

269 4288

UBCHEA ARCHIVES
COLLEGE FILES
RG 11

Soochow
Academy
Course announcements -
College of Arts and Science
1934

ASSOCIATED
BOARDS

file copy -

SOOCHOW UNIVERSITY
BULLETIN

Founded 1900

1934

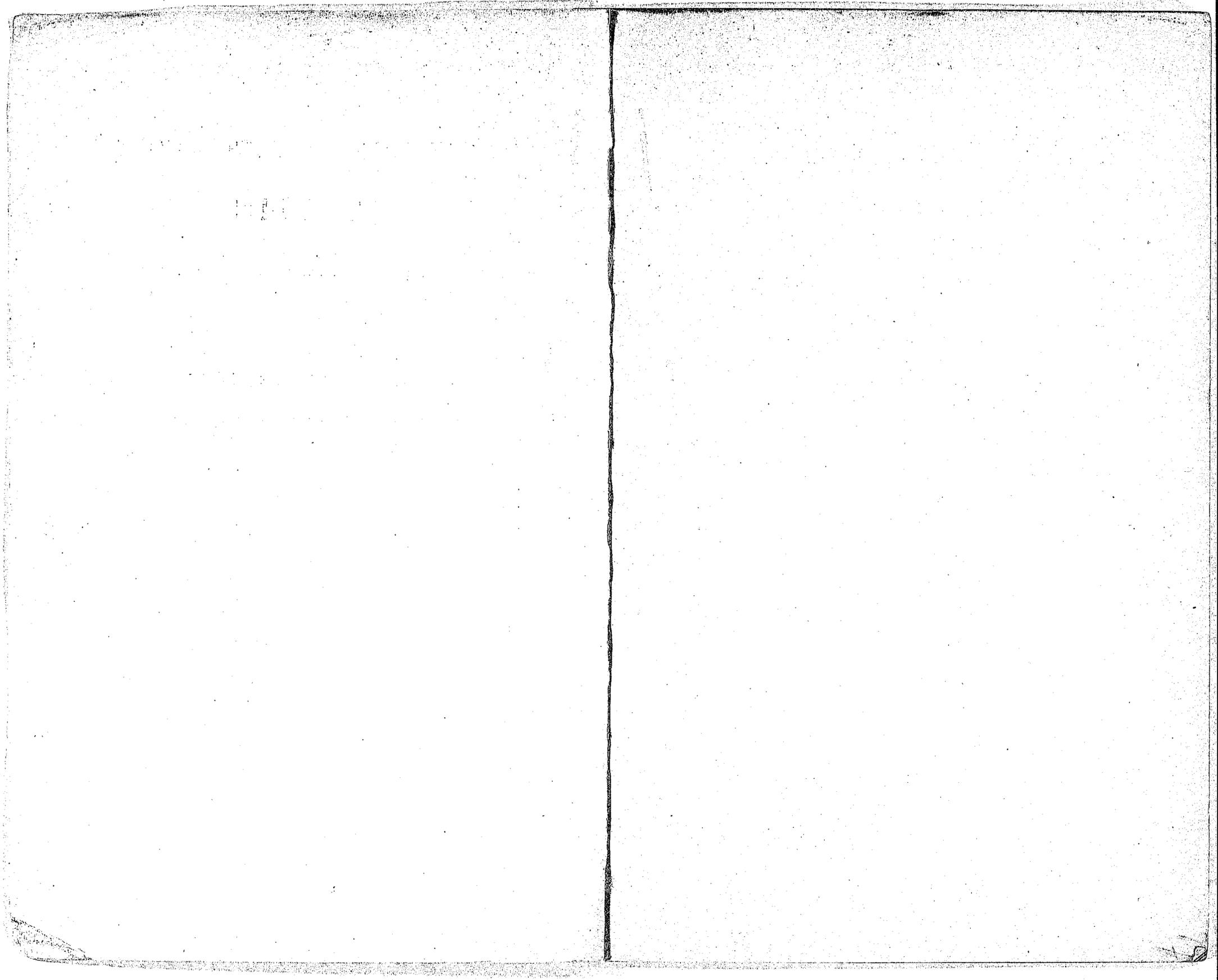
ANNOUNCEMENT OF COURSES
COLLEGE OF ARTS AND SCIENCES



SOOCHOW, CHINA

Catalogue Vol. XXXIV

No. 1



SOOCHOW UNIVERSITY

BULLETIN

ANNOUNCEMENT OF COURSES

COLLEGE OF ARTS AND SCIENCES



SOOCHOW, CHINA

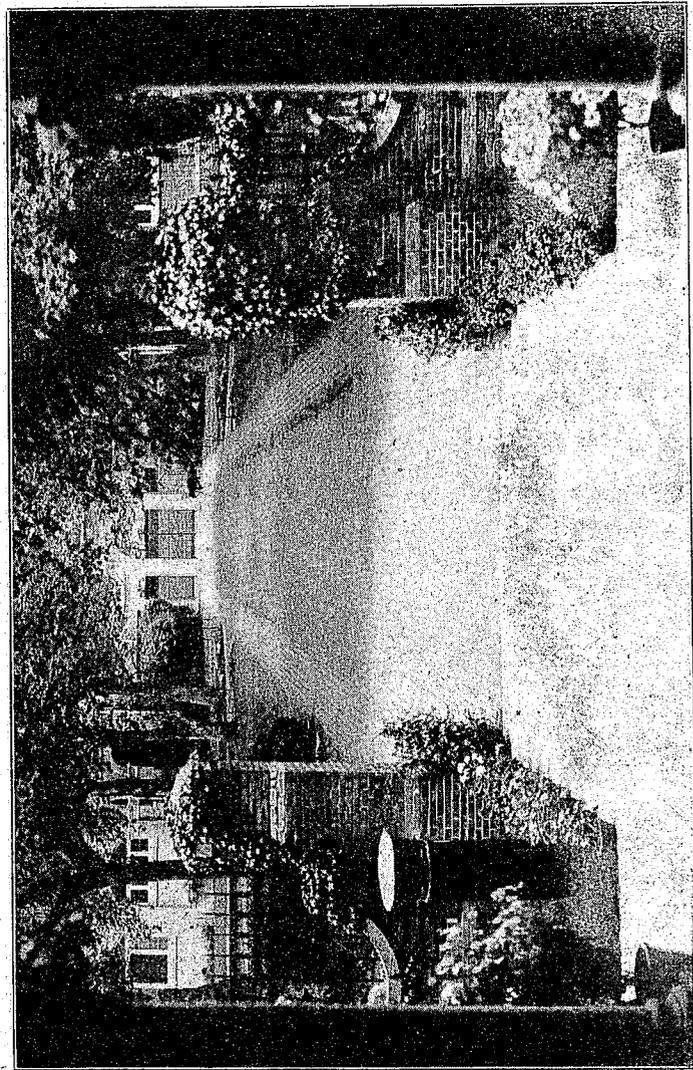
Catalogue Vol. XXXIV, English Edition

No. 1

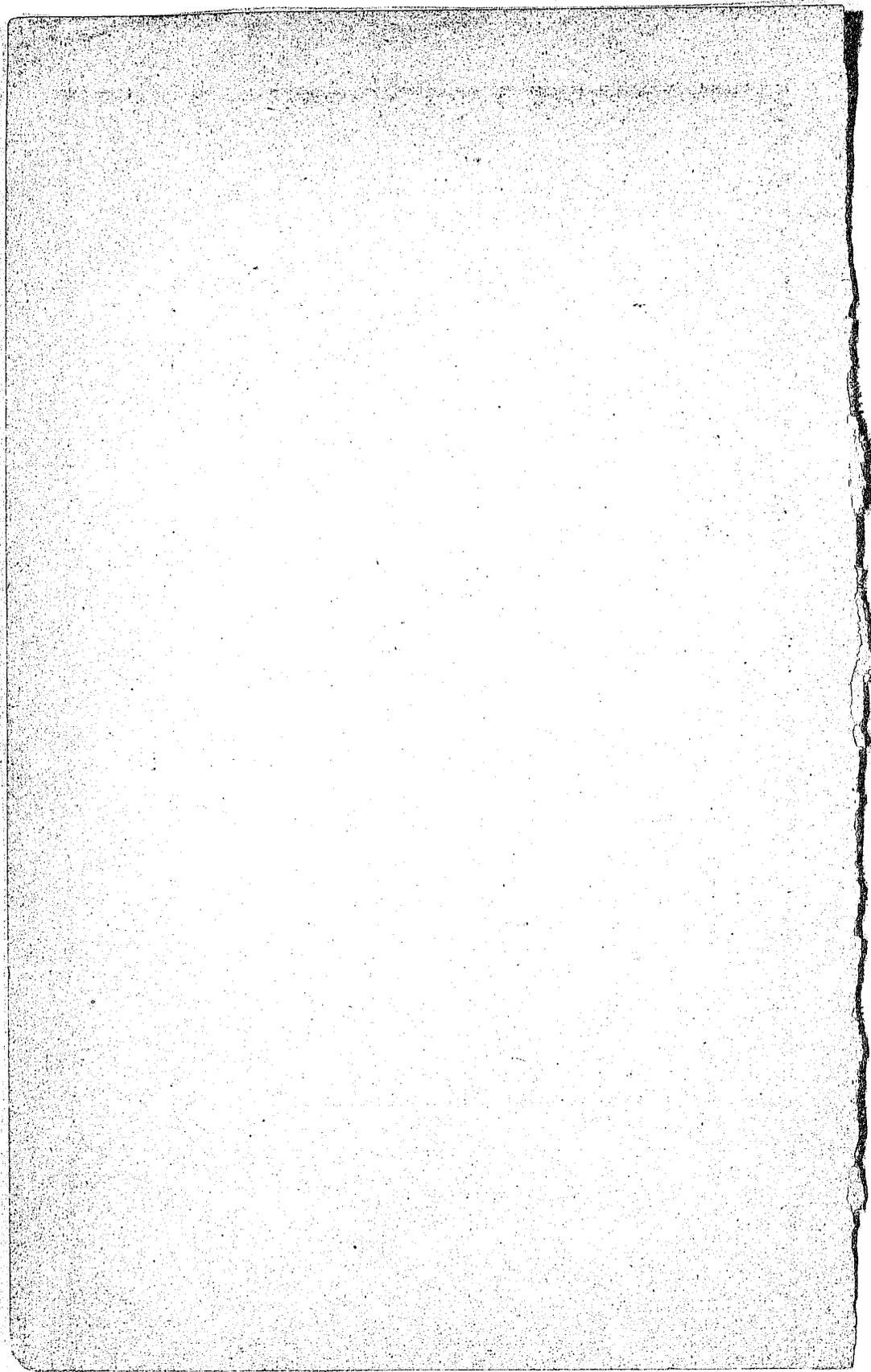
CONTENTS

	PAGE
Ground Plan of Soochow University... ..	I
Administrators of Soochow University... ..	1
Corporation - Board of Trustees	2
Administration	4
Faculty	6
Historical Sketch	13
Educational Policies	16
Soochow University System	18
Scholarships and Loans	19
Memorial Funds	19
Fees and Expenses	22
Grades and Examinations	25
Credit and Degrees	26
Courses of Study - General	27
Requirements for Graduation	30
The Plan of Majors and Minors	33
Courses of Study-Detailed	36
The Bachelor of Arts Course	36
The Bachelor of Science Course	38
The Pre-Medical Course	41
The Pre-Nursing Course... ..	44
The Law Course	46
Description of Courses	48
Biology (Botany, Zoology)	48
Chemistry	58
Chinese Literature... ..	67
Economics	72
Education	75
English	79
German	83

	PAGE
History	84
Household Arts	89
Japanese	90
Law	91
Mathematics and Applied Arts	95
Military Training	97
Philosophy	98
Physical Education	102
Physics	107
Political Science	113
Religion	118
Sociology	121
Summary of Courses	125

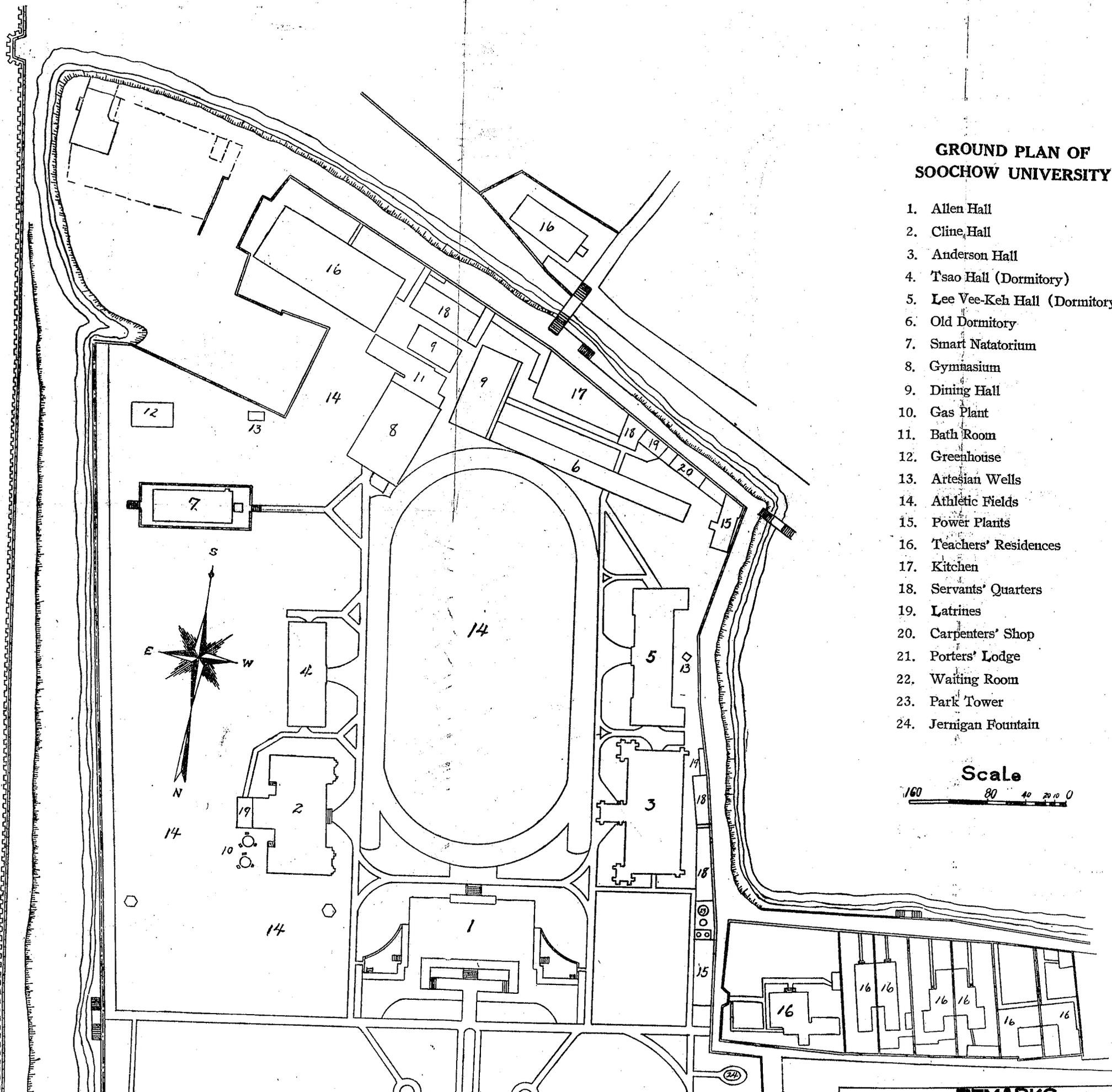
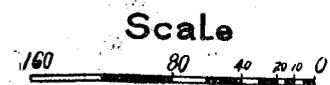


The Main Entrance



GROUND PLAN OF SOOCHOW UNIVERSITY

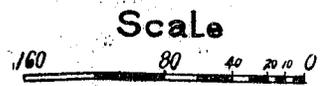
1. Allen Hall
2. Cline Hall
3. Anderson Hall
4. Tsao Hall (Dormitory)
5. Lee Vee-Keh Hall (Dormitory)
6. Old Dormitory
7. Smart Natatorium
8. Gymnasium
9. Dining Hall
10. Gas Plant
11. Bath Room
12. Greenhouse
13. Artesian Wells
14. Athletic Fields
15. Power Plants
16. Teachers' Residences
17. Kitchen
18. Servants' Quarters
19. Latrines
20. Carpenters' Shop
21. Porters' Lodge
22. Waiting Room
23. Park Tower
24. Jernigan Fountain



REMARKS

GROUND PLAN OF SOOCHOW UNIVERSITY

1. Allen Hall
2. Cline Hall
3. Anderson Hall
4. Tsao Hall (Dormitory)
5. Lee Vee-Keh Hall (Dormitory)
6. Old Dormitory
7. Smart Natatorium
8. Gymnasium
9. Dining Hall
10. Gas Plant
11. Bath Room
12. Greenhouse
13. Artesian Wells
14. Athletic Fields
15. Power Plants
16. Teachers' Residences
17. Kitchen
18. Servants' Quarters
19. Latrines
20. Carpenters' Shop
21. Porters' Lodge
22. Waiting Room
23. Park Tower
24. Jernigan Fountain



REMARKS

	= City Wall		= Canal Bank
	= Campus Wall		= Fences
	= Stone Steps		= Canal

**ADMINISTRATORS OF SOOCHOW
UNIVERSITY**

AND ITS ANTECEDENT SCHOOLS

(See *Historical Sketch*, P. 13)

TSUN YANG SCHOOL, 1871-1884.

TSAO TZ-ZEH, *Principal*, 1871-1884.

(*Note*:—The name, Tsun Yang, was not applied until 1879.

This school was enlarged, and became Buffington Institute).

BUFFINGTON INSTITUTE, 1884-1899.

A. P. PARKER, D.D., *Principal*, 1884-1895.

T. A. HEARN, B.A., B.D., *Principal*, 1895-1898.

W. B. NANCE, B.A., *Principal*, 1898-1899.

(*Note*:—In 1899, this school was merged into Anglo-Chinese College).

ANGLO-CHINESE COLLEGE, 1882-1911.

Y. J. ALLEN, B.A., D.D., *President*, 1882-1895.

A. P. PARKER, D.D., *President*, 1895-1905.

Jno. W. CLINE, B.A., D.D., *President*, 1905-1911.

(*Note*:—This school was united with Soochow University, 1911).

KUNG HONG SCHOOL, 1896-1900.

D. L. ANDERSON, D.D., *Principal*, 1896-1900.

(*Note*:—This school was developed into Soochow University, 1900).

SOOCHOW UNIVERSITY, 1900—(Classes opened, March, 1901).

D. L. ANDERSON, D.D., *President*, 1900-1911.

Jno. W. CLINE, B.A., D.D., *President*, 1911-1922.

W. B. NANCE, B.A., B.D., D.D., *President*, 1922-1927.

J. M. PAN, B.A., B.S., M.S., *Acting President*, 1927.

Y. C. YANG, B.A., M.A., LL.B., LL.D., *President*, since 1927.

CORPORATION

Soochow University was founded by the Board of Missions, M. E. Church, South, and functions under a charter from the State of Tennessee, U. S. A. It is now also registered with the Ministry of Education of the Republic of China. It is under the control of the following.

BOARD OF TRUSTEES.

OFFICERS

Z. T. KAUNG, *President* 江長川

Chairman of the Central Council of the Kan Li Kung Hui and Pastor of St. John's Church, Soochow.

JNO. W. CLINE, *Vice-President* 葛賽恩

Treasurer and Business Manager in China of the Board of Missions, M. E. Church, South, and Former President of Soochow University.

EUGENE E. BARNETT, *English Secretary* 鮑乃德

Executive Secretary of the National Committee of the Y. M. C. A. of China, Shanghai.

T. L. SHEN, *Chinese Secretary* 沈體蘭

Principal of Medhurst Middle School, Shanghai.

T. Y. PEI, *Treasurer* 貝祖諒

General Manager of the Bank of China, Shanghai.

MEMBERS

(arranged alphabetically)

PAUL B. KERN (*Ex-officio*) 甘保羅

Resident Bishop for China.

S. R. ANDERSON 安迪生

Executive Secretary, Central Council of China Conference, M. E. Church, South.

C. S. KAO 高 陽

President of Kiangsu Provincial College of Education.

H. H. KUNG 孔祥熙

Minister of Finance and President of the Central Bank of China.

J. C. HAWK 霍約翰

Presiding Elder of Shanghai District, China Conference, M. E. Church, South.

HERBERT C. T. LEE 李中道

Practicing Lawyer, Shanghai.

LOUISE ROBINSON 殷羅德

Former Principal of Laura Haygood Normal School, Soochow.

Y. S. TSAO 曹雲祥

Former President of Tsing Hua University.

TYNDALE WEI 衛 勃

Director of General Affairs Department, National Government Mint, Shanghai.

Y. K. WOO 胡貽毅

The Raven Trust Company, Shanghai.

K. S. ZHENG 徐可陞

Manager of the Shanghai Fire and Marine Insurance Company, Shanghai.

ADMINISTRATION

1. Administrative Officers:

Y. C. YANG, B.A., M.A., LL.B., LL.D., *President*. 楊永清
W. B. NANCE, B.A., B.D., D.D., *Western Adviser*. 文乃史
J. M. PAN, B.A., B.S., M.S., *Dean of Administration*. 潘慎明
C. H. HSU, B.A., B.S., M.S., *Dean of Instruction*. 徐景韓
J. W. DYSON, B.A., M.A., M.S., *Associate Dean. (on furlough)* 戴森
HELEN CLARK, B.A., B.D., M.A., *Dean of Women*. 葛海倫
E. V. SHEN, B.S., *Examiner*. 慎斐文
C. Y. SHIH, B.S., M.A., *Proctor and Business Manager*. 施季言
ROBERT CHAO, B.S., *Physical Director*. 趙占元

2. Bursar's Office:

D. V. ZIA, B. S. *Bursar*. 謝翠文
Z. P. ZIEN, *Assistant Bursar*. 錢長樸

3. Registrar's Office:

CHARLES S. FENG, B.A., *Registrar*. 馮家聲
C. F. YUI, *Assistant*. 余瓊斐

4. Superintendents of Dormitories:

P. T. SHIH, B.A., *Superintendent of Men's Dormitories*. 石平道
SUN C. WU, *Superintendent of Woman's Dormitories*. 吳孫葵

5. Library Staff:

S. I. PENN, *Librarian*. 潘聖一
WARREN LIU, *Assistant Librarian*. 劉華倫

K. C. PAN, *Assistant*. 潘克勤
S. L. CHIANG, *Assistant*. 蔣西林

6. Medical Staff:

RICHARD CHIANG, M.D., *University Physician*. 蔣育英
B. S. KUAN, *Nurse*. 管培生

7. Alumni Office:

H. F. YIN, B.S., *Alumni Secretary*. 殷新甫
C. Y. LING, B.A., M.A., *Editor of Alumni Magazine*. 凌景璉

8. Office Staff:

Z. M. MO, *English Secretary* 馬謨明
Y. C. CHU, *Chinese Secretary* 朱廷倫
S. W. CHANG, *Chinese Secretary* 張希緒
P. C. CHEN, *Secretary* 陳邦傑
Y. H. KUNG, *Secretary* 龔隱軒
C. Y. CHAO, *Typist*. 趙積延
C. V. CHU, *Chinese Writer*. 朱欽文
T. L. WU, *Chinese Writer*. 吳瑞麟
D. M. SHEN, *Chinese Writer*. 沈達明

FACULTY

(Arranged Alphabetically)

- Y. C. YANG 楊永清
B. A., Soochow University; University of Wisconsin;
Graduate of Tsing Hua University, Peiping;
M. A., LL.B., George Washington University;
LL.D., Southern College, Florida.
Jurisprudence.
- D. L. BAO 包志立
B. A., Ginling College;
M. A., Ph.D., University of Michigan.
Psychology and Education.
- F. L. CHANG 章賦瀾
B. A., Imperial University of Japan, Tokyo.
LL.B., Chuo University, Tokyo, Japan.
History.
- H. T. CHANG 張和琴
B. S., Soochow University;
M. S., Ph.D., Cornell University.
Botany.
- M. B. CHANG 張夢白
B. A., Soochow University.
Political Science and Law.
- Y. T. CHANG 張雲博
LL.B., Law College, Tokyo, Japan.
Law.
- C. CHAO 趙震
B. A., St. John's University.
Philosophy.
- ROBERT Y. CHAO 趙占元
B. S., University of Michigan.
Physical Education.
- C. Y. CHEN 陳志榮
Graduate, Tung Chi University.
German.
- H. C. CHEN 陳海澄
B. A., Soochow University.
English and Education.

M. S. CHEN 陳名燮
B. S., Soochow University.
Biology.

JOHN CHU 朱約翰
B. A., Soochow University;
M. A., Ph.D., Vanderbilt University;
Graduate Student, George Peabody College for Teachers,
University of Chicago.
Sociology.

HELEN CLARK 葛海倫
B. A., Randolph Macon Woman's College;
B. D., M. A., Duke University.
Sociology.

J. W. DYSON 戴 茲
B. A., M. A., Central College;
M. S., University of Chicago; Harvard University.
Botany. (on leave)

CHAS. S. FENG 馮家聲
B. A., University of Shanghai.
Physical Education.

F. C. FERGUSON 富德生
B. A., M. A., Vanderbilt University; University of Chicago.
English.

K. Y. HSIEH 薛瀟英
Siu Tsai.
Chinese Literature.

C. H. HSU 徐景韓
B. A., B. S., Soochow University;
M. S., University of Chicago.
Physics.

Y. C. HSU 徐蔭麒
B. S., Soochow University;

- M. S., Yenching University;
Ph. D., Cornell University.
Biology.
- H. W. HUANG 黄煥文
B. A., Chinan University;
M. A., Yenching University.
Chinese Literature.
- J. V. HUANG 黄近文
Military Training.
- T. Y. HUANG 黄廷英
B. A., Soochow University;
M. A., University of Illinois;
Ph. D., John Hopkin's University.
Political Science.
- Y. K. HUANG 黄友葵
B. A., Woman's College of Alabama.
Fine Arts and Music.
- Y. T. KU 顧翼東
B. S., Soochow University;
M. S., University of Chicago.
Chemistry. (on leave)
- S. KAH 葛興
B. S., Hangchow Christian College.
Physics.
- Y. H. KUNG 龔隱軒
Chinese
- C. K. LEE 李家光
B. S., Tsing Hua University;
M. S., Ph. D., University of Brussels
Chemistry.
- LUTHER LEE 李路德
Religious Education.

- W. L. LI 李惠林
B. S., Soochow University;
M. S., Yenching University.
Biology.
- C. H. LI 李慶賢
B. S., Soochow University;
M. S., Ph. D. University of Illinois.
Physics.
- C. S. LI 李琮池
B. S., Soochow University.
Biology.
- PEI YU LI 李培圃
B. A., Fukien Christian College;
M. A., B. D., Pacific School of Religion, California;
Ed. D., University of Southern California.
Education.
- C. Y. LING 凌景堃
B. A., Soochow University;
M. A., Yenching University.
Chinese Literature.
- C. C. LIU 劉承釗
B. S., Yenching University;
M. S., Yenching University;
Ph. D., Cornell University.
Vertebrate Zoology.
- H. Y. LOH 陸鴻鈺
B. S., Soochow University.
Physics.
- A. LUSINGER 羅心權
B. A., University of Iowa.
English.
- C. N. MIAO 繆鐘彥
B. S., Soochow University;

- M. S., University of Michigan.
Chemistry.
- W. B. NANCE 文乃史
B. A., B. D., Vanderbilt University; University of Chicago;
Union Theological Seminary;
D. D., Southern Methodist University.
Philosophy.
- J. C. PENN 潘健卿
B. A., University of Nanking;
M. A., Columbia University;
LL. B., Cumberland University.
Law.
- J. M. PAN 潘慎明
B. A., B. S., Soochow University;
M. S., University of Chicago.
Chemistry.
- L. PANG 龐龍
B. A., Soochow University.
Political Science.
- C. L. SHEN 沈青來
B. S., Soochow University.
Mathematics. (on leave)
- F. V. SHEN 慎斐文
B. S., Soochow University.
Mathematics.
- T. M. SHEN 沈祖懋
B. A., Soochow University.
Political Science.
- Y. F. SHENG 盛震飛
LL. B., Imperial University of Tokyo, Japan.
(Formerly, Complier of Criminal Law, The Cabinet Office,
Peking).
Law.

- Y. P. SUN 孫蘊環
B. A., B. S., Soochow University.
Mathematics and Education.
- C. C. TAN 談家楨
B. S., Soochow University;
M. S., Yenning University.
Biology.
- C. TAI 戴長
B. S., Soochow University.
Physics. (on leave)
- L. J. TUTTLE 德麗霞
B. S., Teachers' College;
M. A., Columbia University.
History.
- Y. C. VAN 范煙楠
Chinese Literature.
- S. Y. WAN 萬世永
B. S. Soochow University.
Physics.
- B. T. WANG 王佩諱
B. A. Soochow University.
Chinese Literature.
- Z. C. WANG 王士洲
LL. B., Soochow University Law School (Formerly, Justice
of Supreme Court, Peking).
Law.
- P. T. WHANG 汪葆濬
B. S., Soochow University;
M. S., Yenning University.
Chemistry.
- ROLFE WHITLOW 費德樂
B. A., Galloway College; University of Southern California,
University of Iowa, University of Chicago.
English.

M. O. WILLIAMS 魏廉士
B. S., Virginia Polytechnic Institute;
M. A., Vanderbilt University.
Religious Education and Sociology.

H. S. WU 吳獻書
B. A., Soochow University.
English.

T. F. WU 吳芷芳
B. A., Soochow University;
M. A., Vanderbilt University.
Political Science.

T. S. YAO 姚纘心
B. A., Soochow University;
M. A., Vanderbilt University; Columbia University.
Economics and History.

C. Y. YEN 嚴志駭
B. S., Soochow University.
Chemistry.

T. S. YUI 尤敦信
B. S., Soochow University;
M. A., Ohio University.
Sociology.

T. P. ZIEH 錢天鵬
B. S., Chiao Tung University, Tangshan.
Physics.

J. Z. LOH 陸近仁
B. S., Soochow University
Biology. (on leave)

T. C. PAO 包鼎成
B. S. Soochow University
Biology.

M. Y. HU 胡夢玉
B. S., Yenching University
Biology.

HISTORICAL SKETCH

Charles Taylor, first missionary of the Methodist Episcopal Church, South, in China, opened two small schools in Shanghai in 1849. Schools have had a recognized and conspicuous place in the work of the mission ever since. Soochow University is the system that has resulted from a definite plan to conserve, correlate, and develop the educational work begun in earlier schools. Three of the latter call for special mention.

1. *Buffington Institute.* In 1871 Rev. Tsao Ts-Zeh (曹子實先生) opened a school for boys on Zeh Zien Ka, Soochow. In 1876 he was joined by A. P. Parker, newly arrived from America, and the school began to take boarders. In 1879 it was moved to Tien Sz Tsang and named Tsun Yang Shu Yuan (存養書院). In 1884 the plant was enlarged and the name was changed to Buffington Institute (博習書院) in honor of the principal benefactor. Dr. Parker devoted nearly twenty years to this school, giving to boys from humble homes an education in their own language which emphasized mathematics and the natural sciences and grounded them in Christian truth. Most of the graduates entered the ministry and other forms of Christian service.

2. *The Anglo-Chinese College.* Shanghai, was founded by Young J. Allen in 1882 to furnish modern liberal education. At that time, however, there was little appreciation of such an education, and so for fifteen years the main function of this school was teaching the English language to those who desired it for its economic value. Many of its students attained to places of influence in the customs, the telegraph and postal services, and in business.

3. *The Kung Hong School,* Soochow, was opened by D. L. Anderson in March 1896 in response to the demand for western learning that arose in consequence of the China-Japan war of 1894-95. The rapid growth of this school and the new type of student it at-

tracted indicated that the time had come when the dreams of Dr. Allen might be realized; the day of the modern Christian College was about to dawn.

So in the winter of 1898-99, in order to make way for the new development at Soochow, Buffington Institute was moved to Shanghai and merged into the Anglo-Chinese College, whither Dr. Parker had been transferred three years before. A year later the Mission voted definitely to develop Kung Hong School into a college at Tien Sz Tsang and to correlate with it all the other schools of the mission. In May, 1900, the Board of Missions gave formal approval, secured a charter from the State of Tennessee, and elected the Board of Trustees of Soochow University.

The following winter the Board of Trustees was organized and D. L. Anderson was elected President. Class work was started in March 1901. Meanwhile, with the approval of provincial and local officials, additional land was bought and enclosed. Most of the money for this purpose was secured by Dr. W. H. Park from leading citizens of Soochow, Nanking, Shanghai, Wusih and Changshu. In December 1901 work was started on the first college building, afterwards named Allen Hall.

Dr. Anderson gave ten strenuous years to the development of the college at Soochow. When he passed away in March 1911, the second large building was under construction. It was named Anderson Hall by the donors, Court St. Church, Lynchburg, Va., U. S. A. During those ten years the dining hall and dormitories, deep well and water tower, and nine residences had been added to the Soochow plant, and the beginning had been made of the development of the endowment property in Shanghai. Five classes had been graduated. The College and Middle School had been clearly differentiated, and the emphasis on the natural sciences, which characterizes the College of Arts and Sciences, had been begun by the work of N. Gist Gee.

Meanwhile Dr. A. P. Parker had retired from the presidency of Anglo-Chinese College (1905) and been succeeded by Dr. Jno. W. Cline, who strove to adapt that institution to the new times. The lack of resources in men and money, however, had made it clear for

several years that a union of the two colleges was imperative. This was effected in 1911 by the election of Dr. Cline to succeed Dr. Anderson, and the transfer of staff and students to Soochow. Thus Buffington Institute was conserved in the Anglo-Chinese College and both in Soochow University. Ex-students of both institutions became members of the Alumni Association of Soochow University.

The eleven years of Dr. Cline's presidency saw a great expansion in plant and equipment, in staff, in student enrollment, and in the courses offered. There was further development of the productive endowment. The Law School was opened in 1915. The primary schools were linked up with the three middle schools (at Soochow, Shanghai and Huchow) and the latter with the college. A Bible School was opened at Sungkiang, and theological training was provided for at the Nanking Seminary, in which the mission is a co-operating unit.

In 1922 Dr. Cline tendered his resignation as President of Soochow University and was succeeded by W. B. Nance. Among the more noteworthy achievements of this period may be mentioned the reorganization of the Board of Trustees and of the administration of the College of Arts and Sciences and First Middle School (1922), the opening of the Wusih Technical School (1922), the provision of a separate plant for the Law School (1923), the expansion and thorough organization of the Library (1922-25), the erection and thorough equipping of Cline Hall (1922-24), so as to furnish complete laboratory facilities for science teaching, the establishing of the Biological Supply Service (1924-25), the enlargement of the power plant (1923), and the strengthening of the department of Physical Education with the co-operation of the National Committee of the Y. M. C. A.

In the spring of 1927, changing circumstances made it clear that the process initiated several years before to put the University under Chinese administration should at once be carried into effect. In order to secure definite and expeditious action, Dr. Nance tendered his resignation and, pending the election of a Chinese president, turned over the administration to the Dean, Mr. J. M. Pan, who as acting

president, successfully carried on the work under the most trying and difficult circumstances for the greater part of a year. Mr. Y. C. Yang, the first Chinese president, assumed office on December 2, 1927, thus opening up a new chapter in the history of Christian education in China.

More recent changes include the provision of dormitory facilities for girl students, the construction of two new dormitories for men, the construction of the Smart Natatorium, the re-opening of the School of Physical Education, the addition of courses in the Japanese language and in Western music, as well as the extension of courses in mathematics. The Wusih Technical School, which had been suspended since 1926, was turned over to the National Government for a consideration, to be used as a part of the Central University for the development of mass education and the training of agricultural and industrial workers.

Plans already launched for the further development of the institution include the raising of funds for the erection of the Smart Memorial Gymnasium. Among other needs which should be met at the earliest possible time are the improvement of the Law School plant in Shanghai and the construction of a social-religious hall, and a new library at the College of Arts and Sciences in Soochow.

The new administration invites the co-operation of all who are interested in the cause of Christian education in China, and proposes, in accordance with the original purpose of the founders, to strive for the development of the highest type of character and the building up of a most up-to-date and efficient institution of higher learning.

EDUCATIONAL POLICIES

a. Religious Work

The educational policy of the University has ever sought to realize its motto, "Unto a Fullgrown Man." To this end the program provides for the cultivation of ethical and spiritual values, along with the physical and intellectual.

The college, therefore, has a definite program of Christian work, arranged upon an entirely voluntary basis.

This program is planned by the Committee on Religious Activities, under the leadership of the Director of Religious Work, and is carried out with the assistance of co-operating members of the staff. This work comprises such activities as Chapel services, twice each week, for the student body and staff, prayer meetings, Christian Fellowship meetings and groups, advisory relations with the Student Christian Fellowship and other types of personal and informal contacts.

The St. John's Methodist Church, located in the community, conducts regular Sunday School and Preaching Services throughout the year, in which all members of the school are cordially invited to participate.

The courses in Religion are open as electives to all students interested in such subjects.

b. Co-education

Since the fall of 1920, the college has received woman students. At first, they were all day pupils, and were admitted only for study in special courses. Later, they took the entrance examinations, and were admitted as regular students. A similar situation has existed at the Law School in Shanghai. No encouragement of numbers was ever possible in the past, however, since there were no adequate housing and administrative facilities.

Beginning with the fall of 1928, definite provision was made for woman students in the college, by the setting aside of a dormitory, and the appointment of a resident Dean of Women, supplied through the co-operation of the Department of Woman's Work of the Board of Missions. The Department of Woman's Work, for many years, has been engaged in primary and secondary education independently, and in higher education for women by co-operation in Ginling College. Their decision to share with the University through the College of Arts and Sciences in the task of co-education, will make possible the unrestricted opening of the facilities of this institution to young women.

SOOCHOW UNIVERSITY SYSTEM

The schools under the control of the Board of Trustees are the following:—

1. The College of Arts and Sciences, Soochow.
2. Soochow University Law School (Comparative Law School of China), 146 Quinsan Road, Shanghai.
3. Soochow University Soochow Middle School, Soochow.
4. Soochow University Huchow Middle School, Huchow.

All these schools issue their own bulletins which may be obtained by writing to the addresses given above.

SCHOLARSHIPS AND LOANS

1. Three honors scholarships are offered annually to Soochow University Soochow Middle School. The beneficiaries are the graduates of the preceding year who made the first three highest grades during that year.
 - a. The first \$100.00
 - b. The second 50.00
 - c. The third 50.00

2. An honor scholarship covering the tuition fee (\$100.00) is offered annually to Soochow University Huchow Middle School. The beneficiary is nominated by the Principal.

In order to retain an honor scholarship from year to year the student must maintain a weighted average grade of 2-5 or better.

3. The Shanghai Commercial and Savings Bank Scholarship.

An honor scholarship of \$100.00 is offered annually to the senior student majoring in Economics who has made the highest record during the preceding two years.

4. Free tuition is given to the sons of preachers in full connection in the China Conference, M. E. Church, South and to sons of professors in the College.
5. Candidates for the Christian Ministry, and other students who are needy and deserving, may receive loans from a limited fund. The terms may be learned from the President.

MEMORIAL FUNDS

1. The Smart Memorial Fund.

The mother of the late Professor R. D. Smart, established a fund which produces \$50.00 a year, U. S. currency "to keep his name alive in the institution to which he gave his life."

2. The Li Keh Ming Memorial Loan Fund.

This fund was raised jointly by the faculty and students of Soochow University and the staff and students of Peiping Union Medical College in memory of Mr. Li Keh Ming, who graduated from Soochow University in 1917 and died April 19, 1922, in the third year of his medical course at Peiping Union Medical College. Mr. Li was an excellent student and a man of high character and great promise, respected and loved by all who knew him.

The fund provides a loan of \$250.00 a year for a promising student unable otherwise to finance his course in Peiping Union Medical College. Appointments are made alternately from students of Soochow University and other recognized colleges who, having completed a premedical course, are eligible for entrance to Peiping Union Medical College. A detailed statement may be obtained from Soochow University or Peiping Union Medical College.

3. The Yang Memorial Loan Fund.

As a tribute to the memory of his father, and in celebration of the seventieth birthday of his mother, Mr. Yang Pao Ling has given \$4,000.00 to establish a Loan Fund "so that needy, ambitious fathers may find their burdens lightened in the education of their children". The first loan was made in September 1925. Further details may be obtained from the President.

4. The Yu-ling Memorial Chemistry Loan Fund.

In memory of his beloved son, the father of the late Mr. Chang Yu-ling appropriated \$4,000.00 to establish a loan fund so that worthy students of the Chemistry Department of Soochow University may receive needed help. Mr. Chang, who graduated from St. John's University, Shanghai, and received his master's degree in Chemistry abroad in one of the American Universities, became an experienced manufacturing chemist after

his return, and in the height of his successful business career, died Dec. 23, 1926, aged 27.

The fund provides loans of \$100.00 each for four Chemistry students, totalling \$400.00 in one year. The scholarship may be renewed for not more than three years. Applicants must have good moral character, be in real need of financial aid, and actually engaged in the study of Chemistry. Further information may be had from the President.

5. The Hsu-Wong Tsou-shou Scholarship.

This scholarship, is given by Dean C. H. Hsu annually in memory of his deceased wife to help worthy students needing financial assistance. The annual value of the scholarship is \$100.00 Mex.

6. The Adicks Scholarship Fund.

This is a bequest of One Thousand Dollars, U. S. currency, left by Mrs. Annie C. Adicks, of Huntsville, Texas, and given through the Board of Trustees of the Huntsville Methodist Church as an endowment for a Scholarship in Soochow University.

The money is held on fixed deposit to create a scholarship to take care of the tuition, board, lodging and incidentals of a worthy student to be selected by the President, or duly authorized representative of Soochow University.

7. The Lee Vee-keh Fund for the Promotion of Science.

The late Lee Vee-keh left property worth about \$54,000, the proceeds of which were invested in a dormitory building on the campus bearing the name of the donor. From the rental collected, the sum of \$5,000 will be set aside each year, which, after first meeting some outstanding obligations, will be used partly to

create a sinking fund, and partly for fellowships and equipment for the promotion of Science instruction and research. The gas plant in connection with the laboratories was built with this fund.

3. The Chang Er-shin Chemistry Scholarship Fund.

In memory of the late Mr. Chang Er-shin, who graduated from Soochow University in 1923, a fund of \$1,000 was raised by his friends and relatives to establish a scholarship fund to assist worthy students who are interested in Chemistry. This fund is held on fixed deposit to create an annual scholarship of \$100 (\$50 a term). The scholarship is awarded to the chemistry student who has made the highest grade in all chemistry courses for three consecutive years. Further information may be obtained from the President.

FEES AND EXPENSES

1. *General*

	Per Term
Tuition... ..	\$50.00
Board	33.00
(Noon meal for day students)	15.00
Room (including water and light) \$12.00 or \$18.00 or	24.00
Incidentals	12.00
Athletics	4.00
Medical	1.00
Library	6.00
Deposit	5.00 (per year)
Publications... ..	2.00(per year)

2. *Laboratory and Deposits*

Chemistry lab. fee	\$10.00*
Chemistry lab. deposit:	
a. 101, 102, 204	3.00
b. Other courses	5.00

Physics lab. fee 5.00*

Botany lab. fee:

- a. 421 10.00
- b. Other courses 5.00

Zoology lab. fee:

- a. 311, 423 10.00
- b. Other courses 5.00*

Biology lab. fee:

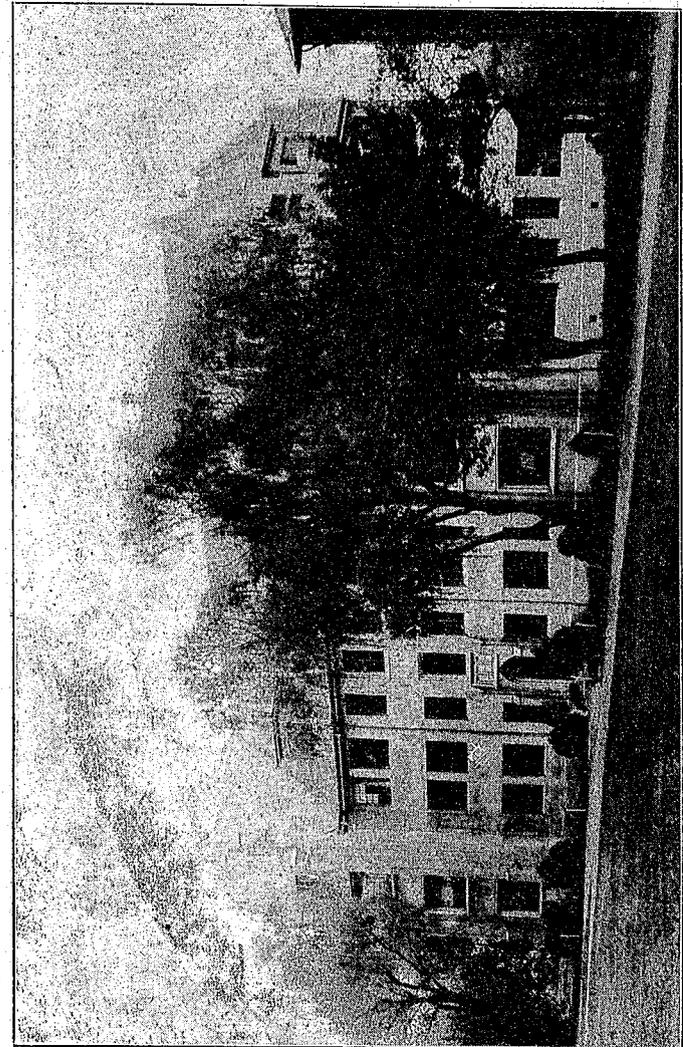
- a. 329 10.00
- b. Other courses 5.00*

*Note: In special cases, where laboratory work is not done, the fee is remitted.

3. *Special*

- a. A fine of one dollar a day is charged for delay in registration.
- b. The graduation fee (\$10.00) is payable at the time of registration at the beginning of the term in which the student finishes the course of study.
- c. Special students will pay tuition at the rate of \$3.00 per term credit hour and all the other fees as regular students. But if they are day students and take less than 12 credit hours, they will pay only half of the fees for Incidentals and Athletics.
- d. Graduate students who are not assistants, pay the same general and special fees as undergraduates, but those who are assistants pay tuition of \$25.00 only per term. If their credit hours are less than six they will pay for tuition according to the rate for special students. The graduation fee (\$10.00) should be paid in to the Bursar's Office a month before the student finishes the course of study. The laboratory fees and laboratory deposits will depend upon the amount of work taken.

- e. No fees are to be returned to a student who drops out for any reason after registration except the unused remainder of his board.
- f. New students are required to pay the sum of \$10.00 for the Construction fees. (This fee is payable in two terms). In addition, they pay the sum of \$27.00 for the following equipment:
 - (1) Uniform for Military Training (Spring) \$ 8.00
 - (2) Uniform for Military Training (Winter) 13.70
 - (3) Athletic Suit 5.30
- g. Students must furnish their own shoes which must be of black leather with rubber soles.



Cline Hall

GRADES AND EXAMINATIONS

- a. There are two minor grades and one final grade for each term in each course. The standing of students is reported in the following ranks: 1, 2, 3, 4, 5, and 6; 4 being passing, 5 a condition, and 6 a failure. In addition to these, the work of the student may be reported as "Inc." or "W." A grade of "Inc." is given when a student has done work which is clearly of passing grade, but has been unable, for good reason, to take the final examination, or to complete all the required work. A grade of "W" will be given to students who withdraw from courses within two weeks after the opening of the term, if making passing grades, but 6 will be reported by the teacher, if he is failing to make passing grades at the time of withdrawal.
- b. Regular examinations are held at the end of each term based upon the work of the term, except that at the discretion of the teacher, and with the approval of the Dean, a term paper may be substituted for the final examination in any junior or senior course.
- c. Seniors in their last term before graduation may be exempted from the final examination in any subject in which they make an average of 2 or better for the term.
- d. A student who is unavoidably absent from an examination and who presents evidence that his absence was unavoidable and whose case is approved by the Dean, is permitted to take the regular conditional examination, subject to the rules for such examination, except that in such a case the examination is called

a deferred examination and the method of calculating the term grade is that of a regular final examination.

- e. A student making 5 on a course is allowed one removal examination. A condition may be removed, however, only at the regular time for such examinations at the opening of each term; furthermore, a condition becomes a failure unless it is removed at the beginning of the first or second term following that in which it was incurred. An examination to remove a condition will be given only upon written application by the student at least three days before condition examinations begin, to the committee in charge of such examinations.

CREDIT

- a. Credit for courses is recorded by terms in all cases; but a course which is continuous through two terms will be regarded as one course and will not be counted toward graduation unless the work for both terms is completed.
- b. Unless a regular student passes in at least one-half of his work, he will, in general, be dropped regardless of the fact that he may have dropped one or two courses during the term.

DEGREES

No student who has been in residence less than two years will be granted a degree.

With the exception of students finishing their last years in a professional school, no student who does not spend his last year in residence in the University will be granted a degree.

COURSES OF STUDY—GENERAL

The College of Arts and Sciences of Soochow University offers undergraduate courses leading to certificates and bachelor's degrees; and graduate courses in two of the sciences leading to the Master's degree.

These courses are as follows:

I. The Four-Year Undergraduate Courses.

Upon the satisfactory completion of one of these courses, the degree of Bachelor of Arts or Bachelor of Science will be conferred.

These courses are arranged to meet the needs of groups of students, as follows:

a. Bachelor of Arts.

1. For prospective teachers of arts subjects, particularly in the middle schools.
2. For students whose future pursuits require a liberal arts foundation.

b. Bachelor of Science.

1. For prospective teachers of mathematics and the sciences in the middle schools, and for laboratory assistants in the colleges.
2. For students planning further specialization in science.

The courses for the above degrees are to be pursued and completed in Soochow, the usual allowances being made for transfers from other recognized standard colleges.

II. The Pre-Professional Courses.

Preliminary or entrance requirement course, admitting students into specialized and technical colleges.

a. Pre-Medical Course.

After completion of the above three-year course here, a student may transfer to a medical school of recognized standing

and substitute the first year of professional study there for the remaining unfinished fourth year of his college course. If this work is completed satisfactorily, so that the weighted average for the three years' pre-medical course is 3.5 or better, and so that the average for the first year medical course is up to the standard which permits the unconditioned promotion to the second year's course, then the student may have conferred upon him by this university at the end of the first year, and upon the recommendation of the dean, the degree of Bachelor of Science. If the weighted average is poorer than 3.5, or if there is some unsatisfactory feature in connection with the first year medical course, then the science degree will be conferred only after the student has earned the professional degree.

In some cases it will become necessary or advisable for those who have planned to transfer at the end of the third year to remain in the College of Arts and Sciences for the Senior year. The usual degrees will be conferred upon the completion of all the regular requirements.

Attention is called to the fact that pre-medical students may transfer to certain medical schools after two years of college work. In these cases, however, they will not be eligible to receive the B.S. degree from Soochow University.

b. Pre-Nursing Course.

In order to meet the needs of girl students, this university offers a two-year pre-nursing course. Students who have finished the course here may transfer to the School of Nursing, Peiping Union Medical College. After they have satisfactorily completed three years' work there, they can receive their B.S. degree from this university and their certificate from the School of Nursing, Peiping Union Medical College. The last term's work may be taken either in Soochow or in Peiping. For further information, please see page 44.

III. The Law Course.

The law course of Soochow University covers a program of five years. The work for the first year is offered in Soochow.

Students may take up their second year work either in Soochow or in Shanghai at the Comparative Law School of China (Soochow University Law School). The last three years' work is offered only in Shanghai. The courses for the first two years are printed on page 46.

IV. The Graduate Courses.

A limited number of graduate students may be admitted from time to time in the departments of Biology and Chemistry as candidates for the degree of Master of Arts.

Complete information can be obtained from the Dean.

Note: A student who has finished two years of the arts course may transfer to the Nanking Theological Seminary for the B.A. in Theology course (three years) on completion of which that degree will be conferred by Soochow University.

5. **The Major and Two Minors** 52 credit hours.

For details, see page 33.

6. **Free Electives** 23-33 credit hours.

In order to allow opportunity to all students for acquaintance with subjects not covered by the majors and minors; and also to allow opportunity where needed for students to do additional work in the field of special interest, beyond the amount provided for by the major and minors, ample provision has been made for free electives during the four years' study.

In cases where students plan to enter graduate school, it will be well to inform the Dean here, as it may be possible to use some of the free electives in meeting graduate entrance requirements.

THE PLAN OF MAJORS AND MINORS

1. Selection of Major and Minors.

At the beginning of the fall term of the Sophomore year, each student shall choose one major and two minor subjects.

2. Definition of the Major and the Minor.

The major subject represents the main interest of the student, a subject in which there will be a concentration of courses, leading, in some cases, to later specialization. The major shall comprise a total of not less than 24 credit hours.

The minor subject represents a related, but subordinate interest, second in importance to the major. The minor shall comprise a total of not less than 14 credit hours.

The large portion of each major and minor is definitely prescribed and these details are indicated under each subject in the section on "Description of Courses."

3. Advisers.

For each subject in which students may major or minor, one of the faculty members is designated as an Adviser, and students will arrange their course of study, at the opening of each term, in consultation with the Advisers concerned.

In all matters of general advice on the course of study, however, in the choice of electives, the determination of extra hours of work, and in the inspection of the student's course for the term, the Dean exercises oversight, and gives final approval before registration.

4. Change of Major and Minors.

Students are permitted to change the major and minors when circumstances justify it, but only upon the advice, and with the consent, of the Dean and the Adviser. Under normal circumstances students should not change the major or minors after the beginning of the Junior year.

In thus changing, all the requirements for the new major or minor must be fulfilled. Attention is called to the fact, also, that Freshman and Sophomore courses are discounted by one half when taken by Juniors and Seniors respectively.

5. List of the Majors and Minors.

ARTS MAJORS:

Economics, History, Literature, Sociology, Political Science.

ARTS MINORS:

Chinese, Economics, Education, English, History, Household Arts, Philosophy, Political Science, Religion, Sociology.

SCIENCE MAJORS:

Biology, Chemistry, Physics.

SCIENCE MINORS:

Biology, Chemistry, Household Arts, Mathematics, Physics.

6. Grouping of Majors and Minors.

Candidates for the degree of Bachelor of Arts shall choose one of the following subjects as a major, with the first and second minors as indicated:—

- a. Economics.
First Minor, Political Science.
Second Minor, History, Sociology, or Education.
- b. History.
First Minor, Political Science, Sociology, or Chinese Literature.
Second Minor, any Arts minor.
- c. Literature.
First Minor, Philosophy, or Religion.
Second Minor, Education, or History.
- d. Political Science.
First Minor, History, or Law.
Second Minor, Economics, History, Law, Sociology, or Education.

- e. Sociology.
First Minor, Economics, or Political Science.
Second Minor, Education, History, Philosophy, or Religion.
- f. Biology.
First Minor, Chemistry.
Second Minor, Education, Mathematics, or Physics.
- g. Chemistry.
First Minor, Physics.
Second Minor, Education, Biology, or Mathematics.
- h. Physics.
First Minor, Mathematics.
Second Minor, Biology, Chemistry, or Education.

7. Miscellaneous notes on the Majors and Minors.

- a. Courses in the General and Special Requirements may be applied toward the major and minors, unless otherwise indicated; as Chinese 101-102, English 101-102, Biology 102, et al.
- b. Courses that may apply on the major or minor in more than one department, are indicated under the description of the courses concerned.
- c. Students who are planning on specialization in any department or subject, may secure additional courses by choosing part of their free electives in that subject.
- d. Woman students may take Household Arts as the second minor.
- e. Upon the approval of the Department Head a student may be excused from taking a Second Minor in case he has taken 14 credits more than what is required for his major subject.

COURSES OF STUDY—DETAILED

THE BACHELOR OF ARTS COURSE

Freshman Year, Fall Term

Chinese Literature 101	Selected Essays and Poems of Representative Types	...	...	3	credit	hours
English 101	Composition and Literature	...	...	4	"	"
History 113	World History...	...	...	3	"	"
Philosophy 101	Introduction to Western Philosophy	2			"	"
Sociology 101	Introduction to Sociology	...	...	4	"	"
Gymnasium 111	Gymnasium Work	...	...	1	"	hour
Education 100	How to Study or Religion 101 Christianity and Modern Problems	2			"	hours
				<u>19</u>	credit	hours

Freshman Year, Spring Term

Chinese Literature 102	Selected Essays and Poems of Representative Type	...	...	3	credit	hours
English 102	Composition and Literature	...	...	4	"	"
History 114	World History...	...	...	3	"	"
Philosophy 102	History of Chinese Philosophy...	2			"	"
Political Science 102	General Political Science	...	...	4	"	"
Gymnasium 112	Gymnasium Work	...	...	1	"	hour
Philosophy 100	A Survey of the Major Subjects or Religion 102 Christianity and Modern Problems	2			"	hours
				<u>19</u>	credit	hours

Sophomore Year, Fall Term

English 201	Composition and Literature	...	...	3	credit	hours
Science Elective	...	...	...	5	"	"

Gymnasium 211	Gymnasium Work	...	...	1	credit	hour
Major-Minor-Electives	...	...	...	9	"	hours
				<u>18</u>	credit	hours

Sophomore Year, Spring Term

English 202	Composition and Literature	...	...	3	credit	hours
Science Elective	...	...	...	5	"	"
Gymnasium 212	Gymnasium Work	...	...	1	"	hour
Major-Minor-Electives	...	...	...	9	credit	hours
				<u>18</u>	credit	hours

Six credits of Military Training are required of all man students during these two years, and these credits are not counted toward graduation,

Junior Year, Fall Term

Psychology	...	...	...	3	credit	hours
Party Principles	...	...	...	2	"	"
Major-Minor-Electives	...	...	...	11	"	"
				<u>16</u>	credit	hours

Junior Year, Spring Term

Ethics	...	...	...	3	credit	hours
Chinese History	...	...	...	3	"	"
Major-Minor-Electives	...	...	...	10	"	"
				<u>16</u>	credit	hours

Senior Year, Fall Term

Major - Minor -Electives	16	credit	hours
--------------------------	-----	-----	-----	----	--------	-------

Senior Year, Spring Term

Major - Minor - Electives 16 credit hours

An undergraduate thesis is required of all Arts students, desiring the B. A. degree.

THE BACHELOR OF SCIENCE COURSE

Freshman Year, Fall Term

Chinese Literature 103	Selections, poetry and prose	2	credit	hours
English 101	Composition and Literature	4	"	"
Chemistry 101	General Chemistry	5	"	"
Mathematics 101	Mathematical Analysis	5	"	"
Gymnasium 111	Gymnasium Work	1	"	hour
Education 100	How to Study or			
Religion 101	Christianity and Modern Problems	2	"	hours
				19 credit hours

The elective is a choice between a course in religion and the orientation course. For those who are admitted with a condition in Science, Elementary Physics, 5 credit hours is taken in place of the Chemistry.

Freshman Year, Spring Term

Chinese Literature 104	Selections, poetry and prose	2	credit	hours
English 102	Composition and Literature	4	"	"
Science Elective		5	"	"
Biology 102	General Biology	5	"	"
Gymnasium 112	Gymnasium Work	1	"	hour
Philosophy 100	A Survey of the Major Subjects or-			
Religion 102	Christianity and Modern Problems	2	"	hours
				19 credit hours

The Science elective is a choice between Physics and Chemistry, determined by the choice of the major. The other elective is a choice between a course in religion and the orientation course.

Sophomore Year, Fall Term

English 201	Composition and Literature	3	credit	hours
Chinese Literature 105	Selections, poetry and prose	2	"	"
Gymnasium 211	Gymnasium Work	1	"	hour
Major - Minor - Electives		12	"	hours
				18 credit hours

Sophomore Year, Spring Term

English 202	Composition and Literature	3	credit	hours
History 324	Modern History	3	"	"
Gymnasium 212	Gymnasium Work	1	"	hour
Major - Minor - Electives		11	"	hours
				18 credit hours

For those who are conditioned in Science at entrance, Chemistry (General Chemistry), 5 credit hours must be taken.

Six credits of Military Training are required of all man students during these two years, and these credits are not counted toward graduation.

Junior Year, Fall Term

Psychology		3	credit	hours
Party Principles		2	"	"
Major - Minor - Electives		11	"	"
				16 credit hours

Junior Year, Spring Term

Ethics	3	credit hours
Chinese History	3	" "
Major - Minor - Electives	10	" "
	<hr/>	
	16	credit hours

Senior Year, Fall Term

Major - Minor - Electives	16	credit hours
----------------------------------	----	--------------

Senior Year, Spring Term

Major - Minor - Electives	16	credit hours
----------------------------------	----	--------------

An undergraduate thesis is required of all Science Students, desiring the B. S. degree.

THE PRE-MEDICAL COURSE

A. For Regular Students:

First Year, Fall Term

Chinese 103 Selections, poetry and prose	2	credit hours
English 101 Composition and Literature	4	" "
Mathematics 101 Mathematical Analysis	5	" "
Chemistry 101 General Chemistry	5	" "
Gymnasium 111 Gymnasium Work	1	" hour
Religion 101 Christianity and Modern Problems or Education 100 How to Study... ..	2	" hours
	<hr/>	
	19	credit hours

First Year, Spring Term

Chinese 104 Selections, poetry and prose	2	credit hours
English 102 Composition and Literature	4	" "
Biology 102 General Biology	5	" "
Chemistry 102 Inorganic Chemistry	5	" "
Gymnasium 112 Gymnasium Work	1	" hour
Religion 102 Christianity and Modern Problems or Philosophy 100 A Survey of the Major Subjects 2	2	" hours
	<hr/>	
	19	credit hours

Second Year, Fall Term

Chinese 105 Selections, poetry and prose	2	credit hours
English 201 Composition and Literature	3	" "
Physics 201 Mechanics	4	" "
Chemistry 221 Inorganic Qualitative Analysis	4	" "
Zoology 311 Vertebrate Zoology	5	" "
Gymnasium 211 Gymnasium Work	1	" hour
	<hr/>	
	19	credit hours

Second Year, Spring Term

History 332	China in the Last Hundred Years	3	credit hours
English 202	Composition and Literature	3	" "
Physics 202	Heat, Light and Sound	4	" "
Chemistry 222	Inorganic Quantitative Analysis	4	" "
Zoology 212	Invertebrate Zoology	4	" "
Gymnasium 212	Gymnasium Work	1	" hour
			19 credit hours

Six credits of Military Training are required of all man students during these two years, and these credits are not counted toward graduation.

Third Year, Fall Term

Physics 203	Electricity and Magnetism	4	credit hours
Chemistry 335	Organic Chemistry	5	" "
German 301	Elementary German or		
	Sociology — Economics	5	" "
Elective	... ..	4	" "
			18 credit hours

Third Year, Spring Term

Philosophy 302	Ethics	3	credit hours
Chemistry 354	Physical Chemistry	4	" "
Zoology 324	Embryology or Botany 201 General		
	Botany	3 or 4	" "
German 302	Elementary German or		
	Sociology — Economics... ..	5	" "
Elective	... ..	2 or 3	" "
			18 credit hours

B. For those who did not present Physics at Entrance:

First Year, Fall Term

Chinese 103	Selections, poetry and prose	2	credit hours
English 101	Composition and Literature	4	" "

Mathematics 101	Mathematical Analysis	5	credit hours
Physics 101	Elementary Physics	5	" "
Gymnasium 111	Gymnasium Work	1	" hour
Religion 101	Christianity and Modern Problems or		
	Education 100 How to Study	2	" hours
			19 credit hours

First Year, Spring Term

Chinese 104	Selections, poetry and prose	2	credit hours
English 102	Composition and Literature	4	" "
Physics 102	Mechanics	5	" "
Biology 102	General Biology	5	" "
Gymnasium 112	Gymnasium Work	1	" hour
Religion 102	Christianity and Modern Problems or		
	Philosophy 100 A Survey of Major Subjects	2	" hours
			19 credit hours

Second Year, Fall Term

Chinese 105	Selections, poetry and prose	2	credit hours
English 201	Composition and Literature	3	" "
Physics 203	Electricity and Magnetism	4	" "
Chemistry 101	General Chemistry	5	" "
Zoology 311	Vertebrate Zoology	5	" "
			19 credit hours

Second Year, Spring Term

History 332	China in the Last Hundred Years ...	3	credit hours
English 202	Composition and Literature	3	" "
Physics 202	Heat, Light and Sound	4	" "
Chemistry 102	Inorganic Chemistry	5	" "
Zoology 212	Invertebrate Zoology	4	" "
			19 credit hours

Six credits of Military Training are required of all man students during these two years, and these credits are not counted toward graduation.

Third Year, Fall Term

Chemistry 221	Inorganic Qualitative Analysis ...	4	credit hours
Chemistry 335	Organic Chemistry	5	" "
German 301	Elementary German or Sociology — Economics	5	" "
Gymnasium 211	Gymnasium Work	1	" hour
Elective	... ..	3	" hours
			18 credit hours

Third Year, Spring Term

Philosophy 302	Ethics	3	credit hours
Chemistry 222	Inorganic Quantitative Analysis ...	4	" "
Zoology 324	Embryology, or Botany 201 General Botany	3 or 4	" "
Chemistry 354	Elementary Physical Chemistry		
German 302	Elementary German or Sociology — Economics	5	" "
Gymnasium 212	Gymnasium Work	1	" hour
Elective	... ..	1 or 2	" hours
			18 credit hours

THE PRE-NURSING COURSE

First Year, Fall Term

Chinese 103	Selections, poetry and prose	2	credit hours
English 101	Composition and Literature	4	" "
Gymnasium 111	Gymnasium Work	1	" hour
Mathematics 101	Mathematical Analysis	5	" hours
Chemistry 101	General Chemistry or Physics 101 Elementary Physics	5	" "

Education 100	How to Study or		
Religion 101	Christianity and Modern Problems	2	credit hours
			19 credit hours

First Year, Spring Term

Chinese 104	Selections, poetry and prose	2	credit hours
English 102	Composition and Literature	4	" "
Gymnasium 112	Gymnasium Work	1	" hour
Biology 102	General Biology	5	" hours
Chemistry 102	Inorganic Chemistry or Chemistry 204 General Chemistry for Arts Students ...	5	" "
Philosophy 100	A Survey of the Major Subjects or Religion 102 Christianity and Modern Problems	2	" "
			19 credit hours

Second Year, Fall Term

Chinese 105	Selections, poetry and prose	2	credit hours
English 201	Composition and Literature	3	" "
Sociology 101	Introduction to Sociology	4	" "
Philosophy 203	Elements of Psychology	3	" "
Gymnasium 211	Gymnasium Work	1	" hour
Elective	... ..	5	" hours
			18 credit hours

Second Year, Spring Term

English 202	Composition and Literature	3	credit hours
History 332	China in the Last Hundred Years ...	3	" "
Philosophy 302	Ethics	3	" "
Zoology 212	Invertebrate Zoology	4	" "
Gymnasium 212	Gymnasium Work	1	" hour
Elective	... ..	4	" hours
			18 credit hours

THE LAW COURSE

First Year, Fall Term

Chinese 101 Selected Essays and Poems of Representative Types	3 credit hours
English 101 Composition and Literature	4 " "
History 113 World History	3 " "
Sociology 101 Introduction to Sociology	4 " "
Gymnasium 111 Gymnasium Work	1 " hour
Education 100 How to Study or Religion	
101 Christianity and Modern Problems ...	2 " hours
Law 101 Chinese Court Organization	1 " hour
Law 103 History of Chinese Legal Institutions ...	2 " hours
Law 105 Documentary Chinese	1 " hour

21 credit hours

First Year, Spring Term

Chinese 102 Selected Essays and Poems of Representative Types	3 credit hours
English 102 Composition and Literature	4 " "
History 114 World History	3 " "
Political Science 102 General Political Science ...	4 " "
Gymnasium 112 Gymnasium Work	1 " hour
Philosophy 104 Elementary Psychology	3 " hours
Law 102 Elements of Law	3 " "

21 credit hours

Second Year, Fall Term

Law 201 Comparative Constitutions	2 credit hours
Law 203 Principles of International Law	3 " "
Law 205 China's Constitutional Development ...	3 " "
Law 207 General Principles of Civil Law	2 " "

Law 209 General Principles of Criminal Law ...	3 credit hours
Law 211 Jurisprudence	2 " "
Economics 201 Principles of Economics	3 " "
Law 213 Parliamentary Law	1 " hour
Political Science 300 Kuomintang Principles ...	2 " hours

21 credit hours

Second Year, Spring Term

Law 202 Comparative Constitutions	2 credit hours
Law 204 Cases in International Law	3 " "
Law 208 General Principles of Civil Law	2 " "
Law 210 Criminal Law (Particular Crimes) ...	3 " "
Law 212 Law of Criminal Procedure	3 " "
Law 214 Anglo-American Criminal Law	2 " "
Philosophy 204 Logic	3 " "
Political Science 306 History of European Political Thought	3 " "

21 credit hours

DESCRIPTION OF COURSES

BIOLOGY

(Biology, Botany, Zoology.)

SPECIAL MAJOR IN BIOLOGY:

In a Special Major, the student takes only one minor; and for the second minor substitutes 15 hours of additional work in the major subject; thus, in the case of Biology, making a total of 45 credit hours.

The courses recommended for a Special Major in Biology are:—

General Biology (Biology 102)			
General Botany (Botany 201)...	...	4	credit hours
Plant Morphology (Botany 212 and 313)...	6	"	"
Invertebrate Zoology (Zoology 212)...	4	"	"
Vertebrate Zoology (Zoology 311)...	5	"	"
Evolution (Biology 325) ...	2	"	"
Genetics (Biology 326) ...	3	"	"
Seminar (Biology 411-412) ...	2	"	"
Problem and Thesis (Biology 400) ...	4	"	"
Electives in Biology ...	15	"	"

Total 45 credit hours

The electives may be chosen wholly from one field, as botany, or zoology; or partly from both fields, depending upon the emphasis desired by the student.

NOTE: General Biology is part of the General Requirements for Graduation, and does not count toward a major.

Courses required for a major or a minor in Biology:

Major:—

General Courses for all major students:



Vee-keh Hall

Biol. 102 General Biology	5 credit hours
Bot. 201 General Botany	4 " "
Zool. 212 Invertebrate Zoology... ..	4 " "
Zool. 311 Vertebrate Zoology	5 " "
Biol. 411-12 Biology Seminar	2 " "
Biol. 400 Biological Problem	2 " "

Courses for students emphasizing zoology:

Zool. 324 Vertebrate Embryology	3 credit hours
Zool. 423 Animal Micrology	3 " "
Biology electives	7 " "

Courses for students emphasizing botany:

Bot. 212 Morphology-lower plants	3 credit hours
Bot. 313 Morphology-higher plants... ..	3 " "
Bot. 421 Plant Micrology	3 " "
Biology electives	4 " "

Minor:—

Biol. 102 General Biology... ..	5 credit hours
Bot. 201 General Botany	4 " "
Zool. 212 Invertebrate Zoology	4 " "
Zool. 311 Vertebrate Zoology... ..	5 " "

Biology 102 General Biology 5 credit hours

A general introduction to the study of the structure and the physiological process in plants and animals. The attempt is made throughout the course to emphasize the fundamental principles of biology.

Prerequisite: None.

Text: Woodruff, Foundation of Biology.

Three class hours, six laboratory hours, a one term course offered each term.

Required of all students.

Not counted toward a major or a minor in Biology.

Biology 325 Evolution 2 credit hours

This is a lecture and reading course dealing with the development of the theory of evolution, inorganic and organic, with special emphasis upon the relation to man.

Prerequisite: General Biology, or its equivalent.

Text: To be selected.

Elective for both arts and science students.

Biology 326 Genetics 3 credit hours

This course deals with variation of animals and plants, biometric studies, Mendelian principles of inheritance, linkage and crossing over, non-disjunction phenomena, chromosome theory of heredity, sex determination, and their applications to plants and animals. In the laboratory emphasis is laid on the study of unit character, inheritance in corn, lady-bird beetle and mice, breeding of fruit-fly, and biometric experiments.

Prerequisite: Biology 102.

Two class hours, three laboratory hours.

Text: Sinnott and Dunn, Principles of Genetics.

Recommended for a major in Biology.

Biology 328 Eugenics 2 credit hours

This is a lecture and reading course dealing with the principles and methods of human inheritance, followed by a careful analysis of human traits and defects, both physical and mental. Emphasis is also laid on the topics concerning the environmental relations with the development of human characters, and the methods and possibilities of improving the present human race.

Prerequisite: Biology 102.

No text. Reference assignments.

Two class hours.

Elective for both arts and science students.

Biology 329 Laboratory Methods in Biology 2 credit hours

For major students in biology, who expect to teach or to follow some phase of biology as a profession. This course deals with such subjects as laboratory equipment; collecting, preservation, and storage of materials; rearing of cultures; injection of blood vessels and embalming; and chart and lantern slide making.

Prerequisite: Major work in biology.

Six laboratory hours, spring term.

Biology 400 Biological Problems 2 to 6 credit hours

In this course, opportunity is afforded for the pursuit of special problems, or special phases, of both botanical and zoological studies beyond that permitted by the more formal courses. Each student registering in the course is assigned to a problem, in which he or she is interested, under the direction of a definite member of the staff. The results of the investigation should be written in an essay or thesis form.

Year course; hours and credit to be arranged.

At least two credit hours of work are required of majors in Biology. Open to Seniors and qualified Juniors.

Biology 411-2 Biology Seminar 1 credit hour

These courses are designed to acquaint the students with the current publications and recent works on biology, and to give practice in concise oral review and presentation of scientific papers. The work consists of reports of current biological articles or the results of individual research by members of the biology staff and by students.

Open only to seniors and graduate students in the Biology Department.

Prerequisite: At least two years of work in Biology.

Texts: Biological Journals and Periodicals in the Library.

Meet once a week about an hour as an informal gathering either in staff residences or class room.

Required: Seniors, who major in Biology will take two credit hours (one each term); and graduate students will take the work throughout their entire residence.

Biology 500 Research in Biology

Problems in Botany and Zoology along certain limited lines open of the graduate students who are accepted by the Biology Department, and by the Committee on Graduate Study. The problem and credits are arranged by consultation with the major Professor and the Head to the Biology Department. A written thesis on the work done is required.

Botany 201 General Botany 4 credit hours

Introductory studies in the main divisions of botanical science—morphology, physiology, ecology, genetics—including outline presentations of the the fundamental biological theories.

Prerequisite: None.

Text: Smith, Overton, et al., A Textbook of General Botany.

Two class hours, six laboratory hours.

Required for a major or a minor in Biology.

Botany 212 Morphology of the Thallophytes and Bryophytes 3 credit hours

A detailed morphological study of the algae, fungi, liverworts, and mosses, with special emphasis upon the green algae. This course deals with the usual problems of morphology.

Prerequisite: Botany 201.

Text: Coulter, Barnes, Cowles, A Textbook of Botany, Volume I, Part I.

One class hour, six laboratory hours.

Required for a Botany major in Biology.

NOTE: This course, together with Botany 313, will give the student a complete survey of the plant kingdom, as ordinarily undertaken in general morphology.

Botany 313 Morphology of the Pteridophytes and Spermatophytes 3 credit hours

A detailed morphological study of ferns, and fern alliances, and seed plants, with special emphasis upon the development of the stem, seed, and flower.

Prerequisite: Botany 201.

Text: Same as for Botany 212.

One class hour, six laboratory hours.

Required for a Botany major in Biology.

NOTE: See note under Botany 212.

Botany 324 Local Flora 3 credit hours

A brief summary of the principles of Systematic Botany, applied in the study of the characteristic families and genera which occur locally. Part of the course is the study of Chinese equivalents for the Latin names of plants. The library is equipped with a large number of reference works for this course.

Prerequisite: Botany 201.

Text: Swingle, Textbook of Systematic Botany.

Nine laboratory hours. Field trips required.

Botany 421 Plant Miology 3 credit hours

Practical instruction in collecting, killing, preserving, sectioning, and mounting plant tissues. This course is designed specially for prospective teachers and research workers.

Prerequisites: Botany 201. It is a great advantage to the students if they take Botany 212, and 313, before taking this course.

Text: Chamberlain, Methods in Plant Histology.

Nine laboratory hours. Fall term.

Required for a Botany major in Biology.

Botany 422 Plant Physiology 3 credit hours

A study of the functions and the behaviour of the plant, includ-

ing the physiological processes of nutrition, growth and reproduction. The University greenhouse will be available for use.

Prerequisite: Botany 201.

Text: Maximov, N. A., A Textbook of Plant Physiology.

One class hour, six laboratory hours.

Botany 431 Plant Ecology 3 credit hours

A study of plants in relation to their environment, with special reference to associations and successions. All trips and field work required.

Texts: Cowles, A Textbook of Botany, Vol. II, Ecology; and MacDougall, Plant Ecology.

One class hour, six laboratory hours.

Botany 433 General Bacteriology 3 credit hours

A course to give the fundamentals of Bacteriological and to acquaint the students with the basic bacteriological laboratory technique.

Prerequisite: Biology 102, General Biology.

Text: Buchanan E. D., and Buchanan R. E.: Bacteriology for students in general and Household Science, 2nd revised edition 1932.

One class hour, six laboratory hours.

Zoology 212 Invertebrate Zoology 4 credit hours

A course dealing with the morphology, physiology, and taxonomy of the invertebrate groups. In so far as material will permit, types for study are chosen from the living forms available locally.

Prerequisite: None.

Texts: Wu, Chenfu F., Invertebrate Zoology, and Hegner, R., College Zoology.

Two class hours, six laboratory hours.

Required for a major or a minor in biology, and for the pre-medical course.

Zoology 311 Comparative Anatomy of the Vertebrates 5 credit hours

A detailed study of the natural history, classification, and comparative anatomy of the vertebrates. Special emphasis is being laid on the comparative anatomy of the type forms, as a basis for understanding the evolutionary development of this group. In the laboratory, particular attention is given to the dogfish as a foundation for later study and to the mammal, because of its likeness to man in structure.

Prerequisite: Biology 102.

Text: Walter, Biology of the Vertebrates.

Boring, Laboratory directions for Comparative Vertebrate Anatomy.

Three class hours, six laboratory hours.

Required for a major or a minor in Biology and for the pre-medical course.

Zoology 323 Animal Parasitology 4 credit hours

A systematic survey of the local parasitic protozoa, vermes and insects, with special emphasis laid on their morphology, life history and economic importance.

Prerequisite: Zoology 212.

Chief references: Hegner, R., Root, F. M., Augustine, E. L., Animal Parasitology; Chandler, A. C., Introduction to Human Parasitology; Faust, E. C., Human Helminthology.

Two class hours, six laboratory hours.

Zoology 324 Vertebrate Emcryology 3 credit hours

A general review of cell structure and functions, followed by a study of the germ cells, their maturation, fertilization, cleavage, results of recent experimental work, general process of early development, organogeny and embryonic membranes. This is continued by an abbreviated study of of embryology of the frog and the chick.

Prerequisite: Biology 102 and Zoology 311, except by special permission of the instructor.

Text: Shumway, Vertebrate Embryology.

Two class hours, three laboratory hours.

Required for a zoology major in Biology.

This course, or Botany 201, is recommended for the pre-medical course.

Zoology 352 General Entomology 4 credit hours

This course is divided into three parts, namely, Insect Morphology, Insect Taxonomy, and Economic Entomology. The first part deals with the general morphology and anatomy of insects. The second part includes a general study of the representatives of the different orders of insects to show the general course of evolution among the insects. Local forms will be collected and studied and their structure will be taken as the basis of their classification. The methods of insect control and the different common insect pests are discussed in the last part.

Prerequisite: None.

Chief references: Comstock, J. H., An Introduction to Entomology; Imms, A. D., A Textbook of Entomology; and Metcalf and Flint, Destructive and Useful Insects.

Two class hours, six laboratory hours.

Zoology 423 Animal Micrology 3 credit hours

Practical instruction in killing, fixing, sectioning, staining, and mounting animals and animal tissues.

Prerequisites: Zoology 212 and 311.

Text: Guyer, Animal Micrology.

Nine laboratory hours, spring term.

Required for a zoology major in Biology.

Zoology 451 Advanced Entomology 4 credit hours

This course deals with the detailed external morphology and internal anatomy, histology, physiology, and embryology of insects.

Lectures, assigned readings, and reports. The laboratory deals with the external and internal anatomy and histology of several common species of insects.

Prerequisites: Zoology 212 and 352.

Two class hours, six laboratory hours.

Zoology 453 Animal Histology 4 credit hours

A detail study on the structure of the cell and its various forms, the fundamental tissues, their origin, general structure and distribution in the body. The course consists of lectures and laboratory exercises.

Prerequisites: Zoology 212, and 311.

Chief references: Schafer, E. S., Essentials of Histology; and Lewis, F. T. and Bremer, J. L., A textbook of Histology.

Two class hours, six laboratory hours.

CHEMISTRY

Those who take Chemistry as the major subject should take Physics as the First minor, and Mathematics, Biology or Education as the Second minor. The following courses are required for a major in Chemistry:

Chemistry 102	Principles of Inorganic Chemistry	5 credit hrs.
„ 221	Inorganic Qualitative Analysis...	4 „ „
„ 222	Inorganic Quantitative Analysis	4 „ „
„ 331-332	Organic Chemistry	10 „ „
„ 363	Industrial Chemistry	4 „ „
„ 451	Physical Chemistry	4 „ „
„ 400	Introduction to Chemical Research 2-5	„ „

For those who take Chemistry as a minor should select any three of the following courses.

Chemistry 102	Principles of Inorganic Chemistry	5 credit hrs.
„ 221	Inorganic Qualitative Analysis...	4 „ „
„ 222	Inorganic Quantitative Analysis	4 „ „
„ 335	Elementary Organic Chemistry	5 „ „
„ 354	Elementary Physical Chemistry	4 „ „

Chemistry 101 General Chemistry 5 credit hours

This course is intended to give students a comprehensive knowledge of the fundamental principles of chemistry and the properties and reactions of the more important elements. The methods of independent laboratory study are stressed rather than the mere acquiring of information.

Text: Deming, General Chemistry.

Three class hours, six laboratory hours.

Required of all science students.

Chemistry 102 Principles of Inorganic Chemistry 5 credit hours

This course consists of a review and more rigorous treatment of the fundamental principles of Chemistry, with special emphasis on

independent, individual work in the laboratory.

Prerequisite: Chemistry 101.

Text: Chapin, second Year College Chemistry.

Three class hours, six laboratory hours.

Required for a major in Chemistry and pre-medical group.

Chemistry 204 General Chemistry for Arts Students 5 credit hours

A brief course specially designed for arts students. An elementary study of Chemistry emphasizing principles and their applications. In the laboratory emphasis will be laid upon individual experimentation and the drawing of conclusions therefrom as training in the scientific way of approaching a problem.

Text: Deming, Introductory College Chemistry.

Three class hours, six laboratory hours.

Elective for arts students.

Will not be accounted toward a major or a minor in Chemistry.

Chemistry 221 Inorganic Qualitative Analysis 4 credit hours

The separation and the identification of the more common bases and acids will be undertaken in the laboratory. The class work will deal with the chemistry of the analytical reactions, special emphasis being given to the application of the law of mass action, ionization products, oxidation-reduction reactions, etc.

Prerequisite: Chemistry 101 and 102.

Text: A. A. Noyes, Qualitative Chemical Analysis.

Two class hours, six laboratory hours.

Required for a major in Chemistry, and pre-medical group.

Chemistry 222 Inorganic Quantitative Analysis 4 credit hours

Elementary gravimetric and volumetric analysis and chemical calculations.

Prerequisite: Chemistry 221.

Text: Talbot, Quantitative Chemical Analysis.

One class hour, and nine laboratory hours.

Required for a major in Chemistry, and pre-medical group.

Chemistry 305 History of Chemistry 2 credit hours

A study of the history of the development of chemical science including also biographical studies of men who are prominent in chemistry.

Prerequisite: Completion of 20 or more credits in Chemistry.

Two class hours.

Elective.

Chemistry 323 Advance Quantitative Analysis 4 credit hours

A continuation in the study of analysis designed to train in the selection of methods suited to the particular problem under investigation.

Prerequisite: Chemistry 222.

One class hour, nine laboratory hours.

Elective.

Chemistry 326 Technical Chemical Analysis 3 credit hours

This course is to train the technique for the analysis of coal, water, gas, and other industrial products.

Prerequisites: Chemistry 222 and 363.

One class hour, six laboratory hours.

Elective.

Chemistry 331-332 Organic Chemistry 10 credit hours

A study of the general principles of organic chemistry, the classification of organic compounds, their nomenclature and reactions. In general, the first term will be spent in the study of aliphatic series, and the second term, the aromatic series.

Prerequisite: Chemistry 221.

Text: Norris, Organic Chemistry; Norris, Experimental Organic Chemistry.

Three class hours, six laboratory hours, two terms. Continuous course, incomplete at the end of fall term.

Required for a major in Chemistry.

Chemistry 335 Elementary Organic Chemistry 5 credit hrs.

A brief survey of the elements of organic chemistry, specially designed for students who are specializing in Biology or preparing for medical college.

Prerequisite: Chemistry 221.

Text: Lowy-Harrow, Introduction to Organic Chemistry.

Three class hours, six laboratory hours.

Required of pre-medical group. Will not be counted toward a major in Chemistry.

Chemistry 354 Elementary Physical Chemistry 4 credit hrs.

A brief survey of Physical Chemistry. Solutions, electro-chemistry, colloids, etc., will be studied. This course is specially designed to meet the needs of pre-medical students.

Prerequisite: Chemistry 222.

Text: Findly, Physical Chemistry for Students of Medicine.

Three class hours, three laboratory hours.

Required of pre-medical group. Will not be counted toward a major in Chemistry.

Chemistry 363 Industrial Chemistry 4 credit hours

A study of the general methods employed in the most common chemical industries. Special references are made to industrial conditions in this country, the applicability of the different processes, the location and availability of certain raw materials, information of various factories, etc. Visits are made to plants in Soochow and neighboring cities.

Prerequisite: Chemistry 222.

Text: Rogers, Elements of Industrial Chemistry.

Three class hours, three laboratory hours.

Required for a major in Chemistry.

Chemistry 400 Introduction to Chemical Research 2-5 credit hours

This course intends to train the student to develop the ability of independent reasoning which is so important for the solution of chemical problems. The work may consist in either experimentation in the laboratory or investigation in the library. At the end of the term, a report should be written to show the result of study.

Prerequisite: Chemistry 222, 332, 363 and 451.

The number of credits given will depend upon the amount of work done.

Required for a major in Chemistry.

Chemistry 401 Inorganic Preparation 3 credit hours

A number of special and complex compounds will be prepared, as an introduction to the study of theories of inorganic chemistry, and as a means to train the students in the preparation of special compounds required in the different fields of chemical research.

Prerequisite: Chemistry 102, 222 and 332.

Text: Biltz, Hall and Blanchard, Laboratory Methods of Inorganic Chemistry.

One class hour, six laboratory hours.

Elective.

Chemistry 420 Special Methods of Analysis 3 credit hours

A study of potentiometric and conductometric titrations, colorimetric, electrolytic, gasometric and optical methods of analysis.

Prerequisite: Chemistry 222, 451.

One class hour, six laboratory hours.

Chemistry 433 Organic Preparation 3 credit hours

This course is designed to give the students extensive and refined training in the preparation of typical organic compounds. As many

different kinds of representative reactions as possible will be dealt with. Theoretical discussions will supplement the work in the laboratory.

Prerequisite: Chemistry 332.

Text: Gettermann, Practical Methods of Organic Chemistry.

One class hour, six laboratory hours.

Elective.

Chemistry 434 Organic Qualitative Analysis 4 credit hours

An advanced laboratory course in Organic Chemistry consisting mainly in the purification and identification of different groups of organic compounds.

Prerequisite: Chemistry 332, Chemistry 433 is advisable.

Text: Kamm, Qualitative Organic Analysis.

One class hour, nine laboratory hours.

Elective.

Chemistry 436 Selected Topics in Organic Chemistry 2 credit hours

Some of the following topics will be discussed in detail; Tautomerism, Molecular Rearrangement, Stereochemistry. Carbohydrates, dyestuffs and alkaloids. Topics to be selected will be different for different terms.

Prerequisite: Chemistry 332.

Two class hours.

Elective.

Chemistry 437 Organic Quantitative Analysis 3 credit hours

An introductory course in quantitative organic analysis which deals mainly with the determination of carbon, hydrogen, nitrogen, sulfur and halogens.

Prerequisite: Chemistry 332. Chemistry 434 is advisable.

Nine laboratory hours.

Elective.

Chemistry 451 Physical Chemistry 4 credit hours

A general review of the physico-chemical theories concerning the states of aggregation of matter, solutions, thermochemistry, electrochemistry, colloid chemistry, chemical equilibria, chemical kinetics, and modern physics.

Prerequisite: Chemistry 222 and 332. Mathematics 262, and Physics 203 are advisable.

Text: Getman and Daniels, Outlines of Theoretical Chemistry. Three class hours, three laboratory hours.

Required for a major in Chemistry.

Chemistry 452 Selected Topics in Physical Chemistry 3 credit hours

A more extensive study of the recent developments in the different fields of Physical Chemistry, like thermodynamics, quantum theory, kinetic theory, electrochemistry, photochemistry, atomic structure, etc.

Prerequisite: Chemistry 451, Mathematics 381 and 460.

Three class hours.

Elective.

Chemistry 453 Colloid Chemistry 3 credit hours

A more detailed study of the theories and applications of colloid chemistry, with special emphasis on the recent developments.

Prerequisite: Chemistry 451.

Text: Kruyt, Colloids; and references.

Two class hours, three laboratory hours.

Elective.

Chemistry 454 Physico-chemical Measurements 1-2 credit hours

An advanced laboratory course in Physical Chemistry, which will deal with the use of more complex and precision instruments.

Prerequisite: Chemistry 451.

Three or six laboratory hours.

Elective.

Chemistry 461 Elementary Chemical Engineering 3 credit hours

This course aims at giving student an elementary knowledge of the operation and calculation in chemical processes.

Prerequisite: Chemistry 363 and Mathematics 262.

Three class hours.

Elective.

Chemistry 464 Special Topics in Industrial Chemistry 3 credit hours

A continuation of Chemistry 363, with more exhaustive study of some selected topics in industrial chemistry. The topics to be selected will depend upon the need and interest of the students.

Prerequisite: Chemistry 363.

Three class hours with trips to the nearby factories.

Elective.

Chemistry 470 Food Analysis 4 credit hours

An elementary course in food analysis. Certain typical foods such as milk, grain products, fats and oils, sugars, are selected to illustrate the characteristic methods of food analysis. Emphasis is also laid on the interpretation of the analytical results and discussion of the suitability and limitations of different processes.

Prerequisite: Chemistry 222 and 332.

Text: Sherman, Organic Analysis, and references.

One class hour, nine laboratory hours.

Elective.

Chemistry 471 Chemistry of Food and Nutrition 3 credit hours

A study of the chemistry and functions of food stuffs, their composition and nutritive values, and the amount of food required for nutrition.

Prerequisite: Chemistry 332.

Text: Sherman, Chemistry of Food and Nutrition.

Three class hours.

Elective.

Chemistry 472 Physiological Chemistry 5 credit hours

An elementary course in Physiological Chemistry designed to give students familiarity with compounds important from biochemical viewpoint, and to acquaint them with the fundamental processes which go on in the animal body.

Prerequisite: Chemistry 332.

Text: Bodansky, Physiological Chemistry.

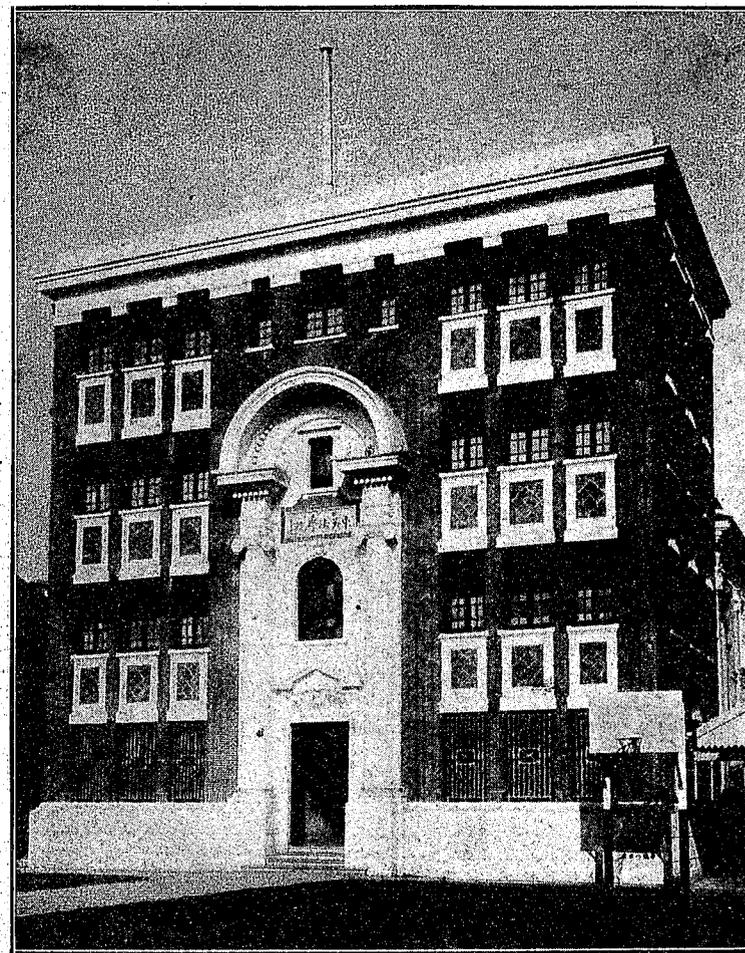
Three class hours, six laboratoy hours.

Elective.

Chemistry 500 Research in Chemistry.

Credit hours to be arranged by consultation.

Open to graduate students only.



S. U. Law School, Shanghai

CHINESE LITERATURE

The major in "Literature" combines both Chinese and English literature, whereas the minor, is a separate minor in Chinese literature, or in English literature.

Major in Literature:

Chinese Literature 201, 202, 203, 204, 205, 408, and 4 more hours of advanced Chinese Literature; together with not less than 6 hours in English Literature, with course number above 300.

Minor in Chinese Literature:

Chinese Literature 201, 202, 203, 204, 205, and three more hours of advanced Chinese Literature with course number above 300.

Chinese 101 Selected Essays and Poems of Representative Types 3 credit hours

各體文選及古近體詩
本課為各系所必修法取精究效期實用凡分敘
述文記載文論說文順序精選歷代名著講述兼
授古近體詩

課本
經史百家雜鈔 詩臨時印發

Required of all groups.

Chinese 102 Selected Essays and Poems of Representative Types 3 credit hours

各體文選及古近體詩

課本同前

Required of all groups.

Chinese 201 Chinese Philology 2 credit hours

文字學
先授形聲義通論繼續研求六書音韻訓詁之起
源及變遷

課本
中國文字學

Required for a major in Literature, and a minor in Chinese.

Chinese 202 Chinese Philology 2 credit hours

文字學

課本

段注說文解字

Required for a major in Literature, and a minor in Chinese.

Chinese 203 Outline Study of Chinese Literature 2 credit hours

文學概論

辨別古今文學作品之體裁與格律且必上攬其
本原下窮其流別

課本

中國文學通論

Required for a major in Literature, and a minor in Chinese.

Chinese 204 Outline Study of Chinese Literature 2 credit hours

文學概論

課本

文心雕龍

Required for a major in Literature, and a minor in Chinese.

Chinese 205 History of Chinese Literature 3 credit hours

文學史

講述上古迄至近世文學上之源流正變及各時
代文學代表之人物期學着了然於盛衰升降之
所由

課本

曾毅文學史

Required for a major in Literature and a minor in Chinese.

Chinese 301 Poetical Selections 2 credit hours

歷代詩選

選讀各體詩歌關於五七言之先後代與古近體
之次第成立及各家之筆擬創作歷代之形貌精
神均詳切提示期增研究之興味

課本

曾國藩十八家詩鈔

Elective.

Chinese 302 Poetical Selections 2 credit hours

歷代詩選

課本同前

Elective.

**Chinese 303 History and Technique of "Tsu", and the
Selections of Famous Authors** 3 credit hours

詞史詞學詞選

講述唐宋以來之派別源流及其體製聲律諸原
則選讀唐宋五代溫韋二王兩宋周秦蘇辛各家
之著作

課本

詞林記事 歷朝詞選

Elective.

**Chinese 305 Outline Study of Chinese Philosophy and
Classics** 3 credit hours

經子通論

講授羣經之源流諸子之要略注重於閱讀校勘
之方法

課本

陳漢章經學通論 皮錫瑞經學歷史
陳鐘凡諸子通誼 孫德謙諸子通考

Elective.

Chinese 306 Selected "Fu" and "Pien Wen" 3 credit hours

賦及駢文

順序講古賦律賦文賦兼及唐以來之駢文

課本 講義

Elective.

Chinese 307 Chinese Fiction

2 credit hours

小說

講述中國小說之派別及其演變以各時期代表
作品爲例證並概論小說之體制及其作法

課本

中國小說史 范煙橋編
小說作法綱要 全上

Elective.

Chinese 308 Chinese Fiction

2 credit hours

小說

講述中國小說之流變及其理論介紹歐美及國
內名作探討其原理研究其作法

課本

小說概論 范煙橋編
小說原理 陳穆如編

Elective.

Chinese 311 New Chinese Literature

2 credit hours

中國新文學上

總論中國新文學發生之背景與經過俾學者對
於本課能得一大概之觀念

課本 講義

Elective.

Chinese 312 New Chinese Literature

2 credit hours

中國新文學下

分論中國現代詩歌小說散文戲劇批評俾學者
對於本課能作進一步之研究

課本

講義

Elective.

Chinese 405 Studies on Ancient Relics and Tablet Writings

3 credit hours

碑板及古器物學

以講明考古學大意並石刻及古器之源流考證
及編目之方法爲主

課本

葉昌熾語石 羅振玉古器物研究議 張鳳考
古學概論

Elective.

Chinese 406 History of "Chu" and Its Technique

3 credit hours

曲史曲律曲選

先述南北曲之流變及其律呂製曲諸原則再精
選元人著作講習之

課本

顧曲塵談 元曲選

Elective.

Chinese 408 Critical Study of Selected Works of Chinese Literature

3 credit hours

專集研究

上自楚辭下及漢唐宋以來名家詩文別集任擇
一二種爲沈潛之研究

課本

臨時指定

Required for a minor in Literature.

Chinese 409 Chinese Bibliography

3 credit hours

目錄學

以講明雕板源流書目類別校讎通義輯佚方法
藏書大要爲主

課目

孫慶增藏書紀要 張毓修中國影版源流考

Elective.

ECONOMICS

Special requirements

Major:

Economics 201 Principles of Economics... ..	3 credit hours
" 301 Principles of Money	3 " "
" 302 Commercial and Investment Banking	3 " "
" 303 Foreign Exchange	3 " "
" 304 Public Finance	3 " "
" 305 Labor Problems	3 " "
" 306 Business Finance	3 " "
" 307 Economic History of the West	3 " "
" 308 Economic History of China ...	3 " "
" 402 Economic Theories... ..	3 " "

Minor:

Economics 201 Principles of Economics... ..	3 credit hours
" 307 Economic History of the West	3 " "
" 308 Economic History of China ...	3 " "
" 402 Economic Theories... ..	3 " "

One 3 credit hour course in this department.

Economics 201 Principles of Economics 3 credit hours

A study of the fundamental concepts of wealth, wants, goods, utility, value, price, cooperation, socialism, money, banking, foreign exchange, price level, monopolies, trusts, labor problems, railroad problems, etc.

Text: Ely, Outlines of Economics.

Economics 301 Principles of Money 3 credit hours

This course covers seven chapters: 1. Money 2. Coinage 3. Paper money 4. Monetary standards 5. Silver movement 6. Price level 7. Monetary problems in China.

Text: Kinley, Money.

Economics 302 Commercial and Investment Banking

3 credit hours

This course covers seven chapters: 1. Credit 2. Commercial Banking 3. Banking systems 4. Investment Banking 5. Savings Bank 6. Trust companies 7. Banking problems in China.

Text: Willis and Edwards, Banking and Business.

Economics 303 Foreign Exchange 3 credit hours

This course covers the nature, functions and types of bills of exchange, speculation, arbitrage, foreign investment, balance of trade, principles and rates of exchange, gold points, foreign credits, exchange markets, domestic and foreign exchange problems in China.

Text: Whitaker, Foreign Exchange.

Economics 304 Public Finance 3 credit hours

A general survey of the development and classification of public revenues and expenditures, the essentials, classification, functions, limits, principles, shifting, incidence, justice and effects of taxation, public domain, public industries, public property, fees, special assessments, excess condemnation, central and local finance, public credit, public budget, etc.

Text: Lutz, Public Finance.

Economics 305 Labor Problems 3 credit hours

This course covers problems of child labor, woman labor, alien labor and sweating system, various forms of industrial conflicts, organized labor, employers associations, agencies of industrial peace, and solutions of labor problems.

Text: Carlton, Labor Problems.

Economics 306 Business Finance 3 credit hours

A study of the general principles of business finance, including the raising and maintenance of capital, the issue, classification and redemption of securities, the estimation of income and expense, the ascertaining and distribution of profits, price determination, holding,

insurance, credit extension, collections, economics in purchasing, production, transportation, storage, advertising, and selling, embarrassment, insolvency, bankruptcy, receivership, reorganizations, etc.

Text: Bishop, The Financing of Business Enterprises.

Economics 307 Economic History of the West 3 credit hours

This course covers the economic development of the United States, England, Germany, France and other European countries since their national beginnings. Special emphasis is placed on their agricultural, industrial and commercial developments since 1800.

Text: Ogg, Economic Development of Modern Europe.

Economics 308 Economic History of China 3 credit hours

A study of the different phases of economic development since the three dynasties. Special emphasis is placed on the agricultural, industrial and commercial developments since the adoption of the open door policy.

A reading course: No text.

Economics 309 Elementary Accounting 3 credit hours

Lecture: 2 hours. Laboratory: 2 hours.

This course covers the origin, scope, principles, functions, classes, and systems of accounting, the journal, the cash book, the sales book, the purchase book, the ledger, the meaning, classification, order, form, purpose, opening, posting, balancing, closing, rulings, and transferring of accounts, the trial balance, the adjustments, the work sheet, the profit and loss statement, the balance sheet, the columnar books and specific problems in accounting.

Text: Kester, Accounting Theory and Practice. Volume I.

Economics 402 Economic Theories 3 credit hours

A study of the economic theories of different schools since the time of mercantilism.

Text: Haney, History of Economic Thought.

EDUCATION

Minor:

Education 231 An Historical Survey of Chinese

Civilization 3 credit hours

Education 232 Introduction 3 credit hours

Education 331 Method of Middle School Teaching 3 credit hours
and 5 other credit hours

Students majoring in Education and taking a first minor in one of the sciences will choose a second minor in another science. If choosing the first minor in an arts subject the second minor will be in an arts subject also.

Education 100

2 credit hours

This is an elective for Freshman. The purpose of the Course is to acquaint the entering student with the principles which underly efficient study.

Text: Werner, Every College Student's Problems.

Education 203 Educational Psychology 3 credit hours

The purpose of this course is to acquaint prospective teachers with psychological principles involved in successful teaching. The course will deal with the nature, extent and cause of individual differences, their measurement and significance, relationships of psychological capacities, and the progress and permanence of learning.

Education 231 An Historical Survey of Chinese Civilization 3 credit hours

It is the purpose of this course to give a brief historical survey of Chinese education, picturing its rise, struggle for existence, and growth; and to show the successive steps in the emancipation of the individual and in the perpetuation of civilization through educational institutions. This course is given in Chinese.

Required for a major or a minor in Education.

Education 232 Introduction to Education 3 credit hours

An introduction to the essential principles of the science of Education, and a general survey of current practices in school work.

Text: Thorndike and Gates, Elementary Principles of Education.

Required for a major or a minor in Education.

Education 303 Psychology of the Abnormal 3 credit hours

This course gives a critical survey of the more important facts of the abnormal mental life and to show how the abnormal is related to the normal.

Education 304 Comparative Psychology 3 credit hours

This is a study of animal behavior in relation to human and a study of the evolution of the learning process.

Prerequisite: General Psychology.

Education 306 Individual Differences 2 credit hours

This course deals with the causes of individual differences. The discussions will include race, age, sex differences, the influence of exercise, etc. Special emphasis will be given to differences in mental traits.

Prerequisite: General Psychology.

Education 331 Methods of Middle School Teaching

3 credit hours

A study of methods, devices, and technique in modern middle school teaching practice.

Text: Douglass, Modern Methods in High School Teaching.

Required for a major or a minor in Education.

Education 342 Sociological Basis of Middle School Teaching

3 credit hours

This course is intended to provide an acquaintance with the sociological background out of which school practices take their form. Especial investigation will be made of the relations of education to social welfare, and the place of education in society.

Text: Peters, Foundations of Educational Sociology.

Required for a major or a minor in Education.

Education 351 History of Western Education 3 credit hours

In this course we shall trace the origin and development of the ideals, practices, and institutions characterizing western education. We shall seek to discover these elements in western education which seem to offer suggestions toward the solution of China's modern educational problems.

Education 352 Organization and Administration of Secondary Schools 3 credit hours

This course deals with the work of the secondary school principal in organizing and administering a secondary school. Some of the important topics for discussion are: selecting and assigning the staff, construction of the schedule, organization of curriculum, supervision of instruction, discipline, and guidance of pupil activities.

Prerequisite: Principles of Education.

Text: Monroe, History of Education.

Education 443 Methods of Teaching English in the Middle School 3 credit hours

This course covers the following in order: principles of language study; principles of language teaching; modern methods of teaching languages, with special reference to English; the place of English in Chinese middle school curriculum and the aims of teaching it; the teacher's self-cultivation and professional training, methods of teaching reading, composition, grammar, spelling, vocabulary, and penmanship, and critical examination of representative types of current English textbooks. Study of special problems. Classroom visitation and report.

Bibliography.

References: Famer, The Principles of Language Study.

Handschin, Methods of Teaching Modern Languages.

Fancett, The Teaching of English in the Far East.
Gage, The Teaching of English in Chinese Schools.

Required of students taking a major in Education and a minor in English.

Education 444 Teaching of Sciences in Middle Schools

2 credit hours

The course will include a consideration of the aims, the selection of materials, and the application of pedagogical principles to the teaching of sciences in the middle school.

Text: Twiss, Science Teaching.

Required of students taking a major in Education and a minor in the Physical Sciences, or vice versa.

Education 445 The Teaching of Mathematics in High School

2 credit hours

This course will be devoted to the study of current practices in curricular organization of high school mathematics, and the methods of teaching different units of the subject. Opportunities for practice teaching in the subject will also be provided.

Text: Schultze, The Teaching of Mathematics in Secondary School.

Education 446 Methods in Teaching Biology 1 credit hour

A laboratory course, presented under the direction of the entire biology staff of the college and the middle school, dealing with some of the usual problems of middle school biology, as indicated by the following list:—methods in laboratory preparations; collections; field trips; laboratory outlines; book lists for the library; and texts in Chinese.

This course is open to seniors who are taking a major or a minor in biology, and to others by special arrangement with the teacher in charge.

Required of students taking a major in Education and a minor in Biology, or vice versa.

Education 447 Tests and Measurements in Secondary Education

3 credit hours

A study is made of individual and group tests of intelligence with reference to their applicability to middle school. This is followed by a study of standardized tests of achievement in middle school subjects. Test construction, standardization, administering and scoring, constitute a considerable part of the course. Course method includes lectures, class discussions, reports, and practical work with tests.

Texts: Symonds, Measurement in Secondary Education.

Liao and Chen, Outlines of Measurements.

Required for a major in Education.

Education 448 Statistics in Education 3 credit hours

This course presents the most important ideas and methods of statistics applied to education. Treating in detail the following topics: collection, tabulation and graphic presentation of material, averages, standard deviation, shewness and correlation, etc.

ENGLISH

The major in "Literature" combines both Chinese and English literature, whereas the minor is a separate minor in English or in Chinese.

All Freshmen will be required to take an entrance and a classification examination in English. Those students whose preparation is deemed inadequate will be required to take sub-freshman English without credit. Students who show unusual proficiency in the examinations will be exempted from English 101 and will be allowed to substitute an equal number of hours of elective work in English.

Minor in English. The required courses (English 101, 102, 201, 202) and fourteen additional hours, among which must be included English 401 and 402.

Sub-freshman English no credit

For students who fail to meet the entrance standards.

English 101-102 Freshman English Both terms 5 hours-4 credits

This course is designed to give the students a working knowledge of English. A thorough drill in the essentials of grammar is supplemented by composition work and selected readings in prose and poetry. One hour a week is devoted to laboratory work with drill in the elimination of typical errors in grammar, idiomatic usage, and speech.

Texts: Dakin, "The Mastery of the Sentence".

Kies, "Handbook of Composition."

Modern essays. Selections from English Literature.

English 201 Sophomore English 3 credit hours

Composition, with particular attention to exposition, parallel reading in essays on current themes.

Texts: Jones: "Practical English Composition."

Beaty, Lamar, Leisy, "Facts and Ideas."

English 202 Sophomore English 3 credit hours

Introduction to literature. A survey course intended to furnish a background for the study of special types of literature, with detailed study of several masterpieces.

Texts: Shakespeare, "Hamlet;" Eliot, "Adam Bede"; Zucker,

"The Romantic Poets"; The familiar essays; Huizinga, "One-Act Plays".

English 303 Essays 2 credit hours

A study of nineteenth century essay and current periodical literature.

Not given in 1933-1934.

English 304 The Romantic Movement in English Poetry

2 credit hours

Not given in 1933-1934.

English 305-306 Translation 4 credit hours

This course is designed primarily for students of sufficient proficiency in the Chinese language who look forward to do translation work.

English 307 Classical Literature 2 credit hours

A study of master-pieces of Greek and Roman literature in English translation, with special reference to the contribution of ancient civilization to modern thought.

Text: Zucker, "Western Literature — Greece and Rome."

English 308 The Bible as Literature 2 credit hours

A study of literary value and religious significance of the Bible, with special emphasis on its poetry and prophecy.

English 320 Public Speaking 1 credit hour

English 322 The Modern Short Story 3 credit hours

English 324 Modern Drama 3 credit hours

A study of representative plays with special attention to the function of drama in interpreting modern thought and changing social conditions.

English 401 Shakespeare 3 credit hours

A study of representative plays in connection with the English and European Background.

English 402 Survey of English Literature 3 credit hours

A study of representative selections and their historical, social, and literary settings.

Text: Snyder and Martin, "A Book of English Literature".

English 405 Composition Correction 1 credit hour

Recommended for students who plan to teach English.

English 406 Directed Reading 1 credit hour

Open only to students majoring in literature.

G E R M A N

German 301-302 Elementary German 10 credit hours

Studies in grammar, reading, composition, conversation, and dictation will comprise this course.

No prerequisites.

Texts: 301—Deutsche Sprache fuer Chinesen, von Sander,
302—Deutsche Lesebuch fuer Chinesen, von Sander,
I. Bd.

NOTE: This is a continuous course - incomplete at the end of fall term. Five class hours per week for two terms.

German 401-402 Second Year German - Grammar and Reading 8 credit hours

Continuation of the study of grammar and syntax, dictation, composition, and conversation. Selected reading from modern authors.

Prerequisite: German 301-302.

Texts: 401—Deutsches Lesebuch fuer Chinesen, von Sander,
II. Bd.

Deutsches Grammertik, von Krause.
402—Kinder and Hausmaerchen, von Brueder Grimm.
Deutsches Grammertik, von Krause.

NOTE: Elective, and complete each term. Four hours per week.

HISTORY

Major:

History 231 Ancient History of China	...	...	2 credit hours
" 232 Medieval History of China	...	...	2 " "
" 235 English History	...	...	3 " "
" 238 American History	...	...	3 " "
" 331 Modern History of China	...	...	3 " "
" 332 China in the Last Hundred Years	...	...	3 " "
" 334 Europe Since 1815	...	...	3 " "
" 342 History of Chinese Civilization	...	...	3 " "
" 441 Study of Critical Works on History	...	...	2 " "
" 443 History of Western Civilization	...	...	3 " "

Minor:

History 235 English History	...	...	3 credit hours
" 238 American History	...	...	3 " "
" 332 China in the Last Hundred Years	...	...	3 " "
" 334 Europe Since 1815	...	...	3 " "
" History elective	...	...	3 " "

History 113-114 World History ... 3 credit hours

The aim of this course is to survey briefly the whole field of history and to lay special emphasis on those events and movements in each period which help to explain contemporary civilization.

Text: Hayes, Moon and Wayland, World History.

Required of all Art students.

History 231 Ancient History of China 2 credit hours

A study of the ancient history of China from prehistoric time on through the Chow Dynasty, with special attention paid to the economic, social and political development.

Text: 中國史 王桐齡編

Required of all students majoring in History.

History 232 Medieval History of China 2 credit hours

A continuation of History 231, studying the development of the economic, social, and political institutions from the Ching Dynasty through the Tang and the Sung Dynasties.

Text: Same as History 231.

Required of all students majoring in History.

History 235 English History 3 credit hours

A study of the social and political institutions of early, medieval and modern England, the industrial revolution, the rise and development of the cabinet system, colonial enterprises, British imperialism, and England in the War of Nations.

Text: Dietz, Political and Social History of England (Revised)

Required for a major or a minor in History.

History 238 American History 3 credit hours

This course gives a general survey of the history of the United States since the discovery of America. Emphasis is placed upon political, social and economic changes that have taken place since 1776.

Text: Bassett, A Short History of the United States (Revised)

Required for a major or a minor in History.

History 324 Modern History 3 credit hours

This course is the same as 113-114 except briefer.

Text: Hayes and Moon, Modern History.

Required of all Science students.

History 331 Modern History of China 3 credit hours

While reserving the study of China in the last hundred years for another course to follow, this course takes up the study of the History of China in the important period of the Yuan, Ming and Ching dynasties.

Text: Same as courses 231-232.

Required of all students majoring or minoring in History.

History 332 China in the Last Hundred Years 3 credit hours

This course deals with the political changes, foreign relations, and the rise and fall of national power since the "Opium War."

Text: 陳懷編中國近百年史要 陸功甫編最近三十年史

Required for a major or a minor in History.

History 334 Europe Since 1815 3 credit hours

This course gives the recent background of contemporary Europe, and emphasizes not only the political, social and economic developments, but also the cultural life of the people.

Text: Hayes, Political and Cultural History of Modern Europe. Vol. 2.

Required for a major or a minor in History.

History 342 History of Chinese Civilization 3 credit hours

The development of Chinese civilization from remote antiquity down to the present day.

Text: 李繼煌譯中國文化史

Required for a major in History.

History 343 History of the Chinese People 3 credit hours

An account of the rise and development of the various races in the Chinese Empire.

Text: 王桐齡譯中國民族史

History 355 The Development of the British Empire 3 credit hours

The development of the English constitution and liberties, the growth and government of the colonial empire, and the organization and problems of empire.

Text: Robinson, The Development of the British Empire.

History 361 History of Japan 2 credit hours

The social and economic progress of Japan since the revolution, her political and foreign relations, especially with China, and her rise to the rank of a great power.

Text: 陳恭濤編日本全史

History 362 History of Korea 2 credit hours

The rise and fall of Korea and her relations with China.

Text: Lectures.

History 363 History of India 2 credit hours

A brief survey of Indian civilization including the progress and problems of India under British rule, and the movement of nationalism.

Text: Lectures.

History 401 Recent Diplomatic History of China 2 credit hours

This course deals with China's relations with foreign powers and the League of Nations.

Text: To be selected.

History 441 Critical Study of Works on History 2 credit hours

A study of the origin, form, and organization of Chinese historical works.

Text: 梁啓超著中國歷史研究法

Required for a major in History.

History 443 History of Western Civilization 3 credit hours

The origins of Western civilization; the development of thought and institutions.

Text: Thorndike, A Short History of Civilization.
Required for a major in History.

History 451 History of Chinese Geographical Changes 2 credit hours

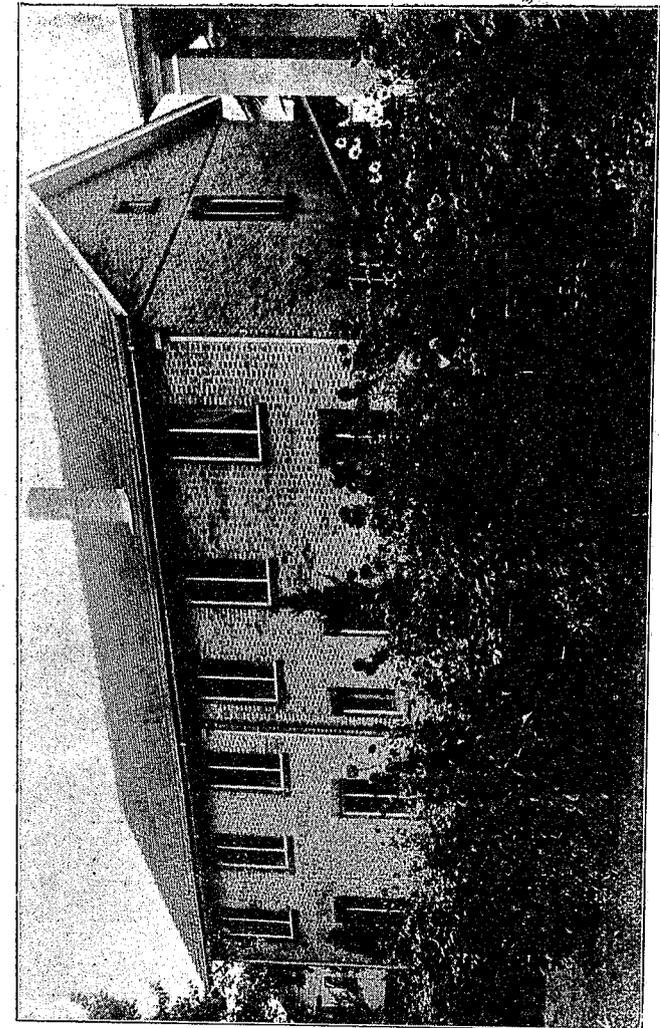
This course treats the geographical changes throughout the dynasties.

Text: To be selected.

History 452 History of Chinese Art 2 credit hours

This course deals with the history of Chinese architecture, engraving, drawing, etc.

Text: Lectures.



A Section of Girl's Dormitory

HOUSEHOLD ARTS

Household Arts 201-202 Drawing and Design 2 credit hours

A study of the principles of color harmony, of rhythmic and balanced arrangement. Working on posters, illustrations, magazine covers, and wall-hangings.

Household Arts 203-204 Art Appreciation 2 credit hours

An elementary course designed for those who wish to gain a general understanding of art and its relation to life; involving a consideration not only of the fine arts so-called, but also of other significant forms of human expression. A brief study of the purpose and beauty of art, architecture, sculpture, and painting.

Household Arts 205-206 Music Appreciation 2 credit hours

This course is not technical in nature, but is designed to meet the needs of students wishing to acquire an intelligent appreciation of the art of music. It provides a series of illustrated lectures, based on the study of standard compositions. Aside from laying a thorough foundation in the theoretical principles of appreciation, this course effectively widens a student's horizon by furnishing valuable acquaintanceship with a great number of important works.

Household Arts 207-208 Vocal Training 1 credit hour

A course of deep breathing, together with the formation of pure vowel sounds and consonants, and varied study of scales and vocalises.

Household Arts 301 The Principles of Food Preparation 2 credit hours

A study of foods and their values, the dietary and its importance, and the elementary principles underlying the preparation of wholesome food. Laboratory fee, \$5.00 each term.

This course is given throughout the year.

No text required,

One two-hour laboratory period each week.

Household Arts 302 Home Making and Interior Decorating 2 credit hours

A study of the home with reference to the following aspects: management, sanitation, budgeting of accounts, house planning, selection of furniture, practical and artistic decorations, children's clothing. Laboratory fee, \$2.50 each term.

This course is given throughout the year, alternating by years, with course 301-302.

No text required.

One two-hour laboratory period each week.

NOTE: 1—The course in Home Economics will be limited to classes of twenty-four students.

NOTE: 2—Credit will be given for each term separately; but no one may be admitted to the second term's course, without having had the first term's course.

J A P A N E S E

Japanese 301-302 Elementary Conversation and Reading Course 10 credit hours

NOTE: This is a continuous course—incomplete at the end of fall term.

Five class hours, two terms.

Japanese 401-402 Conversation and Reading Course 4 or 8 credit hours

This course is intended to give the student a reading knowledge of "newspaper" Japanese, and an ability to read scientific writings.

NOTE: This course is elective, and complete at the end of each term. Four class hours.

L A W

Courses required for a minor in Law:

Law 102	Elements of Law	...	...	...	3	credit hours
„ 211	Jurisprudence	...	...	...	2	„ „
or						
Law 214	Anglo-American Criminal Law	2	„	„		
„ 207 & 208	General Principles of Civil Law	...	...	...	4	„ „
„ 209	General Principles of Criminal Law	...	...	...	3	„ „
„ 210	Criminal Law (Particular Crimes)	...	...	...	3	„ „

Law 101 Chinese Court Organization 1 credit hour

A study of the laws governing the organization of the Chinese Judiciary: the grades, organization, functions and jurisdiction of courts, the appointment and removal of judges and procurators; the remuneration and discipline of judicial officers; judicial trial and administration.

Text: Shau, Law Governing the Organization of Courts.

Law 102 Elements of Law 3 credit hours

An introductory course for the study of law to acquaint prospective legal students with the function and organization of the courts, the problems with which law has to deal, and elementary knowledge of its leading rules.

Text: Terry, First Principles of Law.

Required for a minor in Law.

Law 104 History of Chinese Legal Institutions 2 credit hours

A brief survey of the development of Chinese legal institutions. Emphasis is placed on the principles underlying the Chinese legal system.

Text: Chu, History of Chinese Legal Institutions.

Law 106 Documentary Chinese 1 credit hour

This course is intended to train the student in the drafting of petitions, public notices, instructions and other forms of official correspondence.

Text: Chu, Outlines in Documentary Chinese.

Law 201 Comparative Constitutions 2 credit hours

A comparative study of the types, scope, creation and development of constitutions; the various forms of constitutional government; the constitutional development of the leading countries in the West and the tendency of modern constitutions.

Text: Ting, Comparative Constitutions.

Law 202 Comparative Constitutions 2 credit hours

This is a continuation of the previous course. It involves a study of the organizations, functions and relation of the executive and legislative departments, the judiciary, the financial system, the bill of rights, etc., etc.

Text: Ting, Comparative Constitutions.

Law 203 Principles of International Law 3 credit hours

Same as Political Science 403.

Law 204 Cases in International Law 3 credit hours

Same as Political Science 404.

Law 205 China's Constitutional Development 3 credit hours

Same as Political Science 301.

Law 207 and 208 General Principles of Civil Law 4 credit hours

A study of the first portion of the Chinese Civil Code, dealing with General Principles.

Text: Yu, Essentials in Civil Law.

Required for a minor in Law.

Law 209 General Principles of Criminal Law 3 credit hours

This course aims at a critical study of the rules and principles found in the first section of the Chinese Criminal Code, dealing with General Principles.

Text: Chao, Principles of Criminal Law.

Required for a minor in Law.

Law 210 Criminal Law (Particular Crimes) 3 credit hours

In this course the nature of different crimes is analyzed. The study will be based upon the section of the Chinese Criminal Code dealing with Particular Crimes.

Law 211 Jurisprudence 2 credit hours

A study of the fundamental legal concepts and a systematic survey of the general principles of law and its administration. It deals with the science of Jurisprudence, the nature of Law, the administration of justice, the theory of legislation, the conception of rights, ownership, possession, persons, titles, the nature and conditions of liability, and the law of property, obligation and procedure.

Text: Salmond, Jurisprudence.

Law 212 Law of Criminal Procedure 3 credit hours

A critical study of the Chinese Law of Criminal Procedure.

Text: Tai, Law of Criminal Procedure.

Required for a minor in Law.

Law 213 Parliamentary Law 1 credit hour

The purpose of this course is to make a study of the rules and regulations that are being enforced in the legislative chambers of mo-

dern states, dealing with motions, debate, the voting system, nomination and election, the committee system, discipline, etc., etc.

Law 214 Anglo-American Criminal Law 2 credit hours

A study of the general principles of Anglo-American Criminal Law and the distinctive features in its procedure. It deals with such topics as the nature of a crime, the theory of liability, the definitions of particular crimes, rules of evidence, criminal procedure and court organization.

Texts: Kenny, Outlines of Criminal Law.
Kenny, Cases on Criminal Law.

MATHEMATICS

Required courses for a minor in Mathematics.

Mathematics 261-262 Differential and Integral
Calculus 6 credit hours
Mathematics 381 Differential Equations ... 3 credit hours
Advanced courses, numbered above 300... .. 5 credit hours

Mathematics 101 Introduction to Mathematical Analysis
5 credit hours

A systematic study of different modes of variation, the exact relations between varying quantities, and easy methods of making whatever calculations may be necessary in such work. The aim of this course is to provide mathematical tools adequate for many kinds of scientific work, business administration, medicine, the social sciences, etc., and to give a clear general idea of the nature, power, and uses of modern mathematics.

Prerequisite: Entrance mathematics.

Text: Griffin, Introduction to Mathematical Analysis, or similar text.

Will not be counted toward a minor in Mathematics.

Mathematics 261-262 Differential and Integral Calculus
6 credit hours

Differentiation and integration of algebraic, trigonometric and other transcendental functions are taken up in detail. Special emphasis is laid on the application of the calculus to every sort of scientific study; and a brief introduction is given to the subject of differential equations.

Prerequisite: Mathematics 101.

Text: Granville, Differential and Integral Calculus.

Required for a minor in Mathematics.

Mathematics 330 Advanced Algebra 3 credit hours

Ratio and proportion, progressions, permutation and combination, binomial theorem, series, partial fractions, indeterminate equations, and brief introduction to the theory of equations.

Prerequisite: Mathematics 101.

Text: Hall and Knight, Higher Algebra, or similar text.

Given in alternate years.

Mathematics 360 Differential and Integral Calculus 3 credit hours

A continuation of 261-262, taking up problems in Differentiation and Integration in more detail.

Prerequisite: Mathematics 261-262.

Mathematics 381 Differential Equations 3 credit hours

A brief introduction to some of the devices employed in solving different equations.

Prerequisite: Mathematics 261-262.

Text: Conen, Differential Equations, or similar text.

Required for a minor in Mathematics.

Mathematics 402 Vector Analysis 3 credit hours

Algebraic combinations of vectors, differentiation and integration of vector functions, Green's and Stokes' theorems, potential functions, and applications to geometry and physics.

Prerequisite: Mathematics 261-262.

Text: Coffin, Vector Analysis.

Given in alternate years.

Mathematics 460 Advanced Calculus 3 credit hours

Selected topics.

Prerequisite: Mathematics 360 and 381.

References: Osgood, Advanced Calculus; Wilson, Advanced Calculus,

Given in alternate years.

Applied Arts 375-376 4 credit hours

A first course in orthographic, isometric and oblique projections. Other topics studied are lettering, sections, auxiliary views, rotations, developments, intersections, and the elements of architectural drawing.

Prerequisite: Noce.

Text: French, Mechanical Drawing, or similar text.

Four laboratory hours, two terms. Incomplete at the end of first term.

MILITARY TRAINING

Military Training 111-112 3 credit hours

Required of all groups.

Military Training 211-212 3 credit hours

Required of all groups.

PHILOSOPHY

Courses required for a minor in Philosophy:

Minor:

Philosophy 201-203	Chinese	...	...	4 hours
"	204	Logic	...	3 hours
"	311-312	Western	...	6 hours
"	301 or 307 or 405	...	...	2 hours

Philosophy 100 A Survey of the Major Subjects

2 credit hours

An orientation course which aims to lead the student to a better acquaintance with the fields of knowledge and the scientific methods, being an introduction to the major branches of science and philosophy.

Philosophy 101 Introduction to Western Philosophy

2 credit hours

A general introduction to Western Philosophy, with emphasis on the evolution of philosophical thought, and a critical examination of the proposed solutions for the philosophical problems.

Text: Brightman: An Introduction to Philosophy
(Chinese translation)

Lectures and recitations.

Required of all Arts Students.

Philosophy 102 History of Chinese Philosophy

2 credit hours

A critical survey of the main currents of Chinese Philosophical thought.

Text: Hu Shih: Outlines of History of Chinese Philosophy
Vol. I.

Lectures, recitations, and collateral readings.

Required of all Arts students.

Prerequisite: Philosophy 101.

Philosophy 203 Introductory Psychology 3 credit hours

A foundation course, designed to introduce the student to the methods of study and the established facts and principles. Textbook study, lectures and reports on parallel reading. Three hours a week, fall term.

Text: Gates: Elementary Psychology, (Rev. Ed. 1928).

Required of all groups.

Philosophy 204 Beginners' Logic 3 credit hours

A brief course, covering both deductive and inductive methods, with as little of the traditional machinery as practicable. The aim is to guide the student to straight thinking, and to ground him in the principles underlying scientific procedure. Textbook, class discussions and exercises. Three hours a week, spring term.

Text: Dotterer: Beginner's Logic.

Required for a minor in Philosophy, and for the Pre-legal group.

Philosophy 302 Ethics 3 credit hours

The course is an inquiry into the nature and organization of the good life. It is based on the established facts of anthropology and of individual and social psychology. Various systems more or less prevalent in East and West in the past are considered comparatively with a view to finding those principles that have survived ephemeral situations and give promise of meeting the needs of the present. Textbook study, class discussions, lectures and parallel reading. Three hours a week, spring term.

Text: Wright: General Introduction to Ethics.

Required of all groups.

Philosophy 305 History of Ancient Chinese Philosophy

3 credit hours

A comprehensive survey of Chinese philosophical speculations from the earliest Chinese thinkers to the Middle Ages.

Text: 暨南趙開坪譯日人所著本

Textbook study, lectures, and assigned readings.

Three hours a week, first semester.

Philosophy 306 History of Medieval Chinese Philosophy

3 credit hours

A course designed to trace the development of Chinese philosophical systems in the Middle Ages, with special reference to Confucianism, Taoism, and Buddhism.

Text: Same as course 305.

Textbook study, lectures, and prescribed readings.

Three hours a week, second semester.

**Philosophy 307-308 Philosophy of the Sung and Yuan
Dynasties**

4 credit hours

A systematic study of the basic problems of metaphysics as treated by the great Sung and Yuan thinkers, and their outlooks on life in relation to other cultural tendencies of the times.

Text: Fung Yu-lang: History of Chinese Philosophy.

Textbook study, lectures, and reports on parallel readings.

Two hours a week, two semesters.

Philosophy 311 Introduction to Philosophy 3 credit hours

An intensive study of the major systems of Western philosophy. The aim of the course is to acquaint the student with philosophical methods of thinking, so that he may be better equipped to organize his own world into a consistent and unified whole.

Text: Hocking: Types of Philosophy.

Textbook study, lectures, and reports on parallel readings.

Three hours a week, first semester.

Required for a minor in Philosophy.

Philosophy 312 History of Western Philosophy

3 credit hours

A brief study of the various schools of thought in the West.

Text: Durant, the Story of Philosophy.

Required for a minor in Philosophy.

PHYSICAL EDUCATION

Physical Education 111-112 2 credit hours

Required of all groups. (See pages 103 and 104)

Physical Education 211-212 2 credit hours

Required of all groups. (See pages 105 and 106)

Physical Education 113 Swimming 1 credit hour

This course is offered only in Summer School.

Physical Education 210 Personal and Community Hygiene

3 credit hours

This course consists of lectures, recitations and demonstrations concerning those phases of health which should be understood by all college students. It aims to give the fundamental principles and practices for personal health habits as well as a scientific approach to the problems of health and its relation to life. It deals chiefly with the questions of health values, the hygiene of nutrition, the hygiene of action, the hygiene of the central nervous system, the hygiene of reproduction, the hygiene of the mouth, communicable diseases and their prevention, food control, water supply, waste disposal, school and industrial hygiene.

SOOCHOW UNIVERSITY

PHYSICAL EFFICIENCY TESTS FOR FRESHMEN

PHYSICAL TRAINING III

Reg. No.....Name.....Date.....
 Age.....Height.....Weight.....
 Specialization.....

EVENTS	1 pt.	2 pts.	3 pts.	4 pts.	5 pts.	Records
1. Shot Put (12 lbs)	14'	18'	22'	26'	30'	
2. 100 Meters Dash	17 ^s	16 ^s	15 ^s	14 ^s	13 ^s	
3. Push Up	13 ^T	17 ^T	21 ^T	25 ^T	29 ^T	
4. 400 Meters Run	100 ^s	95 ^s	90 ^s	85 ^s	80 ^s	
5. Javelin Throw	35'	45'	55'	65'	75'	
6. Dipping (on Parallel Bars)	1 ^T	4 ^T	7 ^T	10 ^T	13 ^T	
7. 200 Meters Low Hurdle	54 ^s	50 ^s	46 ^s	42 ^s	38 ^s	
8. Discus Throw	25'	35'	45'	55'	65'	
9. Chinning	1 ^T	3 ^T	5 ^T	7 ^T	9 ^T	
10. Hop Step and Jump	18'	21'	24'	27'	30'	
11. Bar Vault (Chest High)	Over No form	Over Slight form	Over Mod- erate F.	Over Consi- derable F.	Over Extreme F.	
12. Rope Climbing (15 ft)	23 ^s	19 ^s	15 ^s	11 ^s	7 ^s	
13. High Dive	1'6"	2'0"	2'6"	3'0"	3'6"	
14. Order & Leadership	Very Slight	Slight	Mod- erate	Consi- derable	Extreme	
15. Costume & Appearance	"	"	"	"	"	
16. Posture & Self-Control	"	"	"	"	"	
17. Hygienic Habits of Life	"	"	"	"	"	
18. Knowledge of Athletics and Games	"	"	"	"	"	
19. Enthusiasm in Physical Activities	"	"	"	"	"	
20. Sportsmanship.	"	"	"	"	"	

Note: M = Minute; S = Second; ' = Feet; " = Inch; T = Time; F = Form.

SOOCHOW UNIVERSITY

PHYSICAL EFFICIENCY TESTS FOR FRESHMEN

PHYSICAL TRAINING 112

Reg. No.....Name.....Date.....
 Age.....Height.....Weight.....
 Specialization.....

EVENTS	1 pt.	2 pts.	3 pts.	4 pts.	5 pts.	Records
1. Shot Put (12 lbs)	15'	19'	23'	27'	31'	
2. 100 Meters Dash	16 8/10 ^s	15 8/10 ^s	14 8/10 ^s	13 8/10 ^s	12 8/10 ^s	
3. Push Up	15 ^T	19 ^T	23 ^T	27 ^T	31 ^T	
4. 400 Meters Run	95 ^s	90 ^s	85 ^s	80 ^s	75 ^s	
5. Javelin Throw	40'	50'	60'	70'	80'	
6. Dipping (Parallel Bars)	2 ^T	5 ^T	8 ^T	11 ^T	14 ^T	
7. 200 Meters Low Hurdle	53 ^s	49 ^s	45 ^s	41 ^s	37 ^s	
8. Discus Throw	28'	38'	48'	58'	68'	
9. Chinning	2 ^T	4 ^T	6 ^T	8 ^T	10 ^T	
10. Hop Step and Jump	20'	23'	26'	29'	32'	
11. Bar Vault (Chest High)	Over No form	Over Slight form	Over Moderate F.	Over Considerable F.	Over Extreme F.	
12. Rope Climbing (15 ft)	18 ^s	15 ^s	12 ^s	9 ^s	6 ^s	
13. High Dive	1'8"	2'2"	2'8"	3'2"	3'8"	
14. Order & Leadership	Very Slight	Slight	Moderate	Considerable	Extreme	
15. Costume & Appearance	"	"	"	"	"	
16. Posture & Self-Control	"	"	"	"	"	
17. Hygienic Habits of Life	"	"	"	"	"	
18. Knowledge of Athletics and Games	"	"	"	"	"	
19. Enthusiasm in Physical Activities	"	"	"	"	"	
20. Sportsmanship.	"	"	"	"	"	

Note: M = Minute; S = Second; ' = Feet; " = Inch; T = Time; F = Form.

SOOCHOW UNIVERSITY

PHYSICAL EFFICIENCY TESTS FOR SOPHOMORES

PHYSICAL TRAINING 211

Reg. No.....Name.....Date.....
 Age.....Height.....Weight.....
 Specialization.....

EVENTS	1 pt.	2 pts.	3 pts.	4 pts.	5 pts.	Records
1. Shot Put (12 lbs)	16'	20'	24'	28'	32'	
2. 100 Meters Dash	16 6/10 ^s	15 6/10 ^s	14 6/10 ^s	13 6/10 ^s	12 6/10 ^s	
3. Push Up	17 ^T	21 ^T	25 ^T	29 ^T	33 ^T	
4. 400 Meters Run	90 ^s	85 ^s	80 ^s	75 ^s	70 ^s	
5. Javelin Throw	45'	55'	65'	75'	85'	
6. Dipping (on Parallel Bars)	3 ^T	6 ^T	9 ^T	12 ^T	15 ^T	
7. 200 Meters Low Hurdle	52 ^s	48 ^s	44 ^s	40 ^s	36 ^s	
8. Discus Throw	31'	41'	51'	61'	71'	
9. Chinning	3 ^T	5 ^T	7 ^T	9 ^T	11 ^T	
10. Hop Step and Jump	22'	25'	28'	31'	34'	
11. 800 Meters Run	4 ^M 40 ^s	4 ^M	3 ^M 30 ^s	3 ^M 10 ^s	3 ^M	
12. Rope Climbing (15 ft)	13 ^s	11 ^s	9 ^s	7 ^s	5 ^s	
13. High Dive	1'10"	2'4"	2'10"	3'4"	3'10"	
14. Order & Leadership	Very Slight	Slight	Moderate	Considerable	Extreme	
15. Costume & Appearance	"	"	"	"	"	
16. Posture & Self-Control	"	"	"	"	"	
17. Hygienic Habits of Life	"	"	"	"	"	
18. Knowledge of Athletics and Games	"	"	"	"	"	
19. Enthusiasm in Physical Activities	"	"	"	"	"	
20. Sportsmanship.	"	"	"	"	"	

Note: M = Minute; S = Second; ' = Feet; " = Inch; T = Time; F = Form.

SOOCHOW UNIVERSITY

PHYSICAL EFFICIENCY TESTS FOR SOPHOMORES

PHYSICAL TRAINING 212

Reg. No.....Name.....Date.....
 Age.....Height.....Weight.....
 Specialization.....

EVENTS	1 pt.	2 pts.	3 pts.	4 pts.	5 pts.	Records
1. Shot Put -(12 lbs)	17'	21'	25'	29'	33'	
2. 100 Meters Dash	16 4/10 ^s	15 4/10 ^s	14 4/10 ^s	13 4/10 ^s	12 4/10 ^s	
3. Push Up	19 ^T	23 ^T	27 ^T	31 ^T	37 ^T	
4. 400 Meters Run	85 ^s	80 ^s	75 ^s	70 ^s	65 ^s	
5. Javelin Throw	50'	60'	70'	80'	90'	
6. Dipping (Parallel Bars)	4 ^T	7 ^T	10 ^T	13 ^T	16 ^T	
7. 200 Meters Low Hurdle	51 ^s	47 ^s	43 ^s	39 ^s	35 ^s	
8. Discus Throw	34'	44'	54'	64'	74'	
9. Chinning	4 ^T	6 ^T	8 ^T	10 ^T	12 ^T	
10. Hop Step and Jump	24'	27'	30'	33'	36'	
11. 800 Meters Run	4 ^M 30 ^S	3 ^M 50 ^S	3 ^M 20 ^S	3 ^M	2 ^M 50 ^S	
12. Rope Climbing (15 ft)	12 ^s	10 ^s	8 ^s	6 ^s	4 ^s	
13. High Dive	2'0"	2'6"	3'0"	3'6"	4'	
14. Order & Leadership	Very Slight	Slight	Moderate	Considerable	Extreme	
15. Costume & Appearance	"	"	"	"	"	
16. Posture & Self-Control	"	"	"	"	"	
17. Hygienic Habits of Life	"	"	"	"	"	
18. Knowledge of Athletics and Games	"	"	"	"	"	
19. Enthusiasm in Physical Activities	"	"	"	"	"	
20. Sportsmanship.	"	"	"	"	"	

Note: M= Minute; S= Second; ' = Feet; " = Inch; T = Time; F = Form

PHYSICS

Courses required for a major or a minor in Physics:

Major:

Courses 201 (or 102), 202, 203, 301, 302... 14 credit hours

Advanced courses, numbered above 300 ... 16 credit hours

For students interested in Pure Physics, it is recommended that the 16 credit hours advanced work include courses 322, 342, 361, 431 and 432.

For students interested in Engineering, it is recommended that the 16 credit hours advanced work include courses 315, 316, 324, 325 and Applied Arts 375-376.

Minor:

Courses 201 (or 102), 202, 203 and one other advanced course.

For students majoring in Chemistry, a course in Modern Physics is recommended.

Physics 101 Elementary Physics.

5 credit hours

An intensive study in elementary Physics.

Text: Stewart, Physics; or a similar text.

Three class hours and four laboratory hours.

Laboratory directions consist of 36 experiments specially prepared for the course.

Required of all students who present Chemistry or Biology for entrance. Will not count toward a major or a minor in Physics.

Physics 102 Mechanics.

5 credit hours

Class room and laboratory work devoted to a discussion of the statics and dynamics of a particle and of a rigid body, hydrostatics and hydraulics, statics and dynamics of elasticity. A study of precision of measurements is also included in this course. Free use is made of trigonometry and elementary calculus.

Prerequisites: Entrance Physics and Math. 101.

Text: Duncan and Starling, Dynamics.

Three class hours and six laboratory hours.

Required for a major in Physics.

Physics 201 Mechanics. 4 credit hours

Same as course 102, except a little briefer.

Credit will not be allowed both on this course and course 102.

This course may be taken to satisfy the major requirement in place of Physics 102, but the latter is preferable.

Three class hours and three laboratory hours.

Physics 202 Heat, Light, and Sound. 4 credit hours

The first part of the course is devoted to a discussion of temperature, calorimetry, thermal properties of bodies and the two laws of thermodynamics. The latter part is devoted to sound and light, including a discussion of wave motion, photometry, reflection, refraction, diffraction, interference and polarization; tones, free and forced vibrations, and resonance.

Prerequisites: Entrance Physics and Math. 101.

Text: Duncan and Starling, Heat, Light, and Sound.

Laboratory directions consist of eighteen experiments specially prepared for the course.

Three class hours and three laboratory hours.

Required for a major in Physics.

Physics 203 Electricity and Magnetism. 4 credit hours

A study of Ohm's Law, Joule's Law, electromagnetic induction, inductance and capacity, alternating current and the electron theory. Free use is made of calculus and many types of problems are assigned and discussed.

Prerequisites: Entrance Physics and Math. 102.

Text: Duncan and Starling, Electricity and Magnetism.

Laboratory directions consist of eighteen experiments specially prepared for the course.

Three class hours and three laboratory hours.

Required for a major in Physics.

Physics 301-302 Experimental Physics. 2 credit hours

Experiments of more advanced type than those of Physics 201, 202 and 203 will be carried out, together with study of the theory of the experiments and assigned reading.

One three-hour laboratory period each week throughout a year.

Required for students majoring in Physics.

Physics 313 Theoretical Mechanics. 3 credit hours

Devoted to a discussion of static and dynamics, continued as far as Hamilton's Principle, Lagrange's Equation of motion, etc. Emphasis is placed on the fundamental principles of the subject.

Prerequisites: Physics 102 or 201, and Math. 262.

Text: Jeans, Theoretical Mechanics.

Given in alternate years.

Physics 315 Engineering Mechanics I 3 credit hours

The principle of statics and dynamics and their application to engineering problems.

Prerequisites: Physics 201 or 102, and Math. 262.

Text: Fuller and Johnston, Applied Mechanics, Vol. 1.

Given in alternate years.

Physics 316 Engineering Mechanics II 3 credit hours

A detailed study of the physical properties of materials; stress and strain of body under simultaneous axial and transversal loads; the theory of bending moments and the determination of deflections; effect of repeated stresses.

Prerequisites: Physics 315.

Text: Fuller and Johnston, Applied Mechanics, Vol. 2.

Given in alternate years.

Physics 317-318 Surveying and Municipal Construction

2 credit hours

Physics 322 Electricity

3 credit hours

An intermediate course in electricity and electrical measurements followed by a discussion of modern atomic views of electricity, the electron, photoelectric effect, radio-activity, and discharge through gases.

Prerequisites: Physics 203, and Math. 262.

Text: Starling, Electricity and Magnetism.

Given in alternate years.

Physics 324 Engineering Electricity I

3 credit hours

A course in recitations and problems relating to the general principles of electric and magnetic circuits and their application to the generation, distribution and utilization of direct current power.

Prerequisites: Physics 203, and Math. 262.

Text: Dawes, Electrical Engineering, Vol. 1.

Given in alternate years.

Physics 325 Engineering Electricity II

3 credit hours

A study of the development of the fundamental laws of alternating currents and alternating-current circuits; and the application of these fundamental laws to alternating-current measurements, to polyphase circuits, to alternating-current machinery, and to power transmission. Illumination and photometry will also be briefly discussed.

Prerequisites: Physics 324.

Text: Dawes, Electrical Engineering, Vol. 2.

Given in alternate years.

Physics 326 Elementary Radio

2 credit hours

A study of the principles of radio communication and their practical application.

Text: Morecraft, Elements of Radio Communication.

Laboratory directions consist of 18 experiments specially prepared for the course.

Prerequisite: Physics 203.

One class hour and three laboratory hours.

Physics 342 Molecular Physics and Heat

3 credit hours

An intermediate course in molecular physics and heat covering such topics as gas laws, specific heats, Maxwell's distribution Law, mean free path, viscosity, diffusion, Joule-Thomson effect, second law of thermodynamics, etc.

Prerequisites: Physics 202, and Math. 262.

Text: Preston, Theory of Heat.

Given in alternate years.

Physics 361 Light

3 credit hours

Lectures and recitations on geometrical and physical optics.

Prerequisites: Physics 202, and Math. 262.

Text: Houstoun, A Treatise on Light.

Given in alternate years.

Physics 400 Physics Problem

credit to be arranged

Special Reading and Study, or Special Laboratory Work for advanced Students.

Prerequisite: 24 credit hours in physics.

Physics 420 Kinetic Theory

3 credit hours

A study of the Maxwell-Boltzmann Law, Brownian Movement, Specific Heat, and other selected topics.

Prerequisites: Physics 202, Math. 381, and Math. 460.

Text: Loeb, Kinetic Theory of Gases.

Given in alternate years.

Physics 431 Modern Physics 3 credit hours

This course takes up the new development in physics on the line of the structure of the atom, changes within the atom, the electron theory, etc., which are of growing interest and importance.

Prerequisites: Physics 203, and Math. 262.

Lecture notes prepared for class, and references to such standard books as Sommerfeld and Andrade, and to current literature.

Given in alternate years.

Physics 432 Modern Physics 3 credit hours

A continuation of Physics 431.

Given in alternate years.

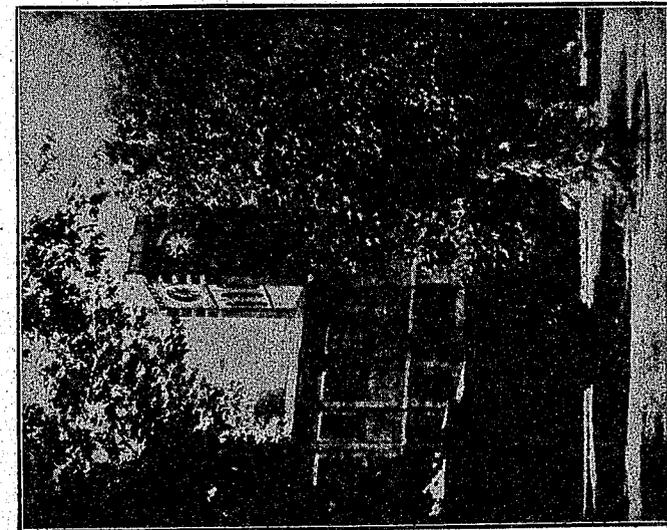
Physics 443 Theoretical Physics 3 credit hours

A study of differential equations, complex quantities, vector calculus and generalized coordinates with their applications to physical problems.

Prerequisites: Math. 381 and Math. 460.

Text: Haas, Introduction to Theoretical Physics.

Given in alternate years.



Campus Scenes

POLITICAL SCIENCE

Courses required for a major or a minor in Political Science:

Major:

Political Science	201	English Government...	3	credit hours
"	"	202 American Government	3	" "
"	"	211 Jurisprudence	2	" "
"	"	301 Chinese Government...	3	" "
"	"	303 World Politics	3	" "
"	"	305 History of Chinese Political Thought	2	" "
"	"	309 International Organiza- tions	3	" "
"	"	401 China's International Relations	3	" "
"	"	403 Principles of Inter- national Relations	3	" "
"	"	404 Cases in International Law	3	" "

Minor:

Political Science	201	English Government...	3	credit hours
"	"	301 Chinese Government...	3	" "
"	"	303 World Politics	3	" "
"	"	401 China's International Relations	3	" "
"	"	403 Principles of Inter- national Relations	3	" "

Students majoring in political science may take either law or history as their first minor, and one of the above, or economics, sociology, or education as their second minor. If they should take 13 more hours of work in the Department of Political Science in addition

to their major courses, their second minor requirement may be considered fulfilled.

Political Science 102 General Political Science 3 credit hours

This is an introductory course studying the nature, characteristics, origin, development, functions, and forms of the state, the forms and organization of governments, and the political system of modern states.

Text: Garner, Political Science and Government.

Required of Arts students. A prerequisite for all advanced courses in Political Science.

Political Science 201 English Government 3 credit hours

A study of government of England, both as to its constitutional background and practical working. The government of India and the self-governing dominions will also be touched.

Text: Munro, Governments of Europe.

Required for a major and a minor in Political Science.

Political Science 202 American Government 3 credit hours

A study of the government of the United States, both national and state, including such topics as the constitutional background, the President and the cabinet, the Congress, the Judiciary, party politics, the place of the state in the nation, etc.

Text: Munro, Government of the United States.

Required for a major in Political Science.

Political Science 203 Governments of Europe 3 credit hours

A general survey of the governments of France, Germany, Switzerland, Russia and the succession states of Central and Eastern Europe.

Text: Munro, Governments of Europe.

Political Science 211 Jurisprudence 2 credit hours

Same as Law 211.

Required for a major in Political Science.

Political Science 300 Kuomintang Principles 2 credit hours

A study of the underlying principles of the Nationalist Party or Kuomintang, based on writings of Dr. Sun Yet-sen.

Political Science 301 Chinese Government 3 credit hours

The aim of this course is to acquaint the student with a clear knowledge of the constitutional development both before and after the establishment of the Republic, and to make an analytical study of the "five-power" government that is in operation at present.

Text: To be selected.

Required for a major and a minor in Political Science.

Political Science 303 World Politics 3 credit hours

In this course considerable time will be devoted to an analysis of the nature of nationalism, a study of the causes and forms of imperialism, and an examination of contemporary imperialism and its effects on international relations in the nineteenth and twentieth centuries. Attention will also be devoted to an analysis of the various international agreements and conferences concluded since the War such as the Washington Conference, Locano Agreements, Anti-war Pact, etc.

Text: Bull, International Relations.

Required for a major and a minor in Political Science.

Political Science 304 Public Finance 3 credit hours

Same as Economics 304.

Political Science 305 History of Chinese Political Thought 2 credit hours

A study of the political theories of the pre-Ch'in Dynasty with particular emphasis on their influence upon the political thinking of the Chinese people.

Required for a major and a minor in Political Science.

Political Science 306 History of European Political Thought 3 credit hours

This course deals with the general development of political thought in the West from ancient times to the present, with particular emphasis upon certain important ideas and periods.

Text: Gettell, History of Political Thought.

Political Science 307 Municipal Government 3 credit hours

The purpose of this course is to make a general survey of the government and administration of modern municipalities in England, the United States and Continental Europe. Attention will also be given to the conditions in Chinese cities.

Text: Maxey, Urban Democracy.

Political Science 309 International Organization 3 credit hours

This course is concerned principally with the existing international organizations. It deals primarily with the League of Nations, the Permanent Court of International Justice, and the International Labor Office as to their origin, development, and present structures and activities. Other types of international machinery such as the various Public International Administrative Unions, either under the auspices of the League of Nations or separate from it, also receive attention. Throughout the course chief emphasis is placed on China's relations with them, especially with the League of Nations.

Text: Buell, International Relations.

Required for a major in Political Science.

Political Science 401 China's International Relations 3 credit hours

The diplomatic history of China and the outstanding problems of her foreign relations.

Text: To be selected.

Required for a major and a minor in Political Science.

Political Science 403 Principles of International Law 3 credit hours

A study of the nature and sources of international law, the history of international relations, subjects of international law, the recognition, continuity, succession and extinction of states, their jurisdiction over persons, property, territory, and the aerial space, the acquisition and loss of territory, state servitude, the intercourse of states, amicable and forcible means of settling international differences, the laws of war and the laws of neutrality.

Text: Hershey, Essentials of International Public Law and Organization.

Required for a major and a minor in Political Science.

Political Science 404 Cases in International Law 3 credit hours

A study of the leading cases illustrative of the principles of International Law.

Text: To be selected.

Required for a major in Political Science.

Political Science 405 Readings in Political Science 1 credit hour

This course is intended for advanced students who desire to make further studies in political science. Assignments for readings will be arranged by the instructor in charge of the course. Papers are required.

Political Science 406 Readings in Political Science 1 credit hour

The nature of this course is similar to that of 405.

RELIGION

Minor in Religion:

Religion 310	Science and Religion... ..	2 credit hours
„ 401	The Life and Teaching of Jesus	2 credit hours
„ 404	Religion and Life	2 credit hours
English 308	The Bible as English Literature	2 credit hours
Electives	... ..	7 credit hours

Religion 101 Modern Problems and Social Christianity

2 credit hours

A brief study of the social teachings of Jesus and their significance in solution of problems of modern society.

Religion 102 Modern Problems and Social Christianity

(Cont.)

2 credit hours

A short study of the social ideals as upheld by the Hebrew prophets and their significance in relation to our modern problems.

Religion 301 Religion and the Problems of Youth

2 credit hours

A study of the way in which religion is of help in meeting the problems of young people in China today. The problems will be selected by the class.

Library work, discussions, projects.

Religion 302 Religion and Social Problems

2 credit hours

This course aims to show how religion can contribute to the solving of social problems. This contribution results when religion is ethical. An attempt will be made in discovering the ethical value of the religion of Jesus. In the light of the ethical value discovered the solution of social problems will be discussed.

A library course.

Religion 303 Comparative Religions

3 credit hours

An introduction to the study of religion in general with specific studies of the religious thought and life of the Hindus, Japanese, and Jews.

Religion 304 Comparative Religions (Cont.)

3 credit hours

A study of Confucianism, Buddhism, and Christianity.

Religion 305 The Christian Family

1 credit hour

An application of Christian principles to relations between men and women, marriage, family life, parenthood, and filial duties.

Religion 306 The Meaning and Truth of Religion

2 credit hours

This course aims to give a fresh interpretation of religion according to its own intrinsic nature and in term of its typical forms. Such an interpretation will culminate in giving a conception of God, partly by examining the new cosmology which views the universe as an organism rather than as a mechanism; partly by reviewing the doctrines of emergent and creative evolution; partly through a philosophy of history which sees there a unifying process; and most basically by the appeal to moral and religious experience. The interpretation will also lead to setting forth the meaning of religion for solving urgent social problems, to seeing an emerging spiritual personality in man, and to forming the right approach to the problem of evil.

A library course.

Religion 308 Current Christian Thinking

1 credit hour

A brief study of the problems being considered and the main lines of thought developed by Christian thinkers today.

A library course.

Religion 309 Current Christian Literature 1 credit hour

A review of current Christian literature produced by some of the leading thinkers today. Books, magazines, and pamphlets in both English and Chinese will be considered.

A library course.

Religion 310 Science and Religion 2 credit hours

A study of how the methods and results of modern science limit or support a religious philosophy of life.

A library course.

Religion 401 The Life and Teachings of Jesus.
2 credit hours

A historical study of the life of Jesus followed by a consideration of his outstanding teachings.

Text: Kent, the Life and Teachings of Jesus.

Religion 401a The Life of Jesus - Brief Course 1 credit hour

A brief study of the life of Jesus for those who have not had Religion 401.

A library course.

Religion 404 Religion and Life 2 credit hours

A study of (1) the nature of religion, (2) its relation to one's philosophy of life and personality development, (3) its relation to the problems of society.

NOTE: Students interested in religious courses are also referred to the following courses in other departments:

Sociology 307 Christianity and Society 3 credit hours

English 308 The Bible as Literature 2 credit hours

SOCIOLOGY

Major in Sociology:

Sociology 201	Principles of Sociology	3 credit hours
" 202	The Family	3 " "
" 304	Social Psychology	3 " "
" 310	Rural Sociology	3 " "
" 403	Introduction to Social Work ...	3 " "

Three other courses (nine hours) in the department.

Minor in Sociology:

Sociology 201	Principles of Sociology	3 credit hours
" 304	Social Psychology	3 " "

and three other course (nine hours) in the department.

Sociology 101 Introduction to Social Problems

4 credit hours

An introductory study of the origin, development and diagnosis of problems, especially those of presentday China. The fieldwork will be devoted to trips, surveys, individual projects.

Three class hours, three hours fieldwork.

(This course, being a general requirement, may not be counted towards fulfilling Major or Minor requirements).

Sociology 100 Social Anthropology 3 credit hours

A Study of man in his origin and development both physically and socially. An inquiry is made into the beginnings of society and of social institutions with some emphasis on modern survivals of primitive ideas.

Texts: Boyle, Prehistoric Man.

Tozzer, Social Origins and Social Continuities.

Sociology 201 Principles of Sociology 3 credit hours

A study of (1) the factors influencing social life, (2) social processes, and social organization, (3) the nature, characteristics, spread, and change of culture.

Sociology 202 The Family 3 credit hours

A study of (1) the origin and development of marriage and family organization, (2) a comparison of Chinese and western family conditions, (3) problems of the Chinese family.

Sociology 304 Social Psychology 3 credit hours

A study of the social aspects of human nature and personality; (1) the basis of human behaviour, (2) social contact and interstimulation, (3) the development of personality in social interaction, (4) personality adjustment.

Text: Krueger and Reckless, Social Psychology.

Sociology 307 Christianity and Society 3 credit hours

A study of the place of Christianity in social life, how it has functioned in the past, what it is doing today, and the resources it offers for social betterment.

A library course.

Sociology 309 Urban Sociology 3 credit hours

Beginning with ancient cities this course presents an evolutionary picture of the natural history of the city. This analysis is followed by a study of the social organization and problems of the modern city. Special emphasis will be placed on the typical human ecological forces, factors and processes involved in the growth of modern cities and the effects of urbanization and urban environment upon human behavior and social institutions and customs.

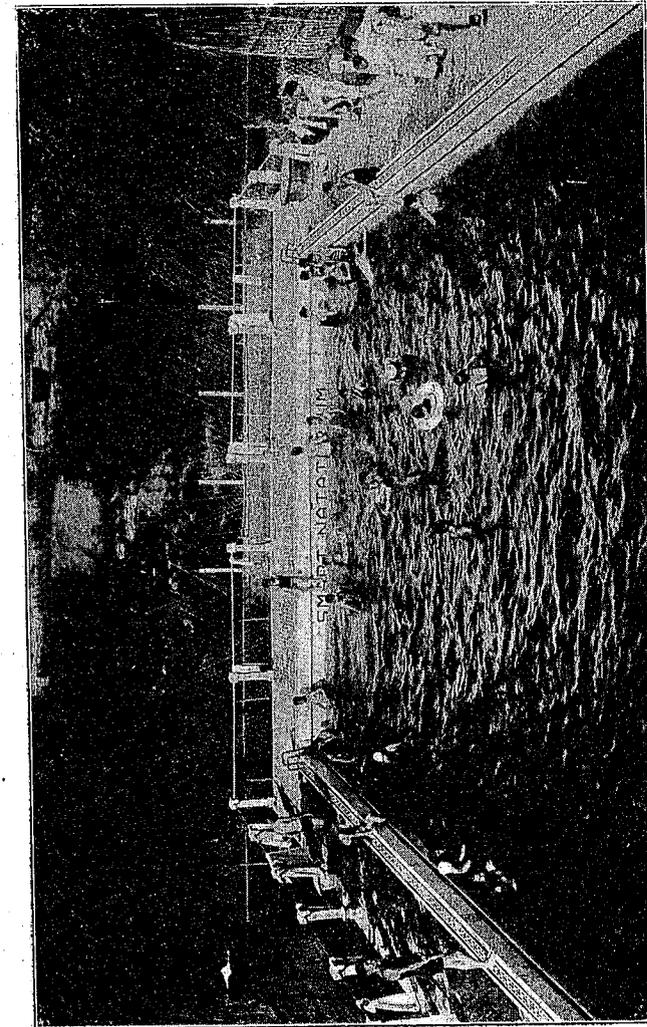
Text: Carpenter, The Sociology of City Life.

Sociology 310 Rural Sociology 3 credit hours

An analytic study of the American Rural community in terms of its vital, cultural, economic, and structural elements is taken as the basis for a comprehensive diagnosis of Chinese rural problems and for the adequate planning of its improvement.

Text: Sims, Elements of Rural Sociology.

Prerequisite: Sociology 101 or 201.



Smart Natatorium

Sociology 400 Thesis Seminar A year course, 2 Credit
hours each term.

A study of methods of social investigation with directed individual fieldwork and study, leading to the preparation of the Thesis for Majors in Sociology.

Prerequisites; Twelve hours in the Department.

Credits received in this course may not be counted towards fulfilling Major requirements.

Sociology 403 Introduction to Social Work 3 credit hours

A study of principles and methods of dealing with such major social problems as poverty, ignorance, disease, disaster, mental deficiency, and crime.

A library course supplemented by trips and individual observation.

Sociology 404 Contemporary Sociology 3 credit hours

A study of the major concepts of modern Sociology with a survey of the various types of social theory and method expounded by leading Sociologists.

Text:

Prerequisites: Sociology 201 and 304.

SUMMARY OF COURSES

BIOLOGY

(BOTANY, ZOOLOGY)

		PAGE
Biology 102	General Biology 3 credit hours	49
" 325	Evolution 2 " "	50
" 326	Genetics 3 " "	50
" 328	Eugenics... .. 2 " "	50
" 329	Laboratory Methods in Biology 2 " "	51
" 400	Biological Problems 2-6 " "	51
" 411-2	Biology Seminar 1 " hour	51
" 500	Research in Biology (credits are arranged by consultation with the major Professor and the Head of the Biology Department).	52
Botany 201	General Botany 4 credit hours	52
" 212	Morphology of the Thallophytes and Bryophytes 3 " "	52
" 313	Morphology of the Pteridophytes and Spermatophytes... .. 3 " "	53
" 324	Local Flora 3 " "	53
" 421	Plant Micrology 3 " "	53
" 422	Plant Physiology 3 " "	53
" 431	Plant Ecology... .. 3 " "	54
" 433	Bacteriology 3 " "	54
Zoology 212	Invertebrate Zoology 4 " "	54
" 311	Comparative Anatomy of the Vertebrates 5 " "	55
" 323	Animal Parasitology 4 " "	55
" 324	Vertebrate Embryology 3 " "	55
" 352	General Entomology 4 " "	56

		PAGE
Zoology 423	Animal Micrology 3 credit hours	56
" 451	Advanced Entomology 4 " "	56
" 453	Animal Histology 4 " "	57

CHEMISTRY

		PAGE
Chemistry 101	General Chemistry 5 credit hours	58
" 102	Principles of Inorganic Chemistry	58
" 204	General Chemistry for Arts Students 5 " "	59
" 221	Inorganic Qualitative Analysis 4 " "	59
" 222	Inorganic Quantitative Analysis 4 " "	59
" 305	History of Chemistry... .. 2 " "	60
" 323	Advanced Quantitative Analysis 2 " "	60
" 326	Technical Chemical Analysis 3 " "	60
" 331-2	Organic Chemistry 10 " "	60
" 335	Elementary Organic Chemistry... .. 5 " "	61
" 354	Elementary Physical Chemistry... .. 4 " "	61
" 363	Industrial Chemistry... .. 4 " "	61
" 400	Introduction to Chemical Research 2-5 " "	62
" 410	Inorganic Preparation 3 " "	62
" 420	Special Methods of Analysis 3 " "	62
" 433	Organic Preparation 3 " "	62
" 434	Organic Qualitative Analysis 4 " "	63

		PAGE
Chemistry 436	Selected Topics in Organic Chemistry 2 credit hours	63
" 437	Organic Quantitative Analysis 3 " "	63
" 451	Physical Chemistry 4 " "	64
" 452	Selected Topics in Physical Chemistry 3 " "	64
" 453	Colloid Chemistry 3 " "	64
" 454	Physico-Chemical Measurements 1-2 " "	64
" 461	Elementary Chemical Engineering 3 " "	65
" 464	Special Topics in Industrial Chemistry 3 " "	65
" 470	Food Analysis 4 " "	65
" 471	Chemistry of Food and Nutrition 3 " "	65
" 472	Physiological Chemistry 5 " "	66
" 500	Research in Chemistry (credit hours to be arranged by consultation).	66

CHINESE LITERATURE

		PAGE
Chinese 101	Selected Essays and Poems of Representative Types 3 credit hours	67
" 102	Selected Essays and Poems of Representative Types 3 " "	67
" 201	Chinese Philology 2 " "	67
" 202	Chinese Philology 2 " "	68
" 203	Outline Study of Chinese Literature 2 " "	68

		PAGE
Chinese 204	Outline Study of Chinese Literature 2 credit hours	68
" 205	History of Chinese Literature 3 " "	68
" 301	Poetical Selections 2 " "	68
" 302	Poetical Selections 2 " "	69
" 303	History and Technique of "Tsu" and the Selections of Famous Authors 3 " "	69
" 305	Outline Study of Chinese Philosophy and Classics 3 " "	69
" 306	Selected "Fu" and "Pien Wen"... .. 3 " "	69
" 307	Chinese Fiction 2 " "	70
" 308	Chinese Fiction 2 " "	70
" 311	New Chinese Literature 2 " "	70
" 312	New Chinese Literature 2 " "	70
" 405	Studies on Ancient Relics and Tablet Writings 3 " "	70
" 406	History of "Chu" and Its Technique 3 " "	71
" 408	Critical Study of Selected Works of Chinese Literature 3 " "	71
" 409	Chinese Bibliography 3 " "	71

ECONOMICS

		PAGE
Economics 201	Principles of Economics 3 credit hours	72
" 301	Principles of Money... .. 3 " "	72
" 302	Commercial and Investment Banking 3 " "	73
" 303	Foreign Exchange 3 " "	73

			PAGE
Economics 304	Public Finance	3 credit hours	73
" 305	Labor Problems	3 " "	73
" 306	Business Finance	3 " "	73
" 307	Economic History of the West... ..	3 " "	74
" 308	Economic History of China	3 " "	74
" 309	Elementary Accounting ...	3 " "	74
" 402	Economic Theories	3 " "	74

EDUCATION

			PAGE
Education 100	Principles of Efficient Study	2 credit hours	75
" 203	Educational Psychology ...	3 " "	75
" 231	An Historical Survey of Chinese Civilization	3 " "	75
" 232	Introduction to Education ...	3 " "	76
" 303	Psychology of the Abnormal	3 " "	76
" 304	Comparative Psychology ...	3 " "	76
" 306	Individual Differences ...	2 " "	76
" 331	Methods of Middle School Teaching	3 " "	76
" 342	Sociological Basis of Middle School Teaching	3 " "	76
" 351	History of Western Education	3 " "	77
" 352	Organization and Administration of Secondary Schools	3 " "	77
" 433	Methods of Teaching English in the Middle School ...	3 " "	77
" 444	The Teaching of Sciences in Middle Schools	2 " "	78

			PAGE
Education 445	The Teaching of Mathematics in High School ...	2 credit hours	78
" 446	Methods in Teaching Biology	1 " hour	78
" 447	Tests and Measurements in Secondary Education... ..	3 credit hours	79
" 448	Statistics in Education ...	3 " "	79

ENGLISH

			PAGE
English 101-102	Freshman English	4 credit hours	80
" 201	Sophomore English	3 " "	80
" 202	Sophomore English	3 " "	80
" 303	Essays	2 " "	81
" 304	The Romantic Movement in English Poetry	2 " "	81
" 305-306	Translation	4 " "	81
" 307	Classical Literature	2 " "	81
" 308	The Bible as Literature ...	2 " "	81
" 320	Public Speaking	1 " hour	81
" 322	The Modern Short Story ...	3 credit hours	81
" 324	Modern Drama	3 " "	81
" 401	Shakespeare	3 " "	82
" 402	Survey of English Literature	3 " "	82
" 405	Composition Correction ...	1 " hour	82
" 406	Directed Reading... ..	1 " "	82

GERMAN

			PAGE
German 301-302	Elementary German	10 credit hours	83
" 401-402	Second Year German-Grammar and Reading... ..	8 " "	83

	PAGE
Law 207 and 208 General Principles of Civil Law	4 " " 92
" 209 General Principles of Criminal Law	3 " " 93
" 210 Criminal Law (Particular Crimes)	3 " " 93
" 211 Jurisprudence	2 credit hours 93
" 212 Law of Criminal Procedure	3 " " 93
" 213 Parliamentary Law	1 " hour 93
" 214 Anglo-American Criminal Law... ..	2 " hours 94

MATHEMATICS AND APPLIED ARTS

	PAGE
Mathematics 101 Introduction to Mathematical Analysis	5 credit hours 95
" 261-262 Differential and Integral Calculus	6 " " 95
" 330 Advanced Algebra... ..	3 " " 96
" 360 Differential and Integral Calculus	3 " " 96
" 381 Differential Equations	3 " " 96
" 402 Vector Analysis	3 " " 96
" 460 Advanced Calculus... ..	3 " " 96
Applied Arts 375-376 Mechanical Drawing	4 " " 97

MILITARY TRAINING

	PAGE
Military Training 111-112	3 credit hours 97
" " 211-212	3 " " 97

PHILOSOPHY

	PAGE
Philosophy 100 A Survey of the Major Subjects	2 credit hours 98

	PAGE
Philosophy 101 Introduction to Western Philosophy	2 credit hours 98
" 102 History of Chinese Philosophy	2 " " 98
" 203 Elements of Psychology	3 " " 99
" 204 Logic... ..	3 " " 99
" 302 Ethics	3 " " 99
" 305 History of Ancient Chinese Philosophy... ..	3 " " 100
" 306 History of Medieval Chinese Philosophy... ..	3 " " 100
" 307-308 Philosophy of the Sung and Yuan Dynasties... ..	4 " " 100
" 311 Introduction to Western Philosophy... ..	3 " " 100
" 312 History of Western Philosophy	3 " " 101

PHYSICAL EDUCATION

	PAGE
Physical Education 111-112 Gymnasium Work	2 credit hours 102
" " 211-212 Gymnasium Work	2 " " 102
" " 113 Swimming	1 " hour 102
" " 210 Personal and Community Hygiene... ..	3 " hours 102

PHYSICS

	PAGE
Physics 101 Elementary Physics	5 credit hours 107
" 102 Mechanics	5 " " 107
" 201 Mechanics	4 " " 108

			PAGE
Physics 202	Heat, Light, and Sound ...	4 credit hours	108
" 203	Electricity and Magnetism ...	4 " "	108
" 301-302	Experimental Physics ...	2 " "	109
" 313	Theoretical Mechanics... ..	3 " "	109
" 315	Engineering Mechanics I ...	3 " "	109
" 316	Engineering Mechanics II ...	3 " "	109
" 317-318	Surveying and Municipal Construction	2 " "	110
" 322	Electricity	3 " "	110
" 324	Engineering Electricity I ...	3 " "	110
" 325	Engineering Electricity II ...	3 " "	110
" 326	Elementary Radio	2 " "	111
" 342	Molecular Physics and Heat	3 " "	111
" 361	Light	3 " "	111
" 400	Physics Problem (credit to be arranged)		111
" 420	Kinetic Theory	3 " "	111
" 431	Modern Physics	3 " "	112
" 432	Modern Physics	3 " "	112
" 443	Theoretical Physics	3 " "	112

POLITICAL SCIENCE

			PAGE
Political Science 102	General Political Science	3 credit hours	114
" " 201	English Government ...	3 " "	114
" " 202	American Government... ..	3 " "	114
" " 203	Governments of Europe	3 " "	114
" " 211	Jurisprudence (same as Law 211)	2 " "	115
" " 300	Kumintang Principles ...	2 " "	115
" " 301	Chinese Government ...	3 " "	115

			PAGE
Political Science 303	World Politics	3 credit hours	115
" " 304	Public Finance	3 " "	115
" " 305	History of Chinese Political Thought	2 " "	115
" " 306	History of European Political Thought	3 " "	116
" " 307	Municipal Government... ..	3 " "	116
" " 309	International Organiza- tions	3 " "	116
" " 401	China's International Re- lations	3 " "	116
" " 403	Principles of International Law	3 " "	117
" " 404	Cases in International Law	3 " "	117
" " 405	Readings in Political Science	1 " hour	117
" " 406	Readings in Political Science	1 " hour	117

RELIGION

			PAGE
Religion 101	Modern Problems and Social Christianity	2 credit hours	118
" 102	Modern Problems and Social Christianity (cont.)... ..	2 " "	118
" 301	Religion and the Problems of Youth	1 " hour	118
" 302	Religion and Social Problems... ..	2 " hours	118
" 303	Comparative Religions	3 " "	119
" 304	Comparative Religions (cont.)	3 " "	119
" 305	The Christian Family	1 " hour	119

			PAGE
Religion 306	The Meaning and Truth of Religion	2 credit hours	119
" 308	Current Christian Thinking ...	1 credit hour	119
" 309	Current Christian Literature ...	1 " hour	120
" 310	Science and Religion	2 " hours	120
" 401	The Life and Teachings of Jesus	2 " "	120
" 401a	The Life of Jesus-Brief Course	1 " hour	120
" 404	Religion and Life	2 " hours	120

SOCIOLOGY

			PAGE
Sociology 101	Introduction to Social Problems	4 credit hours	121
" 200	Social Anthropology	3 " "	121
" 201	Principles of Psychology ...	3 " "	121
" 202	The Family	3 " "	122
" 304	Social Psychology	3 " "	122
" 307	Christianity and Society	3 " "	122
" 309	Urban Sociology	3 " "	122
" 310	Rural Sociology	3 " "	122
" 400	Thesis Seminar	2 " "	123
" 403	Introduction to Social Work...	3 " "	123
" 404	Contemporary Sociology ...	3 " "	123

RECEIVED
UNIVERSITIES
APR 5 1935
JOINT OFFICE