changsha, Hunan.

Second Year Students, in Residence.

Brittain, Miss Ruth M.	...	Nanking, Kiangsu.
Carnecross, Miss F. M.	...	Nanking, Kiangsu.
Kulp, Mr. D. H., II.	...	Shanghai, Kiangsu.
McCallum, Miss E. B.	...	Nanking, Kiangsu.
Moss, Mr. Leslie B.	...	Nanking, Kiangsu.
Perkins, Dr. E. C.	...	Nanking, Kiangsu.

TOTAL REGISTRATION.*

Spring Semester 1916.

College of Arts	...	...	...	...	53
Medical School	...	...	...	...	32
College of Agriculture and Forestry	...	...	...	...	45
Normal School	...	...	...	...	21
High School	...	...	...	...	153
Middle School	...	...	...	...	121
Practice School	...	...	...	...	46
Language School	...	...	...	...	51
Total number of students	...	...	...	...	522

Autumn Semester 1916-7.

College of Arts	...	...	...	...	62
Medical School	...	...	...	...	26
College of Agriculture and Forestry	...	...	...	...	54
Normal School	...	...	...	...	15
High School	...	...	...	...	149
Middle School	...	...	...	...	107
Practice School	...	...	...	...	29
Language School	...	...	...	...	68
Total number of students	...	...	...	...	510

Spring Semester 1917.

College of Arts	...	...	...	...	72
College of Agriculture and Forestry	...	...	...	...	54
Normal School	...	...	...	...	15
High School	...	...	...	...	148
Middle School	...	...	...	...	133
Practice School	...	...	...	...	34
Language School	...	...	...	...	65
Total number of students	...	...	...	...	521

*The former nomenclature of the departments of the University is here used.

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