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Course announcements
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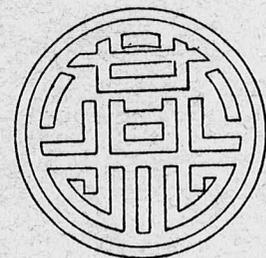
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學大京燕
YENCHING UNIVERSITY
BULLETIN

ANNOUNCEMENT OF COURSES
1936-1937



VOLUME XXI—NUMBER 10
Peiping, China
December, 1936

0277

YENCHING UNIVERSITY BULLETINS

The University issues regular bulletins at stated intervals and special bulletins as need arises. These are placed on sale at the University bookstore. Certain issues are distributed without charge by the Admissions Bureau.

University Catalogue (in Chinese).....	50 cents
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Requests for further information should be addressed to

The Registrar
Yenching University
Peiping, China

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ACADEMIC CALENDAR 1936-1937

燕京大學

YENCHING UNIVERSITY

BULLETIN

ANNOUNCEMENT OF COURSES

1936-1937



VOLUME XXI—NUMBER 10

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ACADEMIC CALENDAR 1936-1937

FALL SEMESTER

Fall Semester begins.....	Sept. 1 (Tues.)
Dormitories open to students.....	Sept. 1 (Tues.)
New students to arrive.....	Sept. 1 (Tues.) - Sept. 3 (Thurs.)
Faculty presessional conference.....	Sept. 2 (Wed.) - Sept. 3 (Thurs.)
Exemption and placement tests.....	Sept. 3 (Thurs.)
Freshman week.....	Sept. 3 (Thurs.) - Sept. 7 (Mon.)
Registration.....	Sept. 7 (Mon.) - Sept. 9 (Wed.)
Opening convocation.....	Sept. 10 (Thurs.)
Class work begins.....	Sept. 10 (Thurs.)
Change of courses without fee.....	Sept. 10 (Thurs.) - Sept. 16 (Wed.)
Late registration with fee.....	Sept. 10 (Thurs.) - Sept. 23 (Wed.)
Last day for taking make-up examinations.....	Sept. 16 (Wed.)
Change of courses with fee.....	Sept. 17 (Thurs.) - Sept. 19 (Sat.)
National holiday.....	Oct. 10 (Sat.)
Sun Yat Sen's birthday anniversary holiday.....	Nov. 12 (Thurs.)
Last day for handing in freshman mid-semester grades to Registration Bureau.....	Nov. 16 (Mon.)
University anniversary holiday.....	Dec. 25 (Fri.)
Founding of the Republic of China anniversary holiday.....	Jan. 1 (Fri.)
New Year holiday.....	Jan. 1 (Fri.) - Jan. 3 (Sun.)
Fall semester examinations.....	Jan. 9 (Sat.) - Jan. 16 (Sat.)
Winter recess.....	Jan. 18 (Mon.) - Jan. 31 (Sun.)

SPRING SEMESTER

Spring semester begins.....	Feb. 1 (Mon.)
Registration.....	Feb. 1 (Mon.) - Feb. 2 (Tues.)
Class work begins.....	Feb. 3 (Wed.)
Change of courses without fee.....	Feb. 3 (Wed.) - Feb. 9 (Tues.)
Late registration with fee.....	Feb. 3 (Wed.) - Feb. 16 (Tues.)
Last day for taking make-up examinations.....	Feb. 9 (Tues.)
Change of courses with fee.....	Feb. 10 (Wed.) - Feb. 12 (Fri.)
Sun Yat Sen's memorial day holiday.....	Mar. 12 (Fri.)
Leaders of revolution memorial day holiday.....	Mar. 29 (Mon.)
Spring recess.....	Apr. 12 (Mon.) - Apr. 18 (Sun.)
Alumni home-coming day holiday.....	Apr. 24 (Sat.)
Last day for handing in master's thesis to Graduate Division.....	May 15 (Sat.)
Last day for handing in senior thesis to the Dean.....	May 31 (Mon.)
Spring semester examinations.....	June 12 (Sat.) - June 19 (Sat.)
Baccalaureate.....	June 20 (Sun.)
Class day.....	June 21 (Mon.)
Commencement.....	June 22 (Tues.)

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*On leave of absence, 1936-1937.

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Liu Chieh, *Assistant Professor of Chinese*

Liu P'an-sui, *Assistant Professor of Chinese*

*On leave of absence, 1936-1937.

**On leave of absence, second semester, 1936-1937.

Lu K'an-ju, D. Litt., *Assistant Professor and Chairman of the Department of Chinese*

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Miss Margaret B. Speer, M.A., *Assistant Professor of Western Languages and Dean of the College for Women*

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Ch'eng She-wo, B.A., *Lecturer in Journalism (part-time)*

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Ch'ien Mu, *Lecturer in Chinese (part-time)*

*On leave of absence, 1936-1937

**On leave of absence, first semester, 1936-1937

Feng Chia-sheng, M.A., *Lecturer in History (part-time)*
 Han Ju-lin, B.A., *Lecturer in History (part-time)*
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 Wang Li, D. Litt., *Lecturer in Chinese (part-time)*
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**On leave of absence, first semester 1936-1937.
 * On leave of absence, 1936-1937.

*Hsü Hsien-yü, M. S., *Instructor in Mathematics*
Hsü P'eng-ch'eng, M. S., *Instructor in Chemistry*
Hsü Yün-kuei, M. S., *Instructor in Physics*
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Lou Hsüeh-hsi, Ph. D., *Professor of Political Science*

* On leave of absence, 1936-1937.

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Cho Chün-yung, B. Com., *Lecturer in Economics (part-time)*

Hsiao Kung-ch'uan, Ph. D., *Lecturer in Political Science (part-time)*

Miss Kuan Jui-wu, M.A., *Lecturer in Sociology (part-time)*

*On leave of absence, 1936-1937.

T'ao Hsi-sheng, LL. B., *Lecturer in Sociology (part-time)*
Yin Wen-ching, Ph. D., *Lecturer in Economics (part-time)*

Cheng Lin-chuang, M.A., *Instructor in Economics*

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THE SCHOOL OF RELIGION

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Philippe de Vargas, Ph.D., *Professor*

*Wu Lei-ch'uan, Hanlin Academy, *Professor*

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Bliss Wiant, M.A., *Assistant Professor*

Miss Myfanwy Wood, *Assistant Professor*

Arthur D. Rugh, M.A., *Honorary Lecturer*

*On leave of absence, Second semester 1936-1937.

**On leave of absence, 1936-1937.

ACADEMIC REGULATIONS

ENTRANCE. Students graduating from government or registered private Senior Middle Schools may be admitted into the university by entrance examinations.

MAJOR DEPARTMENTS. Every undergraduate must select one of the following departments as a major department: *College of Arts and Letters:* Chinese, Western Languages, History, Philosophy, Psychology, Education, Music, Journalism. A Short Course in Kindergarten Primary Training is also offered under the Department of Education. *College of Natural Sciences:* Mathematics, Physics, Biology, Chemistry, Home Economics. *College of Public Affairs:* Political Science, Economics, Sociology and Social Work.

In the College of Arts and Letters and the College of Public Affairs a major course consists of not less than 32 or more than 68 credits in one department, together with 16 to 24 credits in correlated subjects. The nature of the correlated subjects and further requirements are determined by each major department.

In the College of Natural Sciences a student must select one major and one minor department. The courses taken in the major department must total not less than 32 nor more than 50 credits; the courses in the minor department, which will usually be one of the departments within the College of Natural Sciences, should total from 12 to 20 credits. The sum of the major and the minor courses is to total not less than 50 credits.

The choice of the major course should be made at the beginning of the sophomore year unless for special reasons the student has secured permission from the dean to defer the decision to a later date. When the major department is chosen, a tentative program of study for the remainder of the college course should be planned by the student in consultation with the chairman of the department.

COURSES AND GENERAL REGULATIONS.

General Program of studies for the freshman year for students in the College of Arts and Letters and the College of Public Affairs:

Group A. Chinese 1-2	3-3 credits
English 1-2	4-4

Six credits from each of the following groups :

<i>Group B.</i>	Mathematics 1-2	
	*Biology 3-4	3-3
	*Chemistry 3-4	
	*Geology 1-2	
<i>Group C.</i>	Philosophy 21 or 22	
	Psychology 1 or 2	3-3
	Psychology 9 or 10	
<i>Group D.</i>	Political Science 1 or 2	
	Economics 1 or 2	
	Sociology 1 or 2	3-3
	Education 3	
	History 91-92	
<i>Group E.</i>	Electives	3-3
	Total	19-19

Freshmen intending to major in political science, economics, or sociology must elect three courses in two of these departments under Group D.

Students intending to major in economics must elect a natural science course under Group B and must take Economics 29-30, Chinese National Economy, as an elective under Group E.

General Program of studies for the freshman year for students in the College of Natural Sciences.

<i>Group A.</i>	Chinese 1-2		3-3 credits
	English 1-2		4-4
<i>Group B.</i>	Natural Sciences (three courses)		8-8
	Physics 1-2	3-3	
	Biology 1 or 2	5	
	Chemistry 1 or 2	5	
<i>Group C.</i>	Mathematics 1-2		3-3
	Total		18-18

* The number of non-science students who can be received in these courses is limited.

Alternative Program (In special cases permission may be given for this program.)

<i>Group A.</i>	Chinese 1-2		3-3
	English 1-2		4-4
<i>Group B.</i>	Natural Sciences (two out of three courses)		5-5 or 8-3
	Physics 1-2	3-3	
	Biology 1 or 2	5	
	Chemistry 1 or 2	5	
<i>Group C.</i>	Mathematics 1-2		3-3
	Social Science		3-3 or 0-6
	Total		18-18 or 18-19

In all three colleges one credit of Physical Education each semester is required of all freshmen students. Women students are required to take one credit of hygiene.

General Program of studies recommended for the bachelor's degree :

- a. One year of Chinese (freshman year). The College of Natural Sciences requires eight credits of Chinese, of which six must be taken in the freshman year.
- b. One year of English (freshman year). Some departments require a second year. Any student who obtains a grade of less than 5 in English 2 is required to take English 3-4.
- c. A second year of Chinese or of English (sophomore year), or two years of a second language : Japanese, French, German, or Russian.
- d. A laboratory course in natural science in any one of the following five subjects : physics, chemistry, biology, geology, psychology.
- e. A descriptive course in natural science: those in inheritance, psychology, and geography are specially recommended.
- f. A year-course in economics, political science, or sociology, or a combination of two semester-courses in two of these subjects.
- g. A year-course in history, education, literature, or philosophy, or a combination of two semester-courses in two of these subjects as provided in the freshman program.

- h. A major study with its correlated courses including the bachelor's thesis. As far as possible, a student's major study should be planned with reference to a significant problem in which he is interested rather than just as a group of courses.
- i. Physical Education during freshman, sophomore, and junior years, a total of six credits.
- j. A one-credit course in hygiene for all women students.
- k. Free electives.

The individual program for each student should be based on this general program, but planned by the student and his adviser with careful consideration of individual needs, interests, and purposes. The individual student's program for the whole course should be prepared in advance and revised from year to year as the course develops.

INDEPENDENT STUDY AND HONORS COURSES. Several departments offer Honors Courses to advanced students who have a general grade ratio of 6.2 or above. Students who give evidence of special ability will be encouraged to undertake a program of independent study during their junior and senior years.

GRADUATION. On fulfilling the prescribed curriculum in one of the major departments and completing 142 credits, of which six shall be in Physical Education, with an average grade ratio of 5, students will be graduated with the degree of Bachelor of Arts from the College of Arts and Letters and the College of Public Affairs, and with the degree of Bachelor of Science from the College of Natural Sciences.

CREDITS AND GRADES. A credit denotes a certain amount of satisfactory work done by the student. On an average a credit is equivalent to three hours of work per week per semester in a university course. These three hours may consist of one hour of recitation in class and two hours of preparation, or they may be three hours of laboratory work or field work. Usually a three-credit course consists of three hours of class work each week for a semester. Credit is given for a course only when the student has secured a grade of 3 or above.

A grade denotes the quality of work the student does in a given course. The marking system at Yenching University is based on a 10-point scale. The relation of the grade to a percentage mark is as follows:

Grade	Percentage	Grade	Percentage
10	96-100	4	66-70
9	91-95	3	61-65
8	86-90	2	56-60
7	81-85	1	51-55
6	76-80	0	below 51
5	71-75		

A grade of 2 indicates a condition. A grade of 1 or 0 indicates failure. A general grade ratio of 5 is required for graduation. Students with an average grade below 4.2 for any single year, or 5 for each of two consecutive years, will be dropped from the University.

PREMEDICAL AND PRENURSING TRAINING. Although there are no longer separate premedical and prenursing courses, students will be provided every opportunity to prepare themselves for entrance to medical colleges and nursing schools by selecting work offered in the different departments of the University.

FOREIGN STUDENTS. Yenching University is a university for Chinese students. It welcomes, however, a limited number of foreign students who desire to learn more of China and Chinese student life. Since entering students must pass entrance examinations similar to those of American colleges or submit records of successful work at some college or university, candidates are advised to make application and submit credentials to the Secretary of Admissions before April 15. Foreign students are eligible for the bachelor's degree, but since many courses are conducted in Chinese and thus are not open to students who cannot use the language, most foreign students find it inadvisable to spend more than one or two years at Yenching.

OTHER REGULATIONS. For information concerning entrance requirements, tuition, laboratory fees and other expenses, scholarships, credits required for graduation, transfer requirements, and other regulations, the student should consult the *Guidebook for Students*.

COURSES OF INSTRUCTION

It should be observed that the course number indicates the semester in which the course is given. Courses with an odd number are offered in the first semester and courses with an even number, in the second semester.

The Chinese language is the medium of instruction in most courses taught by Chinese members of the faculty. Courses given by Western instructors are usually conducted in English. A few exceptions will be found in the College of Natural Sciences, where English is used in a large number of courses.

THE COLLEGE OF ARTS AND LETTERS CHINESE

Lu K'an-ju, D.Litt.	<i>Assistant Professor and Chairman</i>
Jung Keng	<i>Professor</i>
Kuo Shao-yü	<i>Professor</i>
*Wu Lei-ch'uan, Hanlin Academy	<i>Professor</i>
Liu Chieh	<i>Assistant Professor</i>
Liu P'an-sui	<i>Assistant Professor</i>
Tung Fan, B.A.	<i>Assistant Professor</i>
Ch'ien Mu	<i>Lecturer (part-time)</i>
Ku Sui, B.A.	<i>Lecturer (part-time)</i>
Wang Li, D.Litt.	<i>Lecturer (part-time)</i>
Wen Yi-to, M.A.	<i>Lecturer (part-time)</i>
Miss Yü Shih-yü (Mrs. Li An-che)	<i>Lecturer (part-time)</i>
Ch'en Meng-chia, M.A.	<i>Assistant</i>
Shen Kuo-hua	<i>Assistant</i>

Chao Tzu-ch'en, D. Litt. *Professor in the School of Religion*

The aim of the Department of Chinese is to give a thorough training in Chinese literature and language to students who wish to specialize and also to raise the general standard of Chinese for all students in the university.

Special Requirements: History 161, Historical Method, and Philosophy 71-72, History of Chinese Philosophy, to be taken in the sophomore year.

*On leave of absence, 1936-1937.

The major course consists of at least 32 credits in Chinese including the following:

<i>First Year</i>		
Chinese 1-2	Freshman Chinese	3-3 credits
<i>Second Year</i>		
Chinese 3	Literary Composition	or
Chinese 5	Colloquial Composition	or
Chinese 7	Documentary Composition	2
Chinese 10	Introduction to Literature	3
Chinese 11-12	History of Chinese Literature	3-3
Chinese 13-14	Philology	3-3
Chinese 15	Phonology	3
Chinese 18	Etymology	3
<i>Fourth Year</i>		
Chinese 199-200	Senior Thesis	2 to 6

Correlated Subjects: From 18 to 24 credits in any department in the College of Art and Letters. Students wishing to prepare themselves to teach Chinese are encouraged to choose education and to fulfil the requirements of the Department of Education for the Form B Diploma. Students who do not select English as the correlated subject must take from 12 to 18 credits in English or some other foreign language.

The attention of major students is directed also to the following courses in other departments: Philosophy 104, Philosophy of Moh Ti and his Followers, and Music 55-56, History of Chinese Music.

Chinese 1-2	Freshman Chinese	3-3 credits
This course aims at the development of literary taste and gives training in writing. Selections of famous poetry and essays will be read. A composition is required every two weeks. M 3:10, W 2:10-4:00, Sections A and B; T 1:10-3:00, Th 2:10, Sections C, D, E, and F; F 2:10-4:00, S 10:20, Sections G, H, I.		

Section A: Mr. Lu
Sections B and C: Mr. Tung
Sections D and H: Mr. Shen
Sections E and I: Mr. Ch'en
Section F: Mr. Liu P'an-sui
Section G: Mr. Liu Chieh

Chinese 3 or 4	Literary Composition	2 credits
Elective: 2.	M 1:10-3:00.	Mr. Tung
Chinese 5 or 6	Colloquial Composition	2 credits
Elective: 2.	F 2:10-4:00.	Mr. Lu

- Chinese 7 Documentary Composition 2 credits
Elective : 2. F 2:10-4:00. Mr. Tung
- Chinese 10 Introduction to Literature 3 credits
This course will deal with the general theory of literature and different categories of Chinese literary style. Elective : 2. TThS 9:20. Mr. Kuo
- Chinese 11-12 History of Chinese Literature 3-3 credits
A study of the evolution of Chinese literature with an analysis of causal relations and cultural background. Elective : 2. TThS 10:20. Mr. Kuo
- Chinese 13-14 Philology 3-3 credits
A series of lectures on the changes and development, in meaning and in form, of the Chinese language, and on the functions of *Liu Shu*, the six ways of word-formation, as a basis for linguistic reform henceforth. Elective : 2. MWF 10:20. Mr. Jung
- Chinese 15 Phonology 3 credits
Kuang Yin will be used as a basis for studying the ancient and present Chinese sounds. This course is to help students to acquire common sense in phonology. Elective : 2. Th 1:10-3:00, 4:10. Mr. Wang
- Chinese 18 Etymology 3 credits
Besides the meanings of words given in the dictionaries, words in commentaries will be studied to show the rules of meaning recognized by ancient scholars and their connection with the forms, sounds, and contexts of words. Elective : 2. MWF 8:00. Mr. Liu P'an-sui
- Chinese 52 Ancient Literature 3 credits
Selections of different styles of literature before the Ch'in Dynasty. Elective : 3, 4. MWF 10:20. Mr. Liu Chieh
- Chinese 53 Ancient Poetry 3 credits
Selections of different styles of poetry before the Ch'in Dynasty. Elective : 3, 4. MWF 11:20. Mr. Lu
- Chinese 55 Medieval Literature 3 credits
Selections of different styles of literature of the period from the Han to the T'ang Dynasty. Elective : 3, 4. MWF 8:00. Mr. Liu P'an-sui

- Chinese 58 Medieval Poetry 3 credits
Selections of different styles of poetry of the period from the Han to the T'ang Dynasty. Elective : 3, 4. MWF 11:20. Mr. Lu
- Chinese 60 Modern Literature 3 credits
Selections of different styles of literature of the period from the Sung to the Ch'ing Dynasty. Elective : 3, 4. Not offered in 1936-1937. Mr. Kuo
- Chinese 61 Modern Poetry 3 credits
Selections of different styles of poetry of the period from the Sung to the Ch'ing Dynasty. Elective : 3, 4. Not offered in 1936-1937.
- Chinese 64 Selected *Tz'u* 詞 3 credits
Selections of *tz'u* written by different authors from the T'ang to the Ch'ing Dynasty. Elective : 3, 4. Not offered in 1936-1937. Mr. Ku
- Chinese 65 Selected Miscellaneous *Ch'u* 曲 3 credits
Miscellaneous *ch'u* written by different authors from the Chin to the Ch'ing Dynasty. Elective : 3, 4. Th 1:10-4:00. Mr. Ku
- Chinese 68 Selected Dramas 3 credits
Miscellaneous dramas and storybooks of the period from the Chin to the Ch'ing Dynasty. Elective : 3, 4. Th 1:10-4:00. Mr. Ku
- Chinese 69 Selected Novels 3 credits
Selections of novels from the period from the T'ang to the Ch'ing Dynasty. Elective : 3, 4. Not offered in 1936-1937.
- Chinese 71-72 History of Chinese Poetry 3-3 credits
This course will deal with the origin, development, and changes of the poetry, *tz'u*, and various *ch'u* of the past. Elective : 3, 4. Not offered in 1936-1937. Mr. Lu
- Chinese 73-74 History of Chinese Novels and Dramas 3-3 credits
A study of the origin, development, and changes of the novels and dramas of the past. Elective : 3, 4. Not offered in 1936-1937. Mr. Lu
- Chinese 76 History of Chinese Literary Criticism 3 credits
This course will deal with the development and changes of Chinese literary thought and the standpoints of the critics of the past. Elective : 3, 4. TThS 8:00. Mr. Kuo

- Chinese 77 Thoughts of Contemporary Writings 3 credits
A study of the theories of present day authors in relation to their writings. Elective: 3, 4. Not offered in 1936-1937.
- Chinese 101 *Shih Ching* 詩經 3 credits
A technical study of *Shih Ching*. Prerequisite: Chinese 53 or Chinese 71-72. Elective: 4, 5. T 1:10-4:00. Mr. Wen
- Chinese 104 *Ch'u Tz'u* 楚辭 3 credits
A technical study of the work of Ch'ü Yüan, Sung Yü, and their companions. Prerequisite: Chinese 53 or Chinese 71-72. Elective: 4, 5. Not offered in 1936-1937. Mr. Lu
- Chinese 105 *Yueh Fu* 樂府 3 credits
A technical study of music and song from the Han to the Sui Dynasty. Prerequisite: Chinese 53 or Chinese 71-72. Elective: 4, 5. Not offered in 1936-1937. Mr. Lu
- Chinese 108 Ts'ao Chih 曹植 3 credits
A technical study of the works of Ts'ao Chih. Prerequisite: Chinese 58 or Chinese 71-72. Elective: 4, 5. Not offered in 1936-1937.
- Chinese 109 Yüan Chi 阮籍 3 credits
A technical study of the works of Yüan Chi. Prerequisite: Chinese 58 or Chinese 71-72. Elective: 4, 5. Not offered in 1936-1937. Mr. Tung
- Chinese 111 T'ao Ch'ien 陶潛 3 credits
A technical study of the works of T'ao Ch'ien. Prerequisite: Chinese 58 or Chinese 71-72. Elective: 4, 5. TThS 8:00. Mr. Kuo
- Chinese 114 Li Po 李白 3 credits
A technical study of the works of Li Po. Prerequisite: Chinese 58 or Chinese 71-72. Elective 4, 5. Not offered in 1936-1937.
- Chinese 115 Tu Fu 杜甫 3 credits
A technical study of the works of Tu Fu. Prerequisite: Chinese 58 or Chinese 71-72. Elective: 4, 5. MWF 9:20. Mr. Liu P'an-sui
- Chinese 118 Han Yü 韓愈 3 credits
A technical study of the works of Han Yü. Prerequisite: Chinese 55 and Chinese 58. Elective: 4, 5. Not offered in 1936-1937.

- Chinese 120 Li Shang Yin 李商隱 3 credits
A technical study of the works of Li Shang Yin. Prerequisite: Chinese 55 and Chinese 58. Elective: 4, 5. MWF 9:20. Mr. Liu P'an-sui
- Chinese 121 Ouyang Hsiu 歐陽修 3 credits
A technical study of the works of Ouyang Hsiu. Prerequisite: Chinese 60 and Chinese 64. Elective: 4, 5. Not offered in 1936-1937.
- Chinese 124 Su Shih 蘇軾 3 credits
A technical study of the works of Su Shih. Prerequisite: Chinese 60 and Chinese 71-72. Elective: 4, 5. Not offered in 1936-1937.
- Chinese 152 Chinese Paleography 3 credits
A study of the earliest characters found on ancient stones, bronzes, and oracle bones. Prerequisite: Chinese 13-14 and Chinese 15. Elective: 4, 5. MWF 9:20. Mr. Jung
- Chinese 153 Shuo Wen 說文 3 credits
This course will provide practice so that the ancient books can be read. Prerequisite: Chinese 13-14 and Chinese 18. Elective: 4, 5. MWF 9:20. Mr. Jung
- Chinese 156 Simplified Characters 3 credits
A study of the origin and theory of simplified characters. Elective: 3, 4. Not offered in 1936-1937. Mr. Jung
- Chinese 157-158 Elements in Chinese Civilization 3 credits
A study of the chief elements in Chinese civilization taken up by periods. Elective: 3, 4. MWF 9:20. Mr. Liu Chieh
- Chinese 159 Technical Writings of the Ch'ing Dynasty 3 credits
Textual criticism of the Ch'ing Dynasty. Elective: 3, 4. Not offered in 1936-1937. Mr. Ch'ien
- Chinese 162 History of the Chinese Classics 3 credits
This course will deal with the origin and perpetuation of the Chinese classical studies of the past. Elective: 3, 4. Th 1:10-4:00. Mr. Ch'ien
- Chinese 163-164 Chinese Religious Literature 1-1 credits
Elective: 3, 4. S 8:00. Mr. Chao

Chinese 165 Rhetoric 3 credits

This course will explain the nature of Chinese language and characters and the problems of rhetoric in connection with methods or mood. Elective: 3, 4. TThS 9:20. Mr. Kuo

Chinese 167 Grammar 3 credits

A study of similarity and differentiation in ancient and modern sentence constructions and a comparison between western and Chinese grammar. Elective: 3, 4. Not offered in 1936-1937. Mr. Tung

Chinese 170 Methods of Teaching Chinese in Middle Schools 3 credits

A study of the ways of selecting and managing subject-matter in teaching Chinese, and practice in teaching methods. Elective: 3, 4. Th 1:10, F 2:10-4:00. Mr. Tung

Chinese 173 Philosophy of Chuangtze 莊子 3 credits

A critical study of the original works. Elective: 4, 5. MWF 10:20. Mr. Liu Chieh

Chinese 176 Philosophy of Confucius, Mencius, and Hsüntze 孔子, 孟子, 荀子. 3 credits

A study of the original works of these philosophers. Elective: 4, 5. Not offered in 1936-1937. WF 9:20. Mr. Liu Chieh

Chinese 177 Philosophy of Chu Hsi 朱熹 3 credits

The original works will be studied. Elective: 4, 5. Not offered in 1936-1937. Mr. Liu Chieh

Chinese 180 Philosophy of Wang Yang-ming 王陽明 3 credits

The original works will be studied. Elective: 4, 5. Not offered in 1936-1937. MWF 10:20. Mr. Liu Chieh

Chinese 199-200 Senior Thesis Credits to be arranged

Under the guidance of an instructor, a topic is selected and a thesis prepared.

JAPANESE

Japanese 1-2 Elementary Japanese 3-3 credits

The student will become familiar with common phrases and grammar, simple conversation, and literary expressions. Credit will not be given unless Japanese 3-4 is completed also. Elective: 1, 2, 3. MTWTh 3:10. Miss Yü

Japanese 3-4 Advanced Japanese 3-3 credits

Daily composition and a study of novels. By the end of the year the student is expected to be able to read or translate without difficulty. Elective: 2, 3, 4. MWTh 2:10. Miss Yü

WESTERN LANGUAGES

Harold E. Shadick, B.A. *Assistant Professor and Chairman*

Miss Grace M. Boynton, M.A. *Professor*

Thomas E. Breece, M.A. *Professor*

Louis E. Wolferz, Ph. D. *Professor*

Ernest K. Smith, M.A. *Professor (part-time)*

Miss Anne Cochran, M.A. *Assistant Professor*

Miss Margaret B. Speer, M.A. *Assistant Professor*

George R. Loehr, M.A. *Lecturer*

Lawrence M. Mead, M.A. *Lecturer*

Carl Schuster, Ph. D. *Lecturer*

Alexis N. Speshneff *Lecturer (part-time)*

Edwin Beal, B.A. *Instructor*

Jean-Daniel Subilia, Lic. ès Lettres *Instructor*

Miss Chou Kuo-p'ing, B.A. *Assistant*

Li Jung-fang, M.A., Th. D. *Professor in the School of Religion*

Lucius C. Porter, M.A., L.H.D. *Professor of Philosophy*

Miss Myfanwy Wood *Assistant Professor in the School of Religion*

Mrs. Harold E. Shadick *Honorary Lecturer*

Teng Ssu-yü, M.A. *Research Fellow under the Harvard-Yenching Institute*

The Department of Western Languages has two divisions: the division of English and the division of French, German, and Russian.

THE DIVISION OF ENGLISH

A student may major in the Division of English in two ways. He may take either Course A, a course mainly in literature, or Course B, a course giving special preparation for the teaching of English. By taking three credits

in methods of teaching English, seventeen credits in the Department of Education, and twenty credits in a correlated subject, the student in Course B may qualify for the Diploma in Education, Form B.

English 1-2 and English 5-6 are prerequisite for major work in English but do not count as part of the major credits.

Course A, The Major:

The minimum major requirements for Course A are 45 credits in English including the following :

English 11-12	Nineteenth Century Literature	3-3 credits
English 13-14	Eighteenth Century Literature	3-3
English 15-16	English Literature to 1600	3-3
English 17-18	Seventeenth Century Literature	3-3
English 27-28	Shakespeare	3-3
English 31	Advanced Composition*	3
English 35	Phonetics*	2
English 199-200	Senior Thesis	3-3

Correlated Subjects: At least 16 credits chosen from the following, of which 6 credits shall be in history :

Chinese

Education

History : At least six credits in the history of England or of Europe are required. History 119-120, The Growth of Democracy in England, is strongly recommended.

Philosophy : Philosophy 183-184, Western Social and Political Thinking, is particularly recommended.

French or German : Courses numbered 100 or above.

Economics 3-4	Principles of Economics	3-3 credits
Economics 5-6	History of Economic Thought	3-3
Economics 21-22	Western Economic History	3-3
Sociology 3-4	Principles of Sociology	3-3
Sociology 7	Introduction to Social Anthropology	3

*Students may be exempted from this requirement by examination.

Sociology 108	Advanced Social Anthropology	3 credits
Political Science 3-4	Principles of Political Science	3-3
Psychology 105-106	Systematic Psychology	2-2
Psychology 141	Social Psychology	3

Course B, The Major:

The minimum major requirements for Course B are 44 credits in English including three courses out of this group :

English 13-14	Eighteenth Century Literature	3-3 credits
English 15-16	English Literature to 1600	3-3
English 17-18	Seventeenth Century Literature	3-3
English 27-28	Shakespeare	3-3

and all the following :

English 11-12	Nineteenth Century Literature	3
English 31	Advanced Composition I	3
English 35	Phonetics	2
English 36	Comparative Phonetics	2
English 161	Methods of Teaching English	3
English 199-200	Senior Thesis	2-2

Correlated Subjects: 20 credits in one correlated subject and 17 credits in education including the following :

Education 3	Introduction to Education	3 credits
Education 16	Educational Psychology	3
Education 125	Introduction to Secondary Education	3
Education 126	Methods of Teaching	3

Psychology 1 must be taken as a prerequisite for Education 16.

THE DIVISION OF FRENCH, GERMAN, AND RUSSIAN

This division gives instruction in French, German, and Russian. Students may major in French Literature.

The Major: 46 credits as follows :

French 1-2	First Year French	3-3 credits
French 3-4	Second Year French	3-3
French 111-112	Eighteenth Century Literature	3-3

French 115-116	French Poetry	3-3
French 117-118	Contemporary Prose	3-3
French 119-120	Classical Drama	3-3
French 199-200	Senior Thesis	2-2
English 85-86	History of French Literature	3-3

Correlated Subjects: At least 16 credits chosen from the group of correlated subjects listed under the Division of English. Six credits in the history of France or Europe are required. Courses in English are also recommended, particularly :

English 51-52	Currents of Modern Thought	3-3 credits
English 73-74	Renaissance Literature	3-3
English 77-78	Classical Literature	3-3

English 1-2 Freshman English 4.4 credits

This course deals with the sentence, the paragraph, letter writing, note taking, exposition, description, narration, and argumentation. Special attention is paid to typical errors and oral English. Students are required to read a book a month as outside work. Weekly papers. Literary societies. Required: 1. MTWThF 10:20 Sections A, B, C, D, E, F; M 9:20 MWThF 11:20 Sections H, I, J.

English 3-4 Special Sophomore English 4.4 credits

Prerequisite: English 1-2. MTThS 9:20.

Note: Sophomore students whose grade in English 2 was less than 5, are required to take English 3-4 instead of English 5-6.

English 5-6 Sophomore English 4.4 credits

Essay writing and a study of texts. Prerequisite: English 1-2. Elective: 2. TWThF 9:20 Section A for students interested in literature; Section B for students interested in the social sciences, history, education, and journalism. MWThF 11:20 Section D for students interested in natural science; Section E for special biology students; Section F for students interested in literature.

Note: English 3-4 or 5-6 is prerequisite for all English courses. English 11-12 and 35-36 may be taken concurrently with English 5-6.

English 11-12 Nineteenth Century English Literature 3-3 credits

A careful study of the chief writers and literary movements of the nineteenth century. Extensive reading of both prose and poetry. Prerequisite: English 5-6 (see note above). Elective: 2,3,4. MWF 10:20. Miss Speer

English 13-14 Eighteenth Century English Literature 3-3 credits
Prerequisite: English 5-6. Elective: 3,4. Offered in alternate years.
TThS 8:00. Miss Boynton

English 15-16 English Literature to 1600 3-3 credits
Prerequisite: English 5-6. Elective: 3, 4. Offered in alternate years.
MWF 8:00. Miss Cochran

English 17-18 Seventeenth Century English Literature 3-3 credits
Prerequisite: English 5-6. Elective: 3, 4. Offered in alternate years.
Not offered in 1936-1937. TThS 8:00. Mr. Shadick

English 27-28 Shakespeare 3-3 credits
A careful study of a few of Shakespeare's tragedies and comedies, with reports by students on several more plays. Lectures and assigned readings. Prerequisite: English 5-6. Elective: 3, 4. Offered in alternate years. Not offered in 1936-1937. MWF 8:00. Mr. Breece

English 31 Advanced Composition I 3-3 credits
This course is designed for students who desire to develop their ability in writing. Daily short essays and frequent long ones. Prerequisite: English 5-6. Elective: 3, 4. TTh 10:20. Mr. Schuster

English 32 Advanced Composition II 3 credits
Practice in the writing of short stories and other forms of imaginative writing following as far as possible the interest of the individual student. Prerequisite: English 31. Elective: 3, 4. TTh 10:20. Mr. Schuster

English 35 Phonetics 2 credits
A practical application of phonetics in the modifying and correcting of English pronunciation, based upon a comparative study of English and Chinese speech sounds. Prerequisite: English 5-6 (see note above). Elective: 2, 3, 4. MWF 3:10. Mr. Mead

English 36 Comparative Phonetics 2 credits
Further work in theoretical phonetics with a study of the speech sounds of several modern languages. Prerequisite: English 35. Elective: 2, 3, 4. MWF 3:10. Mr. Mead

English 41 History of the Drama 3 credits

This course traces the drama from its earliest beginnings through the Greek and Roman periods, its rise in France and England, and its development in the eighteenth and nineteenth centuries. Plays of all periods are studied. Prerequisite: English 5-6. Elective: 3, 4. Offered in alternate years. MWF 9:20. Mr. Breece

English 42 Modern Drama 3 credits

A continuation of English 41. Some of the authors studied are Goldsmith, Sheridan, Gilbert, Ibsen, Wilde, Pinero, Rostand, Hauptmann, O'Neill, Jones, Yeats, Synge, Dunsany, Maeterlinck. Prerequisite: English 5-6. Elective: 3, 4. Offered in alternate years. MWF 9:20. Mr. Breece

English 44 American Literature 3 credits

The earlier part of this field is covered rapidly through lectures and readings. The chief emphasis is laid on the literature of the nineteenth and twentieth centuries. Prerequisite: English 5-6. Elective: 3, 4. Offered in alternate years. Not offered in 1936-1937. Miss Cochran

English 51-52 Currents of Modern Thought 2-2 or 3-3 credits

Studies in the literary expression of important thought movements: philosophical, scientific, social, and religious. Whitehead's *Science and the Modern World* is used to provide an historical framework, and the reading includes selections from such writers as Rousseau, Goethe, the German Romantics, Wordsworth, Shelley, Mill, Spencer, Marx, and Nietzsche. Prerequisite: English 5-6. Elective: 3, 4. Offered in alternate years. TTh 3:10. Mr. Shadick

English 57-58 The English Novel 3-3 credits

This course traces the development of the novel from its beginning to James Joyce. Prerequisite: English 5-6. Elective: 3, 4. Not offered in 1936-1937. MWF 11:20. Miss Boynton

English 67-68 Twentieth Century Prose 2-2 credits

Prerequisite: English 5-6. Elective: 3, 4. Offered in alternate years. Not offered in 1936-1937. Miss Cochran

Students are recommended to take English 67-68 and English 69-70 together, forming one course in contemporary literature.

English 69-70 Twentieth Century Poetry 1-1 credits

Prerequisite: English 5-6. Elective: 3, 4. In 1936-1937 this will be offered as a two-credit course during the second semester. TTh 2:10. Miss Boynton

English 73-74 Renaissance Literature 3-3 credits

A general study of the renaissance of literature in Italy, Spain, France, and Germany, with a careful reading of the masterpieces of Dante, Boccaccio, Cervantes, Rabelais, Montaigne. Prerequisite: English 5-6. Offered in alternate years. Not offered in 1936-1937. Elective: 3, 4. Mr. Beal

English 75 Poetic Literature of the Hebrews 3 credits

Elective: 2, 3, 4. Offered in alternate years. MWF 3:10. Mr. Li

English 76 Wisdom Literature of the Hebrews 3 credits

Elective: 2, 3, 4. Offered in alternate years. MWF 3:10. Mr. Li

English 77-78 Classical Literature 3-3 credits

This is a study, in English translation, of the literature of Greece and Rome. Also, more widely, it is a study of the development and character of the ancient cultures which, with the Hebrew, are the foundation of modern European civilization. Attention will be drawn to specific instances of the influence of the classical writings upon later European literature. Prerequisite: English 5-6. Elective: 3, 4. Offered in alternate years. MWF 2:10. Mr. Beal

English 81-82 Literature of the Bible 3-3 credits

This course deals with the different types of Biblical literature, and attempts to show how much modern English is founded on the Bible. The subject-matter and the historical background of the books are included in the course. Prerequisite: English 5-6. Elective: 3, 4. MWF 2:10. Miss Wood

English 83-84 Russian Literature 3-3 credits

A series of lectures on the history of Russian literature; reading of texts from Pushkin, Lermontov, Gogol, Turgenev, Ostrovsky, Tolstoi, Chekhov, and Dostoevski. Prerequisite: English 5-6. Elective: 3, 4. Offered in alternate years. Not offered in 1936-1937. MWF 10:20. Mrs. Shadick

English 85-86 History of French Literature 3-3 credits

The lectures in this course are given in English and students who are unable to read French may read the texts in English translation. Students majoring in French are expected to do their reading in the original. Prerequisite: English 5-6. Elective: 3, 4. Offered in alternate years. MWF 9:20. Mr. Loehr

English 89-90 Literary Criticism 2-2 credits

Lectures on the history and principles of criticism; reading of standard critical texts; exercises in criticism. Prerequisite: English 5-6. Elective: 3, 4. Offered in alternate years. Not offered in 1936-1937. Mr. Shadick

English 91-92 Translation from Chinese into English 2-2 or 3-3 credits

Selected passages from various types of Chinese literature—the classics, poetry, novels, essays, modern lectures, newspaper editorials and stories—will be used for translation by each member of the class. Not more than an hour a week will be given to a class meeting; regular personal consultation between individual students and the instructors will be arranged. The effort will be made to make some inductions regarding the characteristic differences between the English and the Chinese languages as vehicles for expressing thought. Students must secure the approval of the chairman of the department and the instructors before registering for this course. Prerequisite: English 5-6. Elective: 3, 4. (Limited to 15 students). W 3:10. Mr. Porter and Mr. Teng

English 161 or 162 Methods of Teaching English Credits to be arranged

This course takes up the problems and methods of teaching English from the beginning through the middle school. Students are expected to teach under supervision in the Junior Middle School conducted by the Department of Education. Students must secure the approval of the chairman of the department and the instructors before registering for this course. Prerequisite: English 5-6. Elective 3, 4. Times of lectures and teaching hours to be arranged. Miss Speer and Miss Chou

English 199-200 Senior Thesis 2-2 credits

FRENCH

French 1-2 Elementary French 3-3 credits

An introductory course intended for students with a talent for languages. The equivalent of at least two years of middle school work is covered. All the work of the class is conducted in French. No credit is given unless French 3-4 is satisfactorily completed also. Elective: 1, 2, 3. MWThF 1:10 Section A; MTWTh 3:10 Section B. Section A: Mr. Subilia Section B: Mr. Wolferz

French 3-4 Intermediate French 3-3 credits

Reading of easy texts with conversation, dictation, and composition exercises taken from the reading material. Grammar review. All the work of the class is conducted in French. Prerequisite: French 1-2. Elective: 2,3,4. MWThF 1:10 Section A. MTWTh 2:10 Section B. Section A: Mr. Loehr Section B: Mr. Subilia

French 101-102 Nineteenth Century French Literature 3-3 credits

Prerequisite: French 3-4. Elective: 3, 4. Not offered in 1936-1937.

French 105-106 Nineteenth Century French Drama 3-3 credits

Selected dramas by Musset, Labiche, Augier, Dumas fils. All the work is conducted in French. Prerequisite: French 3-4. Elective: 3, 4. Not offered in 1936-1937.

French 111-112 Eighteenth Century French Prose 3-3 credits

Voltaire, Rousseau, and other eighteenth century prose writers. Prerequisite: French 3-4. Elective: 3, 4. Not offered in 1936-1937.

French 115-116 French Poetry 3-3 credits

Selected poems of all periods will be read and discussed. Prerequisite: French 3-4. Elective: 3, 4. Not offered in 1936-1937.

French 117-118 Contemporary Prose 3-3 credits

D'Alain-Fournier's *Le Grand Meaulnes*; a review of contemporary writers through their pre-war work (reading of selections); Regionalism, a new tendency (reading of one author). Prerequisite: French 3-4. Elective: 3, 4. TThS 10:20. Mr. Subilia

French 119-120 Classical French Drama 3-3 credits

Selected plays by Molière, Racine, and Corneille. Prerequisite: French 3-4. Elective: 3, 4. MWF 10:20. Mr. Wolferz

French 199-200 Senior Thesis 2-2 credits

GERMAN

German 1-2 Elementary German 3-3 credits
 An introductory course intended for students with a talent for languages. The equivalent of at least two years of middle school work is covered. All the work of the class is conducted in German. No credit is given unless German 3-4 is satisfactory completed also. Elective: 1, 2, 3. MWF 8:00 and a fourth hour to be arranged. Mr. Wolferz

German 3-4 Intermediate German 3-3 credits
 Reading of texts with conversation, dictation, and composition exercises taken from the reading material. Grammar review. All the work of the class is conducted in German. Prerequisite: German 1-2. Elective: 2, 3, 4. MWThF 7:00 a.m. Mr. Loehr

German 105-106 The Classical German Drama 3-3 credits
 Reading of selected plays of Goethe, Schiller, and Lessing. Prerequisite: German 3-4. Elective: 3, 4. Not offered in 1936-1937.

German 117-118 Contemporary Prose 3-3 credits
 The course will take up some of the newer writings in the short story. Prerequisite: German 3-4. Elective: 3, 4. Not offered in 1936-1937.

German 141-142 Modern Readings 2-2 credits
 Readings in contemporary literature and science. Prerequisite: German 3-4. Elective: 3, 4. Not offered in 1936-1937. Mr. Loehr

RUSSIAN

Russian 1-2 Elementary Russian 3-3 credits
 The class will be limited to 30 students. In the event of a larger enrolment a selection of students will be made by the instructor and the chairman of the department. Only students who satisfy the instructor and the chairman of the department that they are likely to profit by the courses in Russian will be allowed to register. Elective 1, 2, 3. MWF 8:00 Th 11:20 Mr. Speshneff

Russian 3-4 Intermediate Russian 3-3 credits
 Elective 2, 3, 4. Not offered in 1936-1937.

HISTORY

Ku Chieh-kang, B.A.	<i>Professor and Chairman</i>
William Hung, M.A., S.T.B., D.D.	<i>Professor</i>
Teng Chih-ch'eng	<i>Professor</i>
Philippe de Vargas, Ph.D.	<i>Professor</i>
Miss Lucy M. Burt, M.A.	<i>Lecturer</i>
*Richard H. Ritter, B.A., B.D.	<i>Lecturer</i>
Chang Hsing-lang, B.S.	<i>Lecturer (part-time)</i>
**Chang Kuo-kan, Hanlin Academy	<i>Lecturer (part-time)</i>
Chang Yin-t'ang, M.S.	<i>Lecturer (part-time)</i>
Ch'i Ssu-ho, Ph.D.	<i>Lecturer (part-time)</i>
Feng Chia-sheng, M.A.	<i>Lecturer (part-time)</i>
Han Ju-lin, B.A.	<i>Lecturer (part-time)</i>
T'an Ch'i-hsiang, M.A.	<i>Lecturer (part-time)</i>
Hou Jen-chih, B.A.	<i>Assistant (part-time)</i>

Walter W. Davis, M.S.	<i>Professor of Mathematics</i>
Jung Keng	<i>Professor of Chinese</i>
Li Jung-fang, M.A., Th.D.	<i>Professor in the School of Religion</i>
Miss Myfanwy Wood	<i>Assistant Professor in the School of Religion</i>

The aim of the department is twofold: to enable the general student to acquire historical insight into the political, economic, and cultural movements of the nation and the world, thus supplying an important requirement of any form of leadership; and to give to the student majoring in history an accurate knowledge of certain fields of history and a thorough discipline in historical method as a preparation either for scientific historical research, especially in the rich field of Chinese history, or for teaching history in schools and colleges.

*On leave of absence, 1936-1937.

**On leave of absence, first semester 1936-1937.

Special Requirements: Eight credits of Sophomore English.

The Major: From 40 to 68 credits in history including :

History 161	Historical Method	2 credits
History 167	Advanced Historical Method	2
History 199-200	Senior Thesis	1 to 6

Correlated Subjects: From 20 to 24 credits chosen from historical courses offered in any department or any general course in social science or geography. It is recommended that one course in geography be elected and one course in each of the departments of Political Science, Economics, Sociology, and Education.

A second foreign language will be very useful to the history student if the study is continued long enough to include the reading of historical works and documents. A reading knowledge of Japanese is valuable for research work in Chinese history. French and German are essential for those who intend to do graduate research in history. Since at least two years of preparatory study are necessary, students who wish to elect French or German should begin the study in the freshman year, so that they may use these languages for historical reading in the junior and senior years.

History 1-2 General History of China 3-3 credits
A study of the political and social evolution of Chinese institutions, with special emphasis on their bearing upon the cultural characteristics of each period. Elective: 1, 2, 3, 4. MWF 11:20. Mr. Teng

History 7-8 Ancient Chinese Historical Geography 3-3 credits
The evolution of geographical knowledge in ancient times, including a systematic study, from original materials, of the early habitation of the Han people. Elective: 3, 4, 5. Not offered in 1936-1937. Mr. Ku

History 9-10 Chinese Historical Geography 2-2 credits
Elective: 3, 4, 5. W 2:10-4:00. Mr. T'an

History 11-12 Research in Ancient Chinese History 3-3 credits
A survey of the critical problems involved in the study of the *Shu Ching* (classics of history), and the various solutions that have been hitherto offered. An attempt to analyze the book anew with special emphasis on the distinction between the genuine, forged, and interpolated parts. Elective: 3, 4, 5. Not offered in 1936-1937. Mr. Ku

History 13-14 History of the Ch'un Ch'iu Period 2-2 credits
Elective: 3, 4, 5. Th 2:10-4:00. Mr. Ku

History 15-16 The Ts'in and Han Dynasties 2-2 credits
A study of the program of military unification of the Ts'in and Han Dynasties and the political, social, and economic system which resulted from it. Prerequisite: History 1-2. Elective: 3, 4, 5. TTh 10:20. Mr. Teng

History 17-18 The Wei, Tsin, Southern and Northern Dynasties 2-2 credits
This course treats the characteristic institutions of the period 220-589; the rise and the fall of the "Five barbarian tribes"; the rise and influence of "Ts'ing Tang"; the spread of Buddhism and Taoism; the rise of social autocracy during this period. Prerequisite: History 1-2. Elective: 3, 4, 5. TTh 8:00. Mr. Teng

History 19-20 The Sui, T'ang, and Five Dynasties 2-2 credits
This course treats of the following topics: the military unification of the empire by Sui and T'ang; the cultural unification of the North and the South and its influence upon the subsequent history of China; the economic life of the Chinese people after the Mid-T'ang period; China's territorial expansion during the period 589-959; foreign relations of the T'ang Dynasty; Chinese and foreign religions; the examination system and its influence upon the system of aristocracy, philosophy, literature, and art during this period. Prerequisite: History 1-2. Elective: 3, 4, 5. Not offered in 1936-1937. Mr. Teng

History 21-22 The Sung, Liao, Kin, and Yüan Dynasties 2-2 credits
A study of the races involved, the rise and the fall of the several dynasties, their government and diplomacy, and their cultural characteristics. Elective: 3, 4, 5. F 4:10, S 9:20. Mr. Chang

History 23-24 The Ming and Ch'ing Dynasties 2-2 credits
A survey of the accessible source material of the Chinese history of the Ming and Ch'ing Dynasties. Studies in the comparison of political and economic institutions of the two dynasties. The rise of the literati class. The intellectual history of the period. Prerequisite: History 1-2. Elective: 3, 4, 5. Not offered in 1936-1937. Mr. Teng

History 41-42 History and Geography of the Northeast 3-3 credits
Elective: 2, 3, 4. MWF 8:00. Mr. Feng

History 52 Chinese Topography 2 credits
Elective: 3, 4, 5. Time to be arranged. Mr. Chang

History 59-60 Physical Geography 2-2 credits
Elective : 1, 2, 3. Th 10:20-12:10. Mr. Davis

History 61-62 Chinese Geography 2-2 credits
Elective : 1, 2, 3, 4. T 2:10-4:00. Mr. Chang

History 63-64 History of the Early Intercourse between 2-2 credits
China and the West

This course consists of explanations of ancient Chinese records concerning Europe and European records concerning China ; ancient commercial relations between the East and the West; exchange of civilizations and embassies; spreading of Christianity in China; and the introduction of Western learning into China. It covers a period starting from the beginning of Western Han (120 B. C.) to the end of the eighteenth century. Elective : 3, 4, 5. F 3:10, S 8:00. Mr. Chang

History 65-66 The Modernization of China 3-3 credits

An introduction to the study of China's cultural changes in recent times, from the point of view of the comparative history of civilizations. The course limits itself to the two main objectives of giving the student a systematic view of the questions requiring investigation and of introducing him to the accounts of foreign eye-witnesses and other literature of value in English, French, and German. (Knowledge of French and German is, however, not required.) Elective : 3, 4, 5. TThS 9:20. Mr. de Vargas

History 73-74 Modern History of the Far East 2-2 credits
A general outline of the political, commercial, and cultural relations among the nations of the Far East and between them and the West. Lectures, reports, and discussions. Elective : 2, 3, 4. F 2:10-4:00. Mr. Hung

History 75-76 History of Japan 2-2 credits
Elective : 1, 2, 3. T 3:10-4:00. Mr. Feng

History 77-78 History of Western Asia 2-2 credits
Elective : 2, 3, 4. F 10:20-12:10. Mr. Han

History 79-80 History and Geography of the Southern Pacific 2-2 credits
Development of Indian and Mohammedan civilizations ; their early relations with China ; conquest by the European powers ; European government, condition of the Chinese conquest. Elective : 3, 4, 5. Not offered in 1936-1937. Mr. Chang

History 91 The Historical Foundations of Western Civilization 3 credits

A brief survey of the history of the West from the earliest times to the fall of the Roman Empire. Elective : 1, 2, 3. MWF 8:00. Miss Burt

History 92 Development of Modern Nations in the West 3 credits

A brief survey of the history of the West from the fifth century to the present day. Elective : 1, 2, 3. MWF 8:00. Miss Burt

*History 101 The Ancient West to 400 B.C. 3 credits
Elective : 2, 3, 4. MWF 10:20. Miss Wood

History 102 Later Greece and Rome 3 credits
Elective : 2, 3, 4. MWF 10:20. Miss Wood

History 103 Medieval Europe and the Renaissance, 476-1500 3 credits
Elective: 2, 3, 4. Not offered in 1936-1937.

History 104 Reformation and Revolution, 1500-1815 3 credits
The West from the sixteenth century to 1815. Elective : 2, 3, 4. Not offered in 1936-1937. Mr. Ritter

History 105 Europe, 1815-1871 3 credits
A study of European history with special reference to the unification of Italy and Germany and the growth of nationality during the period 1815-1871. Elective: 2, 3, 4. TTh S 8:00. Miss Burt

History 106 Europe, 1871 to 1914 3 credits
A continuation of History 105 but with special reference to the expansion of the West, the developments leading to the War of 1914-1918, and the growth of internationalism. Elective: 2, 3, 4. TThS 8:00. Miss Burt

*History 107-108 Europe since 1918 3-3 credits
A study of national and international politics, economic life, and cultural developments. Elective: 3, 4, 5. MWF 9:20. Mr. de Vargas

* Courses 101-108 form a complete course of western history by periods in eight semesters.

The Major : From 62 to 68 credits in philosophy including the following courses :

Philosophy 1	Life Ideals	3 credits
Philosophy 21	How We Think	3
Philosophy 26	Advanced Logic	3
Philosophy 29	Metaphysics	3
Philosophy 41-42	Ethical Theories	2-2
Philosophy 71-72	History of Chinese Philosophy	3-3
Philosophy 73-74	History of Western Philosophy	3-3
Philosophy 75	History of Indian Philosophy	3
Philosophy 78	Comparative Philosophy	3
Philosophy 85-86	Contemporary Philosophy	3-3
Philosophy 121-12	Plato	3-3
Philosophy 131-132	The Cartesian Philosophy	3-3
Philosophy 143-144	Kant	2-2
Philosophy 161-162	Philosophy of Religion	2-2
Philosophy 199-200	Senior Thesis	2 to 6

It is recommended that all students majoring in philosophy take their advanced work on the basis of Honors Courses, arranging with the chairman of the department and the several professors as to the details of their work.

Correlated Subjects : 16 to 24 credits. The following courses are especially recommended :

Chinese 173	Philosophy of Chuangtze	3 credits
Chinese 176	Philosophy of Confucius, Mencius, and Hsüntze	3
Chinese 177	Philosophy of Chu Hsi	3
Chinese 180	Philosophy of Wang Yang-ming	3
Education 144	Philosophy of Education	3
English 51-52	Currents of Modern Thought	2-2

The Combined Major : By arrangement with the departments of Chinese, Education, Western Languages, and Sociology, a qualified student may take a combined major in any one of these departments and the Department of Philosophy. For such combinations the general principle is that the

fundamental courses in both departments must first be taken, the student then arranging further work in consultation with the two chairmen and taking approximately one half of his advanced work in each department. The combined major gives the student an opportunity to make a selection of courses better adjusted to his own interests than is possible under the more rigid department requirements.

Philosophy 1 or 2 Life Ideals 3 credits

In simple terms and with concrete illustrations from practical experience the major problems of human thought and life are presented and discussed with a view to helping students to an analysis of their own life ideals and philosophic outlook. Elective : 1, 2, 3, 4. TThS 9:20.

Mr. Porter

Philosophy 21 or 22 How We Think 3 credits

The course begins with the practical experience and real problems of thinking that students face in their university work and is designed to give them suggestions that will help them to understand their own need for logical and scientific thinking. By discussion and lectures and assigned readings the various problems of logic will be developed, the nature and place of deduction and of induction in the whole process of reflective thought, the fundamental assumptions underlying all thinking, the nature and use of hypotheses, methods of observation, of experiment, and of testing and verifying hypotheses. Finally consideration will be given to all the ways of knowing and the problem of applying empirical and scientific methods to ethical, aesthetic, and religious thinking. Selected readings will be prepared for the use of each student to form the basis of discussion and of lectures. Elective : 1, 2. MWF 8:00 Section A and B; TThS 8:00 Section C.

Mr. Chang, Mr. Mei, and Mr. Porter

Philosophy 23-24 General Logic 2-2 credits

A systematic study of deductive and inductive logic with exercises on the syllogism and both formal and material fallacies. Basic reference book : Eaton's *General Logic*. Prerequisite : Philosophy 21. Elective : 2, 3. MW 9:20.

Mr. Chang

Philosophy 26 Advanced Logic 3 credits

A thorough study of the fundamental problems of logic, both classical and modern. Formal, epistemological, and symbolic logic will be reviewed. Books of reference : Bosanquet's *Logic*; Hobhouse's *Theory of Knowledge*; Bradley's *Principles of Logic*. Prerequisite : Philosophy 21. Elective : 2, 3, 4, 5. TThS 8:00. Not offered in 1936-1937.

Philosophy 29 Metaphysics 3 credits

A critical examination of the fundamental concepts of metaphysics such as mind and matter, space and time, appearance and reality, the one and the many. Special readings in contemporary philosophers will be assigned. Elective: 3, 4, 5. Hours to be arranged. Mr. Chang

Philosophy 41-42 Ethical Theories 2-2 credits

A thorough study of the important concepts in ethics such as good and evil, right and wrong, virtue and justice, duty. This course not only attempts to help the student understand the subject clearly, but also emphasizes independent thinking. Elective: 3, 4. Not offered in 1936-1937. Mr. Mei

Philosophy 57 Aesthetic Theories 3 credits

A study of the theories of aesthetics, such as form and content. Prerequisite: Philosophy 1. Elective: 3, 4. Not offered in 1936-1937.

Philosophy 71-72 History of Chinese Philosophy 3-3 credits

A survey of Chinese thinking from the Chou Dynasty to recent times. Elective: 1, 2. MWF 11:20. Mr. Chang

Philosophy 73-74 History of Western Philosophy 3-3 credits

A survey of Western thinking from the early Greeks up to the middle of the nineteenth century. The history of Western ideas will be related to the social and political background as well as to the personalities of the outstanding thinkers. An attempt will be made to face the development of thinking which has led to the thought forms and spirit that characterize tendencies of modern Western world-views. Elective: 1, 2, 3. MWF 10:20. Mr. Chang

Philosophy 75 History of Indian Philosophy 3 credits

A survey will be made of the chief periods and the important schools of Indian philosophy and their development. Students will be given assigned readings in Radakrishan's *Indian Philosophy* and Dasgupta's *Indian Philosophy*, with selected passages from the *Upanishads* and Buddhist sutras, as a basis for class discussion. Elective: 2, 3, 4. TThS 9:20. Mr. Porter

Philosophy 78 Comparative Philosophy 3 credits

The attempt will be made to analyze the important periods and distinctive movements in the history of Western, Chinese, and Indian philosophy, to summarize the typical ideas of each movement and to make a comparison between these typical ideas, both as to the forms in which they are expressed and with regard to the developmental connection between

the ideas. The method of discussion with frequent papers from members of the class will be used. Open to students who have previously studied the histories of Chinese, Western, and Indian philosophy. Elective: 3, 4, 5. TThS 9:20. Mr. Porter

Philosophy 79 or 80 The Pulse of Chinese Thought 3 credits

A survey of the periods of Chinese philosophy and the different schools of thought which developed, with a view to helping Westerners in particular to gain a general view of the ebb and flow of China's thought-life. Special attention will be paid to the notable creative thinkers and the general characteristics of their way of thinking. Elective: 1, 2, 3. Time to be arranged. Mr. Porter

Philosophy 85-86 Contemporary Philosophy 3-3 credits

Assigned readings will be given in the writings of contemporary representatives of Naturalism, Idealism, Realism, Humanism, and Pragmatism. Discussion and lectures will supplement the readings. Salient problems in philosophy that await solution will be especially considered. Prerequisite: Philosophy 1 or Philosophy 73-74. TThS 10:20. Mr. Porter

Philosophy 104 Philosophy of Moh T. and His Followers 2 credits

A critical study of the original works. Elective: 4, 5. WF 9:20. Mr. Mei

Philosophy 121 Plato's *Republic* 3 credits

Plato's *Republic* will be read in English translation with careful attention to the development of the argument. Explanation, lectures, and discussion will be used with several papers from each student during the semester. The class will meet twice a week. Prerequisite: Philosophy 21 and Philosophy 73-74. Elective: 3, 4. TTh 10:20. Mr. Chao

Philosophy 122 Plato: Selected Dialogues 3 credits

This is a continuation of the preceding course and will be conducted in the same way. Prerequisite: Philosophy 21 and Philosophy 73-74. Elective: 2, 3, 4. TTh 10:20. Mr. Chao

Philosophy 126 Philosophy of Aristotle 3 credits

The problems of metaphysics, logic, and psychology, will be studied with special reference to *Metaphysica* and *De Anima*. The ethical and political philosophy of Aristotle as contained in *Nicomachean Ethics* and *Politics* will be studied also. Prerequisite: Philosophy 21 and Philosophy 41-42 or Philosophy 73-74. Elective: 3, 4, 5. MWF 9:20. Not offered in 1936-1937.

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Philosophy 131-132 The Cartesian Philosophy 3-3 credits

An intensive study of Descartes' *Method, Meditations, and Principles* and of Spinoza's *Ethics*. Elective: 2, 3, 4. Not offered in 1936-1937.

Mr. Porter

Philosophy 139-140 The English Empirical School 3-3 credits

Locke's *An Essay concerning Human Understanding*, Berkeley's *Treatise concerning Principles of Human Knowledge* and *Three Dialogues between Hylas and Philonous*, and Hume's *A Treatise on Human Nature* will be carefully read and discussed. Several papers will be required from each member of the class. Elective: 2, 3, 4. Not offered in 1936-1937.

Philosophy 143-144 Kant 2-2 credits

A detailed study of the metaphysical and epistemological problems in the *Critique of Pure Reason* and the ethical and aesthetic problems in the other two critiques. Prerequisite: Philosophy 73-74. Elective: 3, 4, 5. WF 9:20.

Mr. Chang

Philosophy 147 The German Idealists 3 credits

Selected readings from Fichte, Schelling, and Hegel will be made the basis for discussion of the metaphysical and epistemological problems of Idealism. Prerequisite: Philosophy 73-74. Elective: 3, 4, 5. Not offered in 1936-1937.

Philosophy 149-150 History of Materialism 3-3 credits

A study of Materialism in the history of Western philosophy from Democritus to Karl Marx. Lange's *History of Materialism* will be used as the basic reference book with supplementary reading in English translations of the original works of the philosophers discussed. Lectures and discussion. The aim of the course is to introduce students to the basic concepts of materialism and the strength and weakness of those concepts. Prerequisite: Philosophy 73-74. Elective: 3, 4, 5. Offered in alternate years. TThS 9:20.

Mr. Mei

Philosophy 161-162 Philosophy of Religion 2-2 credits

A study of religion in general with reference to its three fundamental problems, namely those of knowledge, freedom, and permanence of value. Elective: 3, 4, 5. WF 10:20.

Mr. Chao

Philosophy 165-166 Problems of Religion 2-2 credits

Designed to help students think through some of the religious problems which are confusing thinking men in our day. Conducted as an open forum with group discussion. Elective: 1, 2, 3. Time to be arranged.

Mr. Rugh

Philosophy 167-168 Religion in Contemporary Philosophy 2-2 credits

A study of the religious thought in contemporary philosophy. Elective: 3, 4, 5. Not offered in 1936-1937.

Philosophy 169-170 Christian Thought and Chinese Philosophy 2-2 credits

Elective: 3, 4, 5. MW 3:10.

Mr. Wu

Philosophy 171-172 Theism in Human Thinking 2-2 credits

A study of the idea of God in the philosophies of Hume, Kant, Hegel, Bergson, James, and others. Elective: 3, 4, 5. TTh 11:20.

Mr. Chao

Philosophy 181-182 Chinese Social and Political Thinking 3-3 credits
(Sociology 103-104)

A survey of the chief schools of Chinese philosophy and the history of their development through all the periods of Chinese history, with special attention to the problems of human relationships and the theories of social structure and political institutions that were developed to adjust those relationships. Elective: 3, 4, 5. MWF 11:20.

Mr. Chang

Philosophy 183-184 Western Social and Political Thinking 3-3 credits

In the first semester Plato's *Republic*, Aristotle's *Politics*, selections from the writings of Roman jurists, and Macchiavelli's *Prince*, are carefully read and discussed. Several class papers are written. In the second semester selected chapters from Hobbes' *Leviathan*, Rousseau's *Social Contract*, Mills' *Essay on Liberty*, and selections from Comte, Hegel, Spencer, and several modern discussions of the State, are read and discussed in papers and at class sessions. The selections for students majoring in sociology and in political science will be made with reference to their special interests. Elective: 3, 4, 5. MWF 11:20.

Mr. Porter

Philosophy 188 The Philosophy of Science 2 credits

The attempt will be made to examine and understand the principles underlying scientific method by following the history of the development of that method in a selected number of particular cases in the field of the natural sciences. The advantages and difficulties involved in the application of scientific method in the field of the social sciences and to moral and esthetic values will also be discussed. Prerequisite: Philosophy 21. Elective: 2, 3, 4. TTh 8:00.

Mr. Porter

Philosophy 199-200 Senior Thesis 2 to 6 credits

PSYCHOLOGY

*T. T. Lew, Ph.D. *Professor and Chairman*
 Luh Chih-wei, Ph.D. *Professor*
 Randolph C. Sailer, Ph.D. *Professor*
 Hsia Yün, M.S. *Instructor*
 Miss Wu T'ien-min, M.S. *Research Assistant (part-time)*

Miss Chao Lo-jui, B.A., (Mrs. Ch'en Meng-chia) *Research Assistant (part-time)*

The aim of the department is to provide work in psychology needed by students of closely related departments; to offer introductory courses in psychology to all students; to impart a scientific knowledge of theoretical and experimental psychology to students majoring in psychology, and to train them to do independent research work, and to teach psychology in colleges and middle schools; and to give special training in the various fields of applied psychology.

The Major: a major in psychology consists of from 32 to 50 credits in which the following courses must be included:

Psychology 1	General Psychology	3 credits
Psychology 5	Advanced Psychology I	4
Psychology 6	Advanced Psychology II	4
Psychology 105-106	Systematic Psychology	2-2
Psychology 117	Statistical Methods	3
Psychology 151-152 or 153-154	Psychology of Childhood or Adolescence	2-2
Psychology 191-192	Journal Club (4 semesters)	4
Psychology 199-200	Senior Thesis	4 to 6

The senior thesis, amounting to not less than four credits of work, must be written on an experimental topic.

Correlated subjects: Major students must elect a sequence of twenty credits in a correlated subject, preferably biology, physics, education, or sociology. These courses must be selected under the supervision of the chairman of the department.

A suitable curriculum will be worked out for each major student.

*On leave of absence, second semester 1936-1937.

Psychology 1 or 2 General Psychology 3 credits

This course deals with the fundamentals of human nature and behavior, the processes of adjustment and socialization. Two lectures and one discussion each week. Elective: 1, 2, 3. MWF 8:00 Sections A and B; TThS 8:00 Section C. Mr. Luh and Mr. Hsia

Psychology 5 Advanced Psychology I 4 credits

This course immediately follows Psychology 1. It is an introduction to the data of experimental psychology and the application of experimental methods to the study of psychological problems. The main topics are sensation, perception, thought. Three hours of lecture and discussion and three hours of laboratory. Prerequisite: Psychology 1. Not offered in 1936-1937.

Lecture: Mr. Luh
 Laboratory: Mr. Hsia

Psychology 6 Advanced Psychology II 4 credits

A continuation of Psychology 5. Original nature, learning, and memory, will be studied. Three hours of lecture and discussion and three hours of laboratory. Prerequisite: Psychology 1. Not offered in 1936-1937.

Lecture: Mr. Luh
 Laboratory: Mr. Hsia

Psychology 9 or 10 Mental Hygiene 3 credits

A study of common personal problems and difficulties viewed as maladjustments in the development of personality. Elective: 1, 2, 3. TThS 8:00. Mr. Sailer

Psychology 16 (Education 16) Educational Psychology 3 credits

A study of psychological principles applied to educational problems. Prerequisite: Psychology 1. Elective: 1, 2, 3, 4. TThS 10:20. Mr. Luh

Psychology 101 Seminar Credits to be arranged

Prerequisite: Psychology 5, 6, or special permission of the instructor. Not offered in 1936-1937. Mr. Luh

Psychology 105-106 Systematic Psychology 2-2 credits

A systematic study of the theoretical basis of some representative schools. Prerequisite: ten credits of psychology; for students of philosophy, Psychology 1-2 only. Elective: 3, 4, 5. MW 9:20. Mr. Luh

Students whose primary interest is in other subjects of university study and who expect to teach such subjects in middle schools are encouraged to choose such courses in the Department of Education as will prepare them for effective teaching and for a teacher's intelligent participation in the broader tasks of education. Such students, who take their major studies in other departments and choose education as a correlated subject, may become candidates for Form B Diplomas.

In addition to providing for these professional interests, the department maintains that education as a study is one of the most important of the social sciences and possesses a broad educational value. Accordingly it welcomes into its courses students who do not plan for educational careers but wish to acquaint themselves with the principles and practices of education as one of society's most important enterprises.

GENERAL COURSES IN EDUCATION

Special Requirements: Eight credits of Sophomore English.

The Major: Students specializing in education may become candidates for the University Diploma in Education by fulfilling the requirements listed here. All candidates for diplomas, whether Form A or Form B, will be required to include the following courses in education. The first two, as being prerequisite to most of the courses in the department, should be taken before the junior year if possible.

Education 3	Introduction to Education	3	credits
Education 16	Educational Psychology	3	
Education 125	Secondary Education	3	
Education 126	Methods of Teaching	3	
Education 173, 174	Practice Teaching	2	
Education 199-200	Senior Thesis	2 to 4	

Form A Diploma: The major subject must be education, with a minimum of 32 credits in the three upper years of the course. The correlated subject must be one of the subjects of the school curriculum selected by the student as one which he desires to teach, with a minimum of 20 credits, including a special methods course in the subject, if available.

Form B Diploma: The major subject must be one of the subjects in arts or sciences which the candidate is preparing to teach, with a minimum of 32 credits in the three upper years of the course. The first correlated subject must be a secondary subject the candidate chooses to teach, with a minimum of 20 credits. The second correlated subject must be education, with a minimum of 20 credits, including a special methods course in the major subject, if available.

The following special methods courses offered by other departments are recommended to students expecting to teach any of these subjects:

Chinese 170	Methods of Teaching Chinese in Middle Schools	3	credits
English 161	Methods of Teaching English	3	
History 196	The Teaching of History	2	
Music 101-102	Teaching Methods and Practice Teaching	2-2	
Home Economics 102	Methods of Teaching Home Economics	3	
Mathematics 113-114	Methods of Teaching Mathematics	2-2	

RURAL RECONSTRUCTION PROGRAM

Yenching University, in and through the Departments of Education and Sociology, has joined with other institutions in the organization of the North China Council of Rural Reconstruction. In this cooperative enterprise the Department of Education undertakes to train administrators, research workers, and general leaders in rural education. The first part of the training is chiefly in course work on the campus and the second will be spent in the Council's experiment station in observation, participation, and practical work.

Undergraduate students who wish to take the rural training course will spend the first three and a half years on the campus with occasional visitations to the rural experiment stations and the second semester of the senior year in the field under supervision. Upon completion of the four-year course, the student may receive a Form A Diploma from the department,

provided he has fulfilled the requirements for the correlated subject. The following courses are required :

<i>First Year</i>		
Chinese 1-2	Freshman Chinese	3-3 credits
English 1-2	Freshman English	4-4
Biology 3-4	Human Biology	3-3
Psychology 1	General Psychology	3
Education 3	Introduction to Education	3
Education 16	Educational Psychology	3
Sociology 2	Introduction to Sociology	3
<i>Second Year</i>		
Chinese 5	Colloquial Composition	2
Chinese 8	Documentary Composition	2
Economics 2	Introduction to Economics	3
Education 103	Problems in Chinese Educational Administration	3
Education 139	Educational Sociology	3
Education 141	Educational Statistics	3
Education 164	Rural Education	3
Political Science 35-36	Hsien Government	3-3
English 5-6 may be required at the discretion of the department.		
<i>Third Year</i>		
Education 117	Mass Education	3
Education 125	Secondary Education	3
Education 126	Methods of Teaching	3
Education 130	Elementary Education	3
Education 140	Problems of Educational Sociology in China	3
Education 146	Educational Tests and Measurements	3
Education 155	Normal Education	3
Education 158	Rural School Curriculum	3
<i>Fourth Year</i>		
Education 121	Methods of Teaching in Rural Schools	3
Education 168	Comparative Adult Education	3

Education 173	Practice Teaching	1
Education 199-200	Senior Thesis	2
Education 211	Administration in Rural Education	3

The graduate course runs for two years. The first year will be spent chiefly on the campus for a thorough grounding in courses of an advanced nature in methods of research and in administration. Toward the end of the year the student is required to take an extensive trip to all possible rural reconstruction experiment stations for an understanding of the nature of the work on the field. The following courses are required during the first year :

Education 103	Problems in Chinese Educational Administration	3 credits
Education 201	Problems of School Administration	3
Education 204	New Theories of the Curriculum	3
Education 211	Administration in Rural Education	3
Education 214	Special Problems in Rural Education	3

SPECIAL NORMAL COURSES

With the cooperation of the College for Women the Department of Education conducts a kindergarten and offers systematic courses dealing with nursery, kindergarten, and primary education. The four-year course is intended to prepare for teaching in normal schools which train kindergarten and primary teachers. Students who complete the course become candidates for the bachelor's degree and for the Form A Diploma of the Department of Education. The two-year course offers a training at the college level for students who expect to teach in nursery, kindergarten, or primary schools. Those who complete the course may receive a Short Course Diploma.

Required Courses for the Four-year Course: Students should follow the usual curriculum for a major in the Department of Education, and should take in addition the courses in Kindergarten and Primary Education, numbered N1 to N10, and also :

Education 130	Elementary Education	3 credits
Education 139	Educational Sociology	3
Education 146	Educational Tests and Measurements	3
Education 151-152	Psychology of Childhood	2-2

Required Courses for the Two-year Course

Chinese 1-2	Freshman Chinese	3-3 credits
English 1-2	Freshman English	4-4
Psychology 1	General Psychology	3
Education 3	Introduction to Education	3
Education 16	Educational Psychology	3
Education 130	Elementary Education	3
Education 139	Educational Sociology	3
Education 151-152	Psychology of Childhood	2-2

and the courses in Kindergarten and Primary Education, numbered N1 to N10.

Education 3 Introduction to Education 3 credits

This is a brief introductory course in the study of education. The meaning and aim of education, its relationship with biology, psychology, and sociology, and its function in promoting human progress, will be considered. Elective: 1, 2, 3, 4. TThS 9:20. Mr. Galt

Education 16 (Psychology 16) Educational Psychology 3 credits

A study of the psychological principles in application to educational problems. Prerequisite: Psychology 1. Elective: 1, 2, 3, 4. TThS 10:20. Mr. Luh

Education 103 Problems in Chinese Educational Administration 3 credits

This course deals with the meaning, principle, system, and organization of educational administration, involving the following topics: educational system, administrative organization, educational finance, and teacher training. Elective: 2, 3, 4. MWF 9:20. Mr. Chang

Education 106 Extracurricular Activities 3 credits

Besides general principles underlying extracurricular activities, this course is to be mainly devoted to the discussion of various kinds of organizations—their functions and ways to direct students' participation in them. Special attention will be paid to those organizations which are comparatively common in Chinese schools. Elective: 3, 4. MWF 9:20. Mr. Ouyang

Education 117 Mass Education 3 credits

A survey of the development of mass education in China. Mass education is taken in a broad sense to include all efforts to educate the masses in literacy education, public health, agricultural and economic improvement, civic education, training in self-defense. A comparative and critical study will be made of the rural reconstruction programs now being conducted at such well-known centers as Tingsien, Tsou-ping, Wusih. Elective: 3, 4, 5. MTW 2:10. Mr. Chu

Education 121 Methods of Teaching in Rural Schools 3 credits

A study of modern methods of teaching with special application to the rural school in China. Both theoretical foundations and concrete applications will be emphasized. A critical analysis will be made of Chinese innovations in teaching methods and instructional organizations such as the "Little Teacher" system and the *Tao-Sheng* system. Elective: 3, 4, 5. MTW 3:10. Mr. Chu

Education 125 Secondary Education 3 credits

As an introduction to the subject, the general organization of secondary schools, and the general characteristics of secondary school pupils, will be considered. Elective: 3, 4. WThF 11:20. Mr. Chou

Education 126 Methods of Teaching 3 credits

This course deals with various problems concerning teaching, with special emphasis on the application of new findings in psychology and other studies. Elective: 3, 4. MWF 10:20. Mr. Ouyang

Education 127 Modern Educational Theories 3 credits

This course gives a critical study of different theories in education as maintained by well-known modern educators both in Europe and America, so as to enable the student to form a clear picture of modern educational ideals. Elective: 3, 4, 5. MWF 2:10. Mr. Ouyang

Education 130 Elementary Education 3 credits

This course deals in general with various problems in the field of elementary education. Because of the great importance of rural education for China to-day special emphasis is laid on rural elementary schools. Elective: 2, 3, 4. MWF 2:10. Mr. Ouyang

Education 139 Educational Sociology 3 credits

This course is a brief introduction to the study of educational sociology. The social element in the theory of education, the contributions of sociology to educational procedure, and the introduction of socialized methods into the school will be considered. The chief elements in the method will be readings, discussions, and lectures. Elective : 2, 3, 4. MWF 1:10. Mr. Galt

Education 140 Problems of Educational Sociology in China 3 credits

This course presupposes the preceding course or its equivalent. The social foundations of education in China, the contributions of social thought from abroad, and the resulting issues and problems will be considered. Elective : 2, 3, 4. MWF 1:10. Mr. Galt

Education 141 Educational Statistics 3 credits

This course helps the student to study statistical methods and their uses in the field of education, so that he can utilize them as instruments for the study of different problems and organize educational materials for research. Elective : 2, 3, 4. TTh 2:10-4:00. Mr. Sailer

Education 144 Philosophy of Education 3 credits

An advanced course which considers the significance of education in present day civilization with special reference to the political, social, and cultural tendencies of the times. The truths and principles arrived at will be applied to present day problems in education in China. Elective : 3, 4, 5. Not offered in 1936-1937. MWF 2:10. Mr. Galt

Education 146 Educational Tests and Measurements 3 credits

This course aims to acquaint the student with the theory and uses of educational tests and scales. Emphasis is put on the various methods by which tests are made use of to solve practical problems for the superintendent, the supervisor, the principal, and the teacher. The construction of scales is also considered. One important feature of this course is the application of tests to elementary and middle school pupils and the treatment and interpretation of results. Elective : 2, 3, 4. WThF 11:20. Mr. Chou

Education 149 Comparative Education 3 credits

Educational systems, ideals, and practices in England, America, Germany, France, Russia, Italy, and Japan are discussed in considerable detail. Attention will be directed to a comparison of educational problems in these countries with those in China. Elective : 3, 4, 5. MWF 11:20. Mr. Ouyang

Education 151-152 Psychology of Childhood 2-2 credits
(Psychology 151-152)

This is an introductory course presenting the main facts concerning the psychology of children. Emphasis will be placed upon the significance of these facts for education and an acquaintance with the literature concerned. Prerequisite : Psychology 1 or Education 16 or special permission of the instructor. Elective : 2, 3, 4. WF 10:20. First semester: Mr. Lew Second semester : Mr. Sailer

Education 153-154 Psychology of Adolescence 2-2 credits
(Psychology 153-154)

This is an introductory course presenting the main facts concerning the psychology of adolescents. It will include the reading of a certain amount of literature illustrating experiences of adolescents. Application of the principles to the educational problems of youth, especially middle school students, will be emphasized. Prerequisite : Psychology 1 or Education 16 or special permission of the instructor. Elective : 2, 3, 4. TTh 9:20. Education 154 will not be offered in 1936-1937. Mr. Lew

Education 155 Normal Education 3 credits

This course first gives a short survey of the development and general status of normal education in China and other countries, followed by a detailed discussion of how to train competent teachers for Chinese public schools, with special reference to rural districts. Topics like selection of students and follow-up work, which are of great importance in the field of teacher training and yet have been generally neglected, are to be discussed at considerable length. Elective : 3, 4, 5. MWF 9:20. Mr. Ouyang

Education 158 Rural School Curriculum 3 credits

Principles and techniques of curriculum making, with special reference to the contents and problems of the rural school curriculum. The course aims to study in detail the problem of integrating the rural school curriculum with a comprehensive program of rural reconstruction in China. Electives : 3, 4, 5. MTW 2:10. Mr. Chu

Education 161 Methods of Educational Research 3 credits

This course discusses the different methods in educational research and the necessary steps by which a thesis is to be written, including such features as the selection of a topic, investigation of bibliography, setting of hypothesis, collection and classification of data. Elective : 3, 4, 5. MWF 10:20. Mr. Chang

Education 164 Rural Education 3 credits

This course discusses the meaning and function of rural education. Selection of material and methods of teaching in rural schools will also be dealt with. Elective: 3, 4, 5. MWF 10:20. Mr. Chang

Education 166 Rural Survey 3 credits

This course aims to provide those who are interested in rural reconstruction work with methods of surveying both rural schools and rural districts, so that they may be equipped with the necessary instruments of preliminary investigation into rural conditions. Elective: 3, 4, 5. MWF 9:20.

Mr. Chang

Education 168 Comparative Adult Education 3 credits

This course deals with the aim, history, and organization of adult education in different countries of the West. It also treats the sources of educational finance and general conditions of administration in these countries. Special emphasis will be put on adult education in England and the United States. Elective: 3, 4, 5. MWF 11:20.

Mr. Chang

Education 173, 174 Practice Teaching 1, 1 credits

Education 199-200 Senior Thesis 2 to 4 credits

Education 201 Problems in School Administration 3 credits

Problems in the organization and administration of schools will be analyzed and discussed. Special attention will be given to the duties of the principal and the organization of the faculty. Seminar methods will be used in part. Elective: 4, 5. MWF 10:20.

Mr. Galt

Education 204 New Theories of the Curriculum 3 credits

With the growth of civilization, the choice and arrangement of the materials of education increase in difficulty. Many new theories and methods affecting the construction of school curricula have been developed. In the present course these new theories and methods will be considered. Materials and methods will be adapted as far as possible to the needs and experiences of those who enter the course. Elective: 4, 5. MWF 10:20.

Mr. Galt.

Education 205-206 Educational Experimentation 3-3 credits

This course discusses the application of statistical methods and educational and intelligence tests to the study of, and experimentation in, different problems in education. The investigation of educational conditions,

comparison of the pupils' educational products, and experimentation with methods of teaching, are all within the province of this course. During the second semester much time will be devoted to the various tests of statistical results. The course is recommended to administrators, as well as to research students in education. Prerequisite: Education 141 or its equivalent. Elective: 4, 5. ThF 8:00.

Mr. Chou

Education 211 Administration in Rural Education 3 credits

This course is designed for students who wish to specialize in local educational administration. It discusses the special features of rural education, the unit of administration, the raising and distributing of educational funds, the system of supervision, and consolidated schools. Elective: 4, 5. MWF 9:20.

Mr. Chang

Education 214 Special Problems in Rural Education 3 credits

A seminar course for seniors and graduates. After a treatment of certain problems in rural education in relation to political, economic, social, and cultural problems in China, members of the class will be asked to make individual studies of special problems selected according to individual interests. Elective: 4, 5. MTW 3:10.

Mr. Chu

SPECIAL NORMAL COURSE IN KINDERGARTEN AND PRIMARY EDUCATION

Education N1 Pre-School Education 3 credits

This course deals with the educational and social significance of early childhood; the factors of the child's environment, his physical and mental growth, emotional development, and the principles of habit formation and character training. Elective: 2, 3, 4. MWF 11:20.

Miss Tseng

Education N2 Methods of Teaching and Supervising Nursery Schools, Kindergarten and Primary Grades 3 credits

A course in the teaching and supervision of nursery schools and kindergarten and primary grades, designed to give a thorough survey of the progressive methods in kindergarten and primary grades, with an evaluation of the types of teaching and organization. Elective: 2, 3, 4. MWF 11:20.

Miss Tseng

Education N3 Children's Literature 3 credits

This course includes a study of children's literature from nursery school through kindergarten and primary grades. The criteria for selection and the evaluation of literature suitable to different age levels are presented and practice in story-telling and reading is included. Elective: 2, 3, 4. TTh 10:20.

Miss Tseng

Education N4 Fine and Industrial Arts 2 credits

Through this course the students should become acquainted with those materials which are most suitable for the creative expression of young children. Elective: 2, 3, 4. MW 3:10. Miss Tseng

Education N5 Music Education of Early Childhood 2 credits

This course offers a study of the musical interests and abilities of early childhood. Music suitable for children, both Chinese music and that of other lands, including folk songs and music for rhythmic and dramatic play activities, will be presented. The methods of presenting this material to children will be considered. Elective: 2, 3, 4. TTh 3:10. Miss Tseng

Education N6 Play Education 2 credits

This course considers theories of play and play activities and materials at different age levels, together with a study of methods suited to individual and group teaching, both at home and at school. Elective: 2, 3, 4. TTh 2:10. Miss Tseng

Education N7 Supervised Observation 2 credits

The aim of this course is to guide the student in observing and studying the equipment and arrangement of the classroom, the organization and activities of pupils, curricular materials, and teaching procedure. Elective: 3, 4. S 8:00-12:00. Miss Tseng

Education N8 Nature Study 2 credits

A course of nature study and methods of teaching it. Among the topics included are flowers, trees, insects, animals, weather, and sky. Consideration will be given to methods of presenting these topics to children in such a way that they may become actively and permanently interested in nature. Elective: 3, 4. S 8:00-10:00. Miss Tseng

Education N9 Directed Teaching in the Primary Grades 2 credits

This course offers students an opportunity to practise what they have studied. Actual planning of and participation in activities of the classroom are required. Time to be arranged. Miss Tseng

Education N10 Directed Teaching in Kindergarten 4 credits

This course offers students an opportunity to practise what they have studied. Actual planning of and participation in activities of the classroom are required. Time to be arranged. Miss Tseng

MUSIC

Miss Ruth L. Stahl, Mus. B. *Assistant Professor and Chairman*
Bliss Wiant, M.A. *Assistant Professor*
Miss Adeline H. Veghte, B.A., Mus. B. *Lecturer*

Mrs. Bliss Wiant, B.A. *Honorary Instructor in Voice*
Kuo Shao-yü *Professor of Chinese*
Yang Yin-liu *Research Fellow in the Harvard-Yenching Institute*

The aim of the Department of Music is not only to train teachers of music but also to develop an appreciation of music among all members of the University community.

The Major: A major consists of at least 44 credits in music as follows:

Music 1-2, 3-4, 5	Piano	10 credits
Music 11-12	Ear Training	3-3
Music 21-22	First Year Harmony	3-3
Music 25-26	Counterpoint	3-3
Music 51-52	History and Appreciation of Music	3-3
Music 55-56	History of Chinese Music	2-2
Music 101-102	Teaching Methods and Practice Teaching	2-2
Music 199-200	Graduation Recital	2

Correlated Subjects: Students are required to take from 16 to 24 credits from one of the following departments: Chinese, Western Languages, History, Education, Philosophy, Psychology, or Home Economics.

Instruction without credit is given in piano and voice to those who desire such instruction. Special fees are listed in the *Guidebook for Students*.

Music 1-2 Piano 2-2 credits

Students able to play satisfactorily a Two-part Invention by Bach, a Haydn or Mozart Sonata, a Song Without Words by Mendelssohn, or works of equal difficulty, may be admitted to piano courses with credit, if the course is preceded or accompanied by Music 21-22. Elective: 1, 2, 3, 4. Special permission must be secured from the chairman of the department.

Music 3-4	Second Year Piano	2-2 credits
Music 5-6	Third Year Piano	2-2 credits
Music 7-8	Voice	1-1 or 2-2 credits

Students who wish to obtain credit for voice lessons must have formed correct habits of breath control and voice placement, must be able to read at sight simple songs of folk song difficulty, sing satisfactorily selections from old Italian composers in Italian, or songs of Schumann or Schubert in English, and secure permission from the instructor. Prerequisite: Music 21-22. Elective: 3-4. Mrs. Wiant

Music 11-12	Ear Training	3-3 credits
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The course includes melodic and harmonic dictation and sight singing. Elective: 1,2,3,4. TThS 8:00. Miss Stahl

Music 21-22	First Year Harmony	3-3 credits
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Study of scales, intervals, and chords; harmonization of melodies and basses; keyboard harmony. Elective: 1,2,3,4. Not offered in 1936-1937. TThS 9:20.

Music 23-24	Second Year Harmony	3-3 credits
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A continuation of Music 21-22 with emphasis on original work. Prerequisite: Music 21-22. Elective: 2,3,4. TThS 10:20. Miss Veghte

Music 25-26	Counterpoint	3-3 credits
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Elementary counterpoint in both strict and free style in two and three parts. Motive development leading into writing of simple two- and three-part inventions. Prerequisite: Music 21-22. Elective: 3, 4. Not offered in 1936-1937. MWF 8:00. Miss Stahl

Music 27-28	Orchestration	2-2 credits
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A study of the character of orchestral instruments and of adapting music for their use in ensemble. Prerequisite: Music 25-26. Elective: 3,4. ThS 11:20. Mr. Wiant

Music 29-30	Analysis and Form	2-2 credits
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This course includes harmonic analysis and a study of forms in music. Prerequisite: Music 25-26. Elective: 3,4. WF 11:20. Miss Veghte

Music 33-34	Composition	2-2 credits
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Practical composition in the simple forms, including the arrangement of old Chinese music. Prerequisite: Music 25-26. Elective: 4. Time to be arranged. Miss Stahl

Music 51-52	History and Appreciation of Music	3-3 credits
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A study of the development of music from primitive times to the present. Students are required to become familiar with recorded music of the masterpieces and pass examinations on these records as well as on lecture material. Elective: 1,2,3,4. MWF 9:20. Mr. Wiant

Music 55-56	History of Chinese Music	2-2 credits
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A study of the development, changes, and theories of Chinese music. Elective: 3,4. MW 10:20. Mr. Kuo and Mr. Yang

Music 101-102	Teaching Methods and Practice Teaching	2-2 credits
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Prerequisite: Music 1-2, 3-4, and 23-24. TTh 10:20. Miss Stahl

Music 131,132	Choral Society	1,1 credits
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Students may be admitted to this course only after consultation with the director of the Choral Society. The examination includes knowledge of the works studied during the semester. Th 6:45 p.m. Mr. Wiant

Music 199-200	Piano Recital	1-1 credits
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This is the graduation recital of piano music which takes the place of a thesis for students majoring in music.

JOURNALISM

Hubert S. Liang, M.A.	<i>Assistant Professor and Chairman</i>
*Vernon Nash, B. J., M.A.	<i>Professor</i>
Chang Yu-yi	<i>Lecturer (part-time)</i>
Ch'eng She-wo, B.A.	<i>Lecturer (part-time)</i>
Liu Ho-hsuan, B.A.	<i>Lecturer (part-time)</i>
Rudolph Lowenthal, Ph.D. (Berlin)	<i>Lecturer (part-time)</i>
Edgar Snow, B.J.	<i>Lecturer (part-time)</i>
James D. White, B.J.	<i>Lecturer (part-time)</i>
Hsieh Yu-lan	<i>Assistant</i>

Chang Tung-sun	<i>Professor of Philosophy</i>
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Classroom work and laboratory work are equally emphasized in the Department of Journalism. The practice work of the department finds

*On leave of absence, 1936-1937.

expression chiefly along three lines: publications by the department itself; contributions to daily and periodical publications outside the University; practice work in newspapers and news agencies during vacation time. In providing opportunities for this work the department is fortunate in having the close cooperation of the leading newspapers and news agencies throughout the country, particularly those in Peiping and Tientsin.

Special Requirements: At least 10 credits in Chinese in addition to Freshman Chinese; eight credits in Sophomore English.

The Major: A student who desires to major in journalism must complete at least 36 credits in journalism including:

Journalism 3-4	Applied Publicity and Public Relations	3-3 credits
Journalism 5	Introduction to Journalism	2
Journalism 101-102	Reporting	2-2
Journalism 113-114	News Writing and Editing	3-3
Journalism 115-116	News Interpretation	2-2
Journalism 199-200	Senior Thesis	2 to 4

Correlated Subject: A concentration of at least 20 credits in one subject preferably political science, economics, or sociology. Students are recommended to choose for their remaining electives, courses in geography, psychology, history, education, and philosophy.

Certificates: With special permission a student may spend five years in the University so that in addition to his major work in journalism he can also complete major work in some other department. Those who have completed 44 credits in journalism, have achieved at the time of graduation a general grade ratio of 6.2, have had a total of at least 150 credits, and in addition have done a year of satisfactory work in journalism or its kindred fields, will be given a Grade A Professional Certificate in addition to the diploma of the University or of the Ministry of Education.

Those who have completed 36 credits in journalism and have received a diploma from the University or the Ministry of Education and in addition have done a year of satisfactory work in journalism or its kindred fields after graduation, will be awarded a Grade B Professional Certificate.

Those who choose journalism as a minor and have completed at least 20 credits in this department will be awarded a Minor Certificate upon graduation from the University.

As a form of service to the journalistic profession the department is prepared to receive a limited number of experienced newspaper workers for special advanced training. The candidates must have the recommendation of the department before they can be admitted. To those who have spent at least a year in the department a special certificate will be given.

There is a news laboratory and library fee of \$1.00 per semester for each journalism course. The maximum charge will be \$5 per semester.

Journalism 3-4 Applied Publicity and Public Relations 3-3 credits
 A comprehensive study of the principles and techniques of modern publicity. Special attention is given to those quasi-public and social service institutions whose public relations are a peculiarly vital factor in their successful maintenance and operation. Advertising being a part of applied publicity, a study will be made of it in all its essential aspects. Elective: 1, 2, 3, 4. MWF 10:20. Mr. Liang

Journalism 5 Introduction to Journalism 2 credits
 A survey of the scope of the profession of journalism and an appraisal of its present and potential significance in the modern social order. A broad classification of publications is outlined with an analysis of the outstanding types. A preliminary study is made of the organization of personnel and equipment by which newspapers, magazines, and other periodicals are produced. The varied kinds of work throughout the entire field are described and discussed. Elective: 1, 2, 3, 4. TTh 10:20. Mr. Liu

Journalism 101-102 Reporting 2-2 credits
 This course studies the reporter and his responsibilities, the methods of news gathering, the sources of news, news value and news interest, and in a preliminary fashion the technique of news writing. Theoretical study and practical work are equally emphasized. Prerequisite: Journalism 3-4 and Journalism 5. Elective: 2, 3. M 5:00. Mr. Ch'eng

Journalism 105-106 Current Chinese Publications 2-2 credits
 A comprehensive study of the leading current Chinese publications, particularly weeklies and monthlies, with a view to keeping abreast of the thought currents of modern China and of the technique of modern Chinese

magazine writing. Class work will be amply supplemented by practical assignments for original writing as well as translation. This course is especially recommended to those who hope to enter periodical journalism work or to engage in free-lance writing. Prerequisite: Journalism 5 and Journalism 101-102. Elective: 2, 3, 4. MW 1:10. Mr. Chang

Journalism 107 Special Feature Articles 2 credits

A theoretical study of and practice in the writing of feature material used by newspaper supplements, magazines, trade and technical journals, and of other specialized forms of journalistic writing. While the course is designed primarily for students majoring in journalism, a limited number of properly qualified advanced students from other departments will be accepted without their having taken the prerequisite courses. Prerequisite: Journalism 5 and Journalism 101-102. Elective: 3, 4. Time to be arranged. Mr. Snow

Journalism 108 Editorial Writing 2 credits

This course includes a study of various types of editorials and practice in writing them; discussion of outstanding editorial policies and their overt expression in editorials. Frequent assignments in practice work. Prerequisite: Journalism 5 and Journalism 101-102. Elective: 3, 4. Time to be arranged. Mr. Liu

Journalism 109-110 Newspaper Management 3-3 credits

Students in this course are led to consider all the problems, professional, technical, commercial, and legal, which confront a newspaper or magazine publisher. Questions concerning management, personnel, advertising, and circulation will also be considered. Practice work will be given in connection with the business side of the department's laboratory publication. First-hand investigation into the managerial aspect of the leading newspapers in the nearby cities will be encouraged. Individual consultation with the teacher is emphasized. Prerequisite: Journalism 5, Journalism 101-102, and Journalism 108. Elective: 3, 4. MWF 11:20. Mr. Liu

Journalism 111 Correspondence 2 credits

A study of the work of the regular and special correspondent of newspapers, news agencies, and other press associations. Practical laboratory experience in this specialized field of gathering and writing news is available in this course. Students who take this course are encouraged to make frequent contributions to the various leading newspapers. Prerequisite: Journalism 5 and Journalism 101-102. Elective: 3, 4. MTh 3:10. Mr. White

Journalism 113-114 News Writing and Editing 3-3 credits

This is an advanced course in news writing, as well as in newspaper editing. A study will be made of the duties of the copy-readers and editors. Principles and techniques of modern newspaper editing covering such subjects as processes of editing, headline writing, and making-up of the page, will be thoroughly studied. In this course students are expected to do considerable practice work in both writing and editing. Prerequisite: Journalism 5 and Journalism 101-102. Elective: 3, 4. M 3:10-5:00. Mr. Ch'eng

Journalism 115-116 News Interpretation 2-2 credits

News of the day will be interpreted from the standpoint of a journalist, with ample background information. It is desirable that this course be taken together with Journalism 108. Occasional assignments in practice work will be made. Prerequisite: Journalism 3-4 and Journalism 5. Elective: 3, 4. Th 3:10-5:00. Mr. Chang

Journalism 121-122 Public Opinion and Propaganda 3-3 credits

An advanced course which attempts to investigate public opinion and propaganda and the relationship between them in all their aspects. Particular attention will be devoted to the press and its influence on public opinion. Students who take this course are expected to do research work on the different topics to be studied. Lectures and discussions. Prerequisite: Journalism 3-4 and Journalism 5. Elective: 3, 4. W 4:30-6:00. Mr. Liang

Journalism 123-124 History of Journalism 2-2 credits

A comprehensive study will be made of the historical developments of journalism in different countries. Special attention will be given to the development of journalism in the Far East. Personal conferences and individual research will be emphasized. Prerequisite: Journalism 5. Elective: 3, 4. W 10:20. Mr. Liu and Mr. Lowenthal

Journalism 199-200 Senior Thesis 2 to 4 credits
Mr. Liang and Mr. Lowenthal

THE COLLEGE OF NATURAL SCIENCES

MATHEMATICS

Ch'en Tsai-hsin, Ph. D.

Professor and Chairman

Walter W. Davis, M. S.

Professor

Miss Ethel M. Hancock, B. Sc.

Assistant Professor

E. Ralph Lapwood, B. A.

Instructor

The functions of the department are : to offer a sequence of courses for students whose primary interest is mathematics ; to provide courses fundamental to the curricula of other departments of the University ; to train students for the teaching of mathematics.

Special Requirements : Eight credits of Sophomore English; eighteen credits of physics : Physics 1-2, Physics 3-4, and Physics 5-6; six credits of social science.

The Major : From 40 to 50 credits in mathematics including :

Mathematics 1-2	Introduction to Mathematical Analysis	3-3 credits
Mathematics 23-24	Analytic Geometry	3-3
Mathematics 27-28	Calculus	3-3
Mathematics 29-30	Modern Geometry	3-3
Mathematics 31-32	Differential Equations	2-2
Mathematics 33-34	Theory of Equations	2-2
Mathematics 55-56	Advanced Calculus	3-3
Mathematics 199-200	Senior Thesis	2 to 4

Under the supervision of a member of the department each student must satisfactorily complete a thesis on a mathematical subject.

Minor Subject : A minimum of 18 credits in physics, chemistry, or biology. While the Department of Mathematics does not wish to make physics courses, other than those mentioned, compulsory, it would emphasize the special value of physics in making certain aspects of higher mathematics more easily understood.

Students who wish to teach after graduation are advised to take the courses required by the Department of Education for a Form B Diploma.

Mathematics 1-2 Introduction to Mathematical Analysis 3-3 credits

A unified course in trigonometry, analytic geometry, and calculus. These are all treated in an elementary way. The course is planned for first year science students. Each section is limited to 20 students. Sections B and C are for special biology students only. Section E is for students majoring in mathematics and physics. MWF 8:00 Sections A and B; TThS 8:00 Sections C, D, and E. Mr. Davis, Miss Hancock, and Mr. Lapwood

Mathematics 21-22 Higher Algebra and Trigonometry 3-3 credits

A course in higher algebra, covering inequalities, complex numbers, the theory of equations, permutations, combinations, probabilities, determinants, and infinite series, followed by a course in trigonometry covering De Moivre's Theorem and its applications and spherical trigonometry. Prerequisite : Mathematics 1-2. Elective : 2, 3, 4. Offered in 1936-1937 and alternate years. MWF 11:20. Mr. Davis

Mathematics 23-24 Analytic Geometry 3-3 credits

The fundamental principles of plane and solid analytic geometry including some work in homogeneous coordinates. Elective : 2,3,4. TThS 10:20. Miss Hancock

Mathematics 27-28 Calculus 3-3 credits

An elementary course in differential and integral calculus. Prerequisite : Mathematics 1-2 or 23-24. MWF 10:20 Section A for students majoring in mathematics and physics; TThS 10:20 Section B for students majoring in chemistry. Mr. Lapwood

Mathematics 29-30 Modern Geometry 3-3 credits

A course in modern geometry and some geometrical conics. Elective : 1, 2, 3. TThS 9:20. Miss Hancock

Mathematics 31-32 Differential Equations 2-2 credits

Formation of a differential equation ; equations of first order of the different degrees ; singular solutions ; linear equations with constants and variable coefficients ; exact differential equations and equations of particular forms ; equations of the second order ; equations involving more than two variables ; partial differential equations ; and applications to geometry, mechanics, and physics. Prerequisite : Mathematics 27-28. Elective : 3, 4. Offered in 1936-1937 and alternate years. MW 9:20. Mr. Ch'en

Mathematics 33-34 Theory of Equations 2-2 credits

A general review of the fundamental principles of the subject proceeding to the advanced properties of equations, and a discussion of the elements of substitutions and substitution-groups. Prerequisite: Mathematics 21-22 and 27-28. Elective: 2, 3, 4. Offered in 1936-1937 and alternate years. TTh 9:20. Mr. Ch'en

Mathematics 41-42 Theoretical Mechanics 3-3 credits

A course in statics and dynamics designed for students of mathematics and physics. Prerequisite: Mathematics 27-28. Elective: 2, 3, 4. MWF 3:10. Mr. Davis

Mathematics 53-54 Projective Geometry 3-3 credits

Prerequisite: Mathematics 29-30. Elective: 3, 4. Time to be arranged. Miss Hancock

Mathematics 55-56 Advanced Calculus 3-3 credits

A continuation of Mathematics 27-28 arranged with special reference to the needs of students majoring in mathematics and more advanced science students. Prerequisite: Mathematics 27-28. Elective: 3, 4. MWF 10:20. Mr. Lapwood

Mathematics 61 Theory of Algebraic Numbers 3 credits

Prerequisite: Mathematics 27-28. Elective: 3, 4. Offered in 1937-1938 and alternate years. MWF 11:20. Mr. Davis

Mathematics 62 Algebraic Theories 3 credits

A course in modern algebraic theories. Prerequisite: Mathematics 61. Elective: 3, 4. Offered in 1937-1938 and alternate years. MWF 11:20. Mr. Davis

Mathematics 113-114 Methods of Teaching Mathematics 2-2 credits

A course on special methods of teaching mathematics mainly in junior and senior middle schools. Elective: 4. Time to be arranged. Miss Hancock

Mathematics 151-152 Theory of Functions 2-2 credits

A course on theory functions and infinite series. Elective: 3, 4. MWF 9:20. Mr. Ch'en

Mathematics 199-200 Senior Thesis 2 to 4 credits

PHYSICS

Hsieh Yü-ming, Ph. D.

Professor and Chairman

*William Band, M. Sc.

Assistant Professor

Meng Chao-ying, Ph. D.

Lecturer

Hsü Yün-kuei, M. S.

Instructor

Pi Te-hsien, M. S.

Instructor

Miss Wang Ch'eng-shu, M. S.

Assistant

The instructional work in physics is directed toward the following ends: the training of engineering students for professional study; the training of general students in scientific methods of work and in the understanding of the place of physical science in the modern world; the training of teachers of physics; the training of research workers in physics.

Special Requirements: Eight credits in Sophomore English; six credits in Mathematics 27-28, Calculus.

The Major: No student will be accepted as a major student in this department unless he has obtained a grade of at least 5 in Physics 1-2, and an average grade of 6 in Physics 3-4, Physics 5-6, and Mathematics 27-28. These last three courses should be taken during the sophomore year.

A major student should take not less than 36 or more than 50 credits in physics, these to include two to four credits of work on the senior thesis.

Minor Subject: A minimum of 18 credits in mathematics and 9 credits in chemistry.

Physics 1-2 College Physics I 3-3 credits

Mechanics, general properties of matter, heat, and sound. Prerequisite: middle school physics, algebra, geometry, and trigonometry. Elective: 1, 2, 3, 4. Lecture: TTh 9:20 Section A; WF 9:20 Section B. Laboratory: One period per week to be arranged. Mr. Hsieh, Mr. Hsü, and Mr. Pi

Physics 3-4 College Physics II 3-3 credits

Optics, electricity, and magnetism. Prerequisite: Physics 1-2. Elective: 2, 3, 4. Lecture: WF 9:20 Section A; WF 10:20 Section B. Laboratory: One period per week to be arranged. Mr. Meng

Physics 5-6 Statics and Dynamics 3-3 credits

Prerequisite: Physics 1-2. MWF 8:00.

Mr. Hsü

* On leave of absence, 1936-1937.

Physics 50 Biophysics 1 credit
 Prerequisite : Physics 1-2. M 1:10-4:00. Mr. Pi

Physics 91-92 Journal Club 1-1 credits

In this course the faculty and students will give reports on articles in current physical journals. One conference hour. Regular attendance is required of graduate and senior students in the department. Time to be arranged. Mr. Hsieh

Physics 101-102 Advanced Mechanics 3-3 credits
 Prerequisite : Physics 1-2, Mathematics 5-6 and 27-28. TThS 8:00. Mr. Pi

Physics 103 Heat 3 credits
 Prerequisite : Physics 1-2 and Mathematics 27-28. TThS 10:20. Mr. Hsü

Physics 104 Thermodynamics 3 credits
 Prerequisite : Physics 1-2 and Mathematics 27-28. TThS 10:20. Mr. Hsü

Physics 105-106 Optics 4-4 credits
 Prerequisite : Physics 1-2, Mathematics 27-28. Lecture: TThS 8:00. Laboratory : Th 1:10-4:00. Mr. Hsieh

Physics 109-110 Electricity and Magnetism 3-3 credits
 Prerequisite : Physics 1-2, 3-4, and Mathematics 27-28. MWF 8:00. Mr. Pi

Physics 121-122 Electricity and Magnetism 3-3 credits
 Prerequisite : Physics 109-110 and Mathematics 27-28. Time to be arranged. Mr. Meng

Physics 123 Modern Physics 4 credits
 In certain cases the student may be excused from laboratory work in this course. In that case only three credits will be given. Prerequisite : Physics 1-2, 3-4, and Mathematics 27-28. Lecture : MWF 10:20. Laboratory T 1:10-4:00. Mr. Hsieh

Physics 126 Kinetic Theory of Gases 3 credits
 Prerequisite : Physics 103-104. Time to be arranged. Mr. Hsieh

Physics 129-130 Introduction to Theoretical Physics 4-4 credits
 Prerequisite : Physics 1-2, 3-4, and Mathematics 27-28. MThS 9:20. Mr. Meng

Physics 173 D. C. Electrical Measurements 3 credits
 Prerequisite : Physics 109-110. TTh 1:10-4:00. Mr. Hsü and Mr. Pi

Physics 199-200 Senior Thesis 2 to 4 credits
 The preparation of a critical résumé of literature in some field of research and a simple original investigation on a subject to be selected in conference with the chairman of the department.

BIOLOGY

Chenfu F. Wu, Ph. D.	<i>Professor and Chairman</i>
*Miss Alice M. Boring, Ph. D.	<i>Professor</i>
Li Ju-ch'i, Ph. D.	<i>Professor</i>
Hsü Yin-ch'i, Ph. D.	<i>Assistant Professor</i>
Ts'ui Yü-lin, M. S.	<i>Instructor</i>
Mrs. Robert Y. Chao, M. S.	<i>Instructor (part-time)</i>
Mrs. Li Ju-ch'i, B. S.	<i>Instructor (part-time)</i>
Li Chao-t'e, B. S.	<i>Assistant</i>

The functions of the department are : to provide the necessary courses which are fundamental to the curriculum in professional and technical work in biology ; to train students for teaching general science and biology ; to prepare students for research work in biology ; and to offer opportunities to graduates for carrying on research work in biology.

Special Requirements: Eight credits of Sophomore English ; six credits of social science.

The Major: 40 credits in biology including the following courses :

Biology 1 or 2	General Biology	5 credits
Biology 51	Invertebrate Zoology	5
Biology 52	Comparative Anatomy of the Vertebrates	5
Biology 101, 102	Genetics and Embryology	3, 3
Biology 103, 104	Biological Technique	4, 4
Biology 153-154	Journal Club	1-1
Biology 199-200	Senior Thesis	2-2

*On leave of absence, first semester 1936-1937.

In Biology 199-200 the student must satisfactorily complete a thesis on a biological problem under the supervision of a member of this department.

The Minor: 16 credits chosen from one or two of the following subjects: physics, chemistry, geology, experimental psychology.

Biology 1 or 2 General Biology 5 credits

A course in the fundamental principles of structure and function in both animals and plants. Emphasis is placed on laboratory methods and on practical applications to everyday life whenever possible. The principles of evolution and inheritance are discussed. Three lectures and six laboratory hours. The enrolment is limited to 70 students. Elective: 1, 2 (science students). Lecture: MWF 9:20 Section A; TThS 9:20 Section B. Laboratory: MW 1:10-4:00 Section A (35 students); TTh 1:10-4:00 Section B (35 students).

First semester: Mr. Hsü
Second semester: Miss Boring

Biology 3-4 Human Biology 3-3 credits

This course is especially planned for non-science students. It deals with the fundamental principles of biology with special emphasis on their application to man. Two lectures and one laboratory period. The enrolment is limited to 70 students. Elective 1, 2 (non-science students). Lectures: MW 9:20. Laboratory: F 1:10-4:00 Section A; S 9:20-12:10 Section B. Mr. Ts'ui

Biology 51 Invertebrate Zoology 5 credits

This is a course on the morphology and physiology of the invertebrate groups with special emphasis on the life histories of the pathogenic forms, the evolutionary relationships between the different phyla, and the more important biological principles. Three lectures and six laboratory hours. The enrolment is limited to 48 students. Prerequisite: Biology 1. Elective: 2, 3. Lecture: TThS 8:00. Laboratory: MW 1:10-4:00 Section A (24 students); TTh 1:10-4:00 Section B (24 students). Mr. Wu

Biology 52 Comparative Anatomy of the Vertebrates 5 credits

A study of comparative anatomy of the different classes of vertebrates with features in mammals and man. Three lectures and six laboratory hours. The enrolment is limited to 48 students. Prerequisite: Biology 1. Elective: 2, 3. Lecture: TThS 10:20. Laboratory: MW 1:10-4:00 Section A (24 students); TTh 1:10-4:00 Section B (24 students). Miss Boring

Biology 54 General Botany 4 credits

This course is designed to give the student a general knowledge of plant morphology, plant physiology, and the fundamentals of plant taxonomy, with special emphasis on the more important biological principles which govern the plant and animal kingdoms. Two lectures and six laboratory hours. Prerequisite: Biology 1. Elective: 2, 3, 4. Lecture: MW 8:00. Laboratory: MW 1:10-4:00. Mr. Wu

Biology 101* Genetics 3 credits

The object of the course is to give the student an idea of the theories of organic evolution, Mendelism, and biometry. The main emphasis is laid on Mendelism. The study of linkage and crossing-over, the chromosome theory of heredity, and the mechanism of sex determination are critically discussed. Two lectures and three laboratory hours. Prerequisite: Biology 51 and 52. Elective: 3, 4, 5. Lecture: WF 8:00. Laboratory: F 1:10-4:00. Mr. Li

Biology 102** General Embryology 3 credits

This course is designed to acquaint the student with all the fundamental principles of embryology. The cell and mitosis are taken up first; then the descriptive and analytical aspects of germ cells, maturation, fertilization, and cleavage phenomena, are treated with more or less detail. The latter part of the semester is devoted to a comparative study of the early development of the vertebrates. Two lectures and three laboratory hours. Prerequisite: Biology 51 and 52. Elective: 3, 4, 5. Lecture: WF 8:00. Laboratory: F 1:10-4:00. Mr. Li

Biology 103 Biological Technique 4 credits

Principles and practice of making microscopic preparations. Guyer's *Animal Micrology* will be followed. Two lectures and six laboratory hours. Prerequisite: Biology 51 and 52. Elective: 3,4,5. Lecture: TTh 9:20. Laboratory: MW 1:10-4:00. Mr. Wu

Biology 104 Biological Technique 4 credits

A practical study of various laboratory methods in collecting, preserving, and preparing biological specimens for class and laboratory work. Two lectures and six laboratory hours. Prerequisite: Biology 103. Elective: 3,4,5. Lecture: MW 8:00. Laboratory: MW 1:10-4:00. Mr. Hsü

*Offered in the second semester, 1936-1937.

**Offered in the first semester, 1936-1937.

Biology 105 Animal Histology 4 credits

A general study of animal cells and tissues and some typical organs. Fresh material will be used where possible and its reaction to various chemicals will be studied, thus constituting a foundation for the study of microscopic technique. Two lectures and six laboratory hours. Prerequisite: Biology 51 and 52. Elective: 3, 4, 5. Not offered in 1936-1937. Lecture: TTh 10:20. Laboratory: TTh 1:10-4:00. Miss Boring

Biology 106 General Entomology 4 credits

A study of the morphological characters of insects and the representatives of the different orders, with emphasis on their evolutionary relationships, life histories, economic importance, and methods of control. Two lectures and six laboratory hours. Prerequisite: Biology 51. Elective 3,4,5. Lecture: TTh 8:00. Laboratory: TTh 1:10-4:00. Mr. Wu

Biology 107 Animal Parasitology 4 credits

A study of the morphology, life history, classification, host-parasite relationship, laboratory and clinical diagnosis, therapeutics and prophylaxis of the common pathogenic protozoa, helminthes, and arthropods. Two lectures and six laboratory hours. Prerequisite: Biology 51. Elective 3, 4, 5. Lecture: TTh 10:20. Laboratory: TTh 1:10-4:00. Mr. Hsü

Biology 153-154 Journal Club 1-1 credit

In this course the faculty and students will give reports on articles in current biological journals. One conference hour. Prerequisite: Two years of biology. Elective: 3, 4, 5. Th 4:30.

First semester: Mr. Li
Second semester: Miss Boring

Biology 156 Advanced Entomology 4 credits

This course will provide for a more detailed study of insect morphology, insect histology, insect embryology, and insect ecology. Two lectures and six laboratory hours. Prerequisite: Biology 106. Elective: 4, 5. Lecture: TTh 10:20. Laboratory: TTh 1:10-4:00. Mr. Hsü

Biology 159 Cytogenetics 3 credits

This course deals with the recent advances in genetics and cytology, including the work done with *Cenothera*, *Zea maize*, and *Drosophila*. Two lectures and three laboratory hours. Prerequisite: Biology 101. Elective: 3, 4, 5. Lecture: TTh 9:20. Laboratory: W 1:10-4:00. Mr. Li

Biology 160 Experimental Biology 3 credits

An introductory study of the living phenomena in natural and experimental conditions, including discussion of methods of experimentation and reports on the current literature. Two lectures and three laboratory hours. Prerequisite: Biology 101 and 102. Elective: 3, 4, 5. TTh 9:20. Laboratory: W 1:10-4:00. Mr. Li

Biology 165A Special Problems 4 credits

This course consists of laboratory investigations under the direction of some member of the staff. Detailed information may be secured by consultation with the instructors offering graduate courses. The work is equivalent to at least twelve laboratory hours. Prerequisite: three years of biology. Elective: 4, 5. Time to be arranged.

Biology 165B Special Problems 2 credits

A course similar to Biology 165A. The work is equivalent to at least six laboratory hours.

Biology 166A Special Problems 4 credits

A course similar to Biology 165A.

Biology 166B Special Problems 2 credits

A course similar to Biology 165B.

Biology 199-200 Senior Thesis 2-2 credits

Each major student is expected to show the ability to work out independently a simple problem in biology under the supervision of a member of the department who is trained in the special line. Work equivalent to at least six laboratory hours.

CHEMISTRY

William H. Adolph, Ph. D.,
Earl O. Wilson, Sc. D.
Stanley D. Wilson, Ph. D.
Ts'ai Liu-sheng, Ph. D.
Lin Chi-ch'un, B. Cer. E.
Miss Kung Lan-chen, Ph. D.
Chang Ch'uan, B. S.
Hsu P'eng-ch'eng, M. S.
Ts'ao Ching-p'an, B. A.
Lin Cho-yuan, M. S.
Lo Tsung-shih, M. S.
Ni Sung-mao, B. S.
Miss Yeh Hui-lan, B. S.

Professor and Chairman
Professor
Professor
Assistant Professor
Honorary Adviser in Ceramics
Lecturer
Instructor
Instructor
Instructor
Research Associate
Research Fellow
Research Assistant
Research Assistant

The Department of Chemistry undertakes to offer students in the College of Natural Sciences and also students specializing in other fields a fundamental training in chemical thought and the scientific method; to train teachers of chemistry; to train practical chemists; and to offer to properly qualified college graduates a training in methods of chemical research.

Special Requirements: Eight credits of Sophomore English; a second year of mathematics; at least twelve credits of physics; six credits of social science (economics, education, history, philosophy, psychology, political science, sociology) to be taken in the sophomore year.

The Major: From 40 to 50 credits in chemistry including:

Chemistry 1 or 2	General Inorganic Chemistry	5 credits
Chemistry 11 and 15	Analytical Chemistry	4-4
Chemistry 14	Elementary Physical Chemistry	4
Chemistry 21-22	Organic Chemistry	4-4
Chemistry 31-32	Physical Chemistry	4-4
Chemistry 199-200	Senior Thesis	2-2

The Minor: From 12 to 20 credits in one subject. It is advised that students majoring in chemistry should minor in either biology or physics.

Students who desire to major in chemistry with an option in Leather Tanning, may qualify for the Certificate in Leather Tanning by satisfying the requirements listed above and by electing the following courses:

Biology 1	General Biology	5 credits
Biology 105	Animal Histology	4
Chemistry 119-120	Leather Manufacture	4-4
Chemistry 121-122	Industrial Chemistry	3-3

Comprehensive Examination: All candidates for graduation in chemistry, in addition to presenting an acceptable thesis, must pass a written comprehensive examination in the general field of chemistry as part of the requirement for the B. S. degree.

Chemistry 1 or 2 General Inorganic Chemistry 5 credits

A course in general inorganic chemistry covering both the non-metals and the metals. The course acquaints the student with the important laws, theories, and applications of chemistry. The bearing of chemistry upon the

life of the community and nation is emphasized. Two lectures and six hours of laboratory. Prerequisite: Middle school physics or the equivalent. Elective: 1, 2, 3. MWF 9:20, MW 1:10-4:00 Section A; MWF 9:20, F 1:10-4:00, S 9:20-12:10 Section B; TThS 9:20, TTh 1:10-4:00 Section C.

Mr. S. D. Wilson and Mr. Hsü

Chemistry 3-4 General Chemistry 3-3 credits

This is an introductory course, covering the general field of chemistry with special emphasis on the application of chemistry to industry and life. Two lectures and three hours of laboratory throughout the year. For non-science students. Lecture: TTh 9:20. Laboratory: M 1:10-4:00. Mr. Ts'ao

Chemistry 6 General Organic Chemistry 4 credits

A study of organic and physiological chemistry with special emphasis on problems connected with nursing. Required of freshmen in the prenursing course. Two lectures and six hours of laboratory. Prerequisite: Chemistry 1. Lecture: TTh 9:20. Laboratory: TTh 1:10-4:00. Miss Kung

Chemistry 11 Qualitative Analysis 4 credits

A study of the fundamental theories and principles involved in qualitative analysis. Laboratory work will include the analysis of both anions and cations. Two hours of class work and six hours of laboratory. Prerequisite: Chemistry 1. WF 9:20, MW 1:10-4:00 Section A; WF 10:20, TTh 1:10-4:00 Section B. Mr. Hsü

Chemistry 14 Elementary Physical Chemistry 4 credits

A study of fundamental principles. The laboratory work consists of simple experiments developing the important conceptions of physical chemistry. Two conferences and six hours of laboratory. Prerequisite: Chemistry 1 and Physics 1-2. TTh 9:20, MW 1:10-4:00 Section A; WF 10:20 TTh 1:10-4:00 Section B; TTh 10:20, F 1:10-4:00, S 9:20-12:10 Section C. Mr. Adolph and Mr. Ts'ai

Chemistry 15 or 16 Quantitative Analysis 4 credits

Elementary gravimetric and volumetric analysis. One conference and nine laboratory hours. Students taking the special biology course may take this as a three-credit course. Prerequisite: Chemistry 11. T 10:20, MWF 1:10-4:00 Section A; Th 10:20, TTh 1:10-4:00, S 9:20-12:10 Section B. Mr. E. O. Wilson

Chemistry 21-22 Organic Chemistry 4-4 credits

A course in the elements of organic chemistry for those beginning the subject; aliphatic and aromatic series. The emphasis is placed on general

principles. Students who later take work in biochemistry may receive credit for Chemistry 21 without taking Chemistry 22. Two lectures and six hours of laboratory. Prerequisite: Chemistry 14. Lecture: TTh 10:20. Laboratory: MW 1:10-4:00 Section A; TTh 1:10-4:00 Section B.

Mr. S. D. Wilson

Chemistry 31-32 Physical Chemistry 4-4 credits

An intensive study of the fundamental laws and principles of chemistry. The laboratory exercises are all of a quantitative nature. Three hours of class work and three hours of laboratory. Prerequisite: Chemistry 14, 15, 21-22, Mathematics 27-28. Lecture: MWF 10:20. Laboratory to be arranged.

Mr. Ts'ai

Chemistry 118 General Biochemistry 4 credits

An introductory course including a study of carbohydrates, fats, and proteins, with the fundamental conceptions of biochemistry as applied to life processes. Prerequisite: Chemistry 14 and 21. Laboratory: TTh 1:10-4:00. Lectures and conferences: WF 9:20.

Mr. Adolph

Chemistry 119-120 Leather Manufacture 4-4 credits

In the lectures special emphasis will be laid on general fundamental principles. The objective is to develop in the student power and confidence to attack new problems. Frequent reference will be made to current research work and students will be required to report from time on assigned reading. Most of the material given in Volumes I and II of J. A. Wilson's *Chemistry of Leather Manufacture* will be covered.

Adequate laboratory practice in the important tanning operations will be given and will be supplemented by inspection trips to commercial tanneries. In the laboratory emphasis will be placed on the understanding of principles and on control methods. A thorough grasp of the stoichiometry of control methods will be insisted upon. Prerequisite: Chemistry 31-32. Lectures and recitations: two hours per week. Laboratory: six hours per week. Time to be arranged.

Mr. Chang

Chemistry 121-122 Industrial Chemistry 3-3 credits

The most important of the industries in which chemical reactions play a major part are considered. Plant equipment is described in some detail and the factors which influence economic large-scale production are discussed. One half of the time of this course is devoted to the subject of industrial stoichiometry. A large number of numerical problems will be solved by the students. Prerequisite: Chemistry 14 and 22. MWF 9:20. Mr. E. O. Wilson

Chemistry 123 Technical Analysis 4 credits

Instruction will be given in gas, fuel, and water analysis. Considerable range of choice will be allowed the individual student, depending upon his interests and previous training. Rapid methods for the analysis of various commercial products, training in the use of the hydrogen electrode, and the practical use of the thermocouple, will also be included. One conference and nine laboratory hours. Prerequisite: Chemistry 15. Time to be arranged.

Mr. E. O. Wilson

Chemistry 124 Laboratory Problems in Applied Chemistry 4 credits

This course should accompany or follow the courses in industrial chemistry and technical analysis. Individual or group investigations will be conducted; the particular nature of the problems will depend upon the interests and previous training of the student. Laboratory and informal conferences. Prerequisite: Chemistry 123. Time to be arranged.

Mr. E. O. Wilson

Chemistry 126 Chemical Engineering 3 credits

Problems and discussions illustrating, in a quantitative way, the methods of carrying out chemical reactions on a commercial scale. The unit operations of chemical industry, such as flow of fluids, flow of heat, evaporation, distillation, and drying, are studied in detail. Prerequisite: Chemistry 31 and 122. TThS 9:20.

Mr. E. O. Wilson

Chemistry 127 Qualitative Organic Analysis 3 credits

A study of the systematic classification of organic compounds including methods for the identification of various groups and compounds. One lecture and six laboratory hours. Prerequisite: Chemistry 22. Time to be arranged.

Mr. S. D. Wilson

Chemistry 129 Quantitative Organic Analysis 3 credits

Practice in the standard methods used for the quantitative analysis of organic compounds and the quantitative estimation of organic radicals. One lecture and six laboratory hours. Prerequisite: Chemistry 22. Time to be arranged.

Mr. S. D. Wilson

Chemistry 133-134 Advanced Organic Chemistry 3-3 credits

Lectures of a more advanced nature than those given in Chemistry 21-22; reports on the current literature of organic chemistry. Students without adequate laboratory training in organic chemistry must elect Chemistry 135-36 with this course. Credit may be given for one semester without the other. Prerequisite: Chemistry 22. Lectures: MWF 11:20. Mr. S. D. Wilson

Chemistry 135-136 Organic Preparations 2-2 credits

Organic preparations of a more advanced type than those offered in Chemistry 21-22. As far as possible the type of preparations will be adapted to the needs of the individual students. Six laboratory hours. Credit may be given for one semester without the other. Prerequisite: Chemistry 22. Laboratory: Time to be arranged. Mr. S. D. Wilson

Chemistry 139-140 Seminar in Biochemistry 1-1 credits

For students specializing in biochemistry. Credit may be given for one semester without the other. Prerequisite: Chemistry 118. Time to be arranged. Mr. Adolph and Miss Kung

Chemistry 141 Metabolism 4 credits

Physiological chemistry as applied to problems of human metabolism. Conferences; individual projects; simple metabolism experiments and laboratory study of metabolic processes. Prerequisite: Chemistry 118. Six laboratory hours and two lecture conferences to be arranged. Mr. Adolph

Chemistry 142 Chemistry of Nutrition 4 credits

Physiological chemistry as applied to problems of human nutrition. Individual projects. Prerequisite: Chemistry 118 and Home Economics 3. Six laboratory hours and two lectures to be arranged. Mr. Adolph and Miss Kung

Chemistry 143 Chemistry of the Proteins 2 credits

Prerequisite: Chemistry 118 or the equivalent. Time to be arranged. Mr. Adolph

Chemistry 146 Chemistry of the Colloidal State 2 credits

A study of the fundamental conceptions of colloid chemistry. Lectures and conferences. Prerequisite: Chemistry 14. TTh 10:20. Mr. Adolph

Chemistry 151 Chemical Thermodynamics 3 credits

Prerequisite: Chemistry 32. Time to be arranged. Mr. Ts'ai

Chemistry 152 Photochemistry 2 credits

Prerequisite: Chemistry 32. Time to be arranged. Mr. Ts'ai

Chemistry 153A Special Problems 4 credits

This course consists of laboratory investigations under the direction of some member of the staff. Detailed information may be secured by consultation with the instructors offering advanced courses. Prerequisite: Permission of the instructor under whom the work is to be done.

Chemistry 153B Special Problems 2 credits

A course similar to Chemistry 153A

Chemistry 154A Special Problems 4 credits

Chemistry 154B Special Problems 2 credits

Chemistry 199-200 Senior Thesis 2-2 credits

This course involves a simple experimental problem in some field of chemistry. The field of investigation is selected in conference with the chairman of the department.

HOME ECONOMICS

Miss Chen I, M.A. *Lecturer and Chairman*

Miss Mabel A. Wood, M.S. *Visiting Professor*

Mrs. Harry B. Price, M.A. *Lecturer (part-time)*

Miss Pai Ho-i, B.S. *Assistant*

Miss Sun Tseng-min, B.A. *Assistant (part-time)*

Miss Tai K'e-fan, B.S. *Assistant (part-time)*

The aims of the department are: to offer education for home-making as a part of a general university education for women; to offer training for teaching home economics in middle schools; to provide fundamental courses for those who are interested in hospital dietetics or nutrition research; to provide a sequence of courses for those who are interested in rural or urban social work.

Special Requirements: Eight credits of Sophomore English; twelve credits of social science.

The Major: From 32 to 50 credits in home economics, including the following:

Home Economics 3	Food Selection and Preparation	3 credits
Home Economics 4	Advanced Food Preparation	3
Home Economics 6	Nutrition	4
Home Economics 11	Clothing Problems	3
Home Economics 15	Home Decoration	3
Home Economics 26	Household Management	3
Home Economics 31	Child Care and Development	3
Home Economics 32	Child Training	3
Home Economics 91	Home Management House	3
Home Economics 199-200	Senior Thesis	2 to 4

The Minor: From 12 to 24 credits in one subject.

Two different sequences of courses are recommended by the department. The first is for students who expect to teach home economics or engage in some form of social work. Such students are required to take in addition to the courses listed above:

Home Economics 23	Household Technology	3 credits
Home Economics 102	Methods of Teaching Home Economics	3
Chemistry 6	Organic Chemistry	4

Chemistry 11, Qualitative Analysis, and Chemistry 14, Quantitative Analysis, are necessary for students who wish to choose a nutrition problem as a subject for the senior thesis. Students taking this sequence are recommended to choose education or sociology as the minor subject.

The second sequence is for students interested primarily in nutrition. Such students should choose chemistry as their minor subject and should take in addition to the courses listed above:

Home Economics 111	Advanced Nutrition	3 credits
Chemistry 11	Qualitative Analysis	4
Chemistry 14	Elementary Physical Chemistry	4
Chemistry 15	Quantitative Analysis	4
Chemistry 21	Organic Chemistry	4
Chemistry 118	General Biochemistry	4
Biology 52	Comparative Anatomy of the Vertebrates	5

Home Economics 3 Food Selection and Preparation 3 credits
An introduction to the subject of foods; selection of a well-balanced diet; marketing, preparation, and service. Elective: 2, 3. Lecture: MW 8:00. Laboratory: F 1:10-4:00. Miss Kung

Home Economics 4 Advanced Food Preparation 3 credits
A course planned to give a broad view of the field of food preparation. Application of the principles of nutrition and cookery to the planning and preparation of food in large quantity for specific purposes and various situations. Elective: 3, 4. Lecture: W 8:00. Laboratory: TTh 1:10-4:00. Miss Wood

Home Economics 6 Nutrition 4 credits
A study of the essentials of nutrition and their relationship to human well-being. Prerequisite: Home Economics 3 and Chemistry 6 or Chemistry 21. Lecture: TTh 10:20. Laboratory: MW 1:10-4:00. Miss Kung

Home Economics 7 Diet in Disease 2 credits
A study of diets for abnormal conditions. A preliminary course for students who wish to become hospital dietitians or nutrition specialists. Prerequisite: Home Economics 6. Elective: 4. TTh 10:20. Miss Kung

Home Economics 11 Clothing Problems 3 credits
A study of the principles underlying the selection, cost, care, and use of clothing. Elective: 3, 4. MWF 9:20. Miss Ch'en

Home Economics 15 Home Decoration 3 credits
A study of art principles and their application to the choice and arrangement of furnishing and decorations for the moderate-sized home. Elective: 3, 4. Lecture: TTh 8:00. Laboratory: T 1:10-4:00. Miss Ch'en

Home Economics 16 Applied Design 3 credits
A study of the principles of design and color, developed and applied to clothing and decorative articles in the home. Prerequisite: Home Economics 11 or 15. Elective: 3, 4. Lecture: 3, 4. Lecture: T 8:00. Laboratory: TTh 1:10-4:00. Miss Ch'en

Home Economics 23 Household Technology 3 credits
A study of the technical processes of housekeeping; selection of equipment, methods of cleaning and laundering. Elective: 2, 3, 4. Lecture: TTh 9:20. Laboratory: M 1:10-4:00. Miss Wood

Home Economics 24 Home Hygiene 3 credits
 A study of the sanitary aspects of the home; the management of communicable disease and the care of the patient in the home, with demonstrations of simple nursing procedure. Elective: 2, 3. Not offered in 1936-1937.

Home Economics 26 Household Management 3 credits
 A study of the organization and management of household operations and finances. Elective: 3, 4. MWF 9:20. Miss Ch'en

Home Economics 31 Child Care and Development 3 credits
 A study of the growth and development of the child through the prenatal period, infancy, and childhood; factors influencing the health of children; home environment, proper feeding. Elective: 3, 4. MWF 10:20. Miss Wood

Home Economics 32 Child Training 3 credits
 Principles of child training with special emphasis on the conduct problems met by parents and social workers, such as problems of discipline, play, sex training, and fear. Prerequisite: Psychology 1 or Education 16, Home Economics 31. MWF 10:20. Miss Wood

Home Economics 33 or 34 The Nursery School 3 credits
 A study of the aim and organization of the nursery school, equipment and play material for young children, activities and records in the nursery school. This course includes one lecture a week and three to five hours of observation and practice in the nursery school. Prerequisite: Home Economics 31 and 32. Elective: 3, 4. TTh 10:20. Practice hours to be arranged. Mrs. Price

Home Economics 91 or 92 Home Management House 3 credits
 A course dealing with the problems of the homemaker. Students live in the Home Management House for one semester, each student in turn being responsible for the various duties in the house. Students taking this course are advised to keep the 11:20 hour free. Prerequisite: Home Economics 3, 6, 15, 23, and 26. Miss Pai

Home Economics 102 Methods of Teaching Home Economics 3 credits
 A study of the materials and methods of teaching home economics with supervised practice teaching by the students whenever possible. Emphasis will be placed on organization of courses of study. Prerequisite: 16 credits of home economics. MWF 8:00. Miss Ch'en

Home Economics 111 or 112 Advanced Nutrition 3 credits
 Further study of the problems of nutrition with special attention to the recent advances in this science. Prerequisite: Home Economics 6 and Chemistry 118. Elective: 4. MW 11:20. Laboratory to be arranged. Miss Kung

Home Economics 122 Seminar in Home Economics 2 credits
 Designed to study the changes and the recent philosophies in home economics education at the levels of high school, college, and adult education; to set problems which will lead the student to understand the integration of all home economics courses toward a common goal, and the contributions made by science, art, psychology, economics, and sociology; and to make applications to the development of home economics in China. Prerequisite: 12 credits in home economics. Elective: 3, 4. TTh 9:20. Miss Wood

Home Economics 199-200 Senior Thesis 2 to 4 credits
 Each major student is required to investigate an individual problem during the senior year.

GEOLOGY

Walter W. Davis, M. S.

Professor of Mathematics

Geology 1-2 General Geology 3-3 credits
 An introduction to earth science. A brief study of the materials of the earth's crust, the work of the atmosphere, running-water, ground-water, snow and ice, lakes and oceans, together with volcanism and crustal movement; a brief outline of earth history. Elective: 1, 2, 3, 4. Lectures: WF 9:20. Laboratory: Weekly two-hour period W, Th, or F afternoons. Occasional field trips in place of the laboratory period. Mr. Davis

HYGIENE

Li T'ien-chüeh, M.D.

Medical Officer

Miss M. Elizabeth Jenkins, M.D.

Medical Officer

Hygiene 2A Personal Hygiene 1 credit
 Open to men students only. The enrolment is limited to 40. Elective: Men 1, 2, 3, 4. Th 11:20. Dr. Li

Hygiene 2B

Personal Hygiene

1 credit

A course in the principles of health with special emphasis on disease prevention and the relationship of a personal illness to the health of the community. Open to women students only. Required: Freshmen women students. Th 11:20. Dr. Jenkins

YENCHING CROP IMPROVEMENT STATION

Shen Shou-tsuen, M.S.

Professor and Director of Experimental Project

Lu Wei-ming

Associate

Li Ching-chün

Associate

The work of this station is under the direction of the College of Agriculture of the University of Nanking, and the staff are members of the faculty of the University of Nanking and also of Yenching University.

Experimental work is now being concentrated on plant breeding and crop improvement, especially with respect to the fundamental grain crops of North China, such as kaoliang, wheat, and corn, with the purpose of developing new strains of improved grains and thus contributing to the resources of the farmers and the prevention of famine.

THE COLLEGE OF PUBLIC AFFAIRS

In addition to basic studies in political science, economics, and sociology, the College of Public Affairs offers three professional courses in the rural field; Local Government, Rural Economics, and Social Administration; and specialized courses of study in other fields as follows: International Relations, Civil Law, Banking and Accounting, Advanced Sociology and Anthropology, and Social Work.

POLITICAL SCIENCE

Shuhsi Hsü, Ph.D.

Professor and Chairman

*Liang Yao-tsu, LL.B.

Professor

Lou Hsüeh-hsi, Ph.D.

Professor

Li Tsu-yin, LL.B.

Assistant Professor

Wu Ch'i-yü, Ph.D.

Lecturer

Chao Feng-chieh, LL.M.

Lecturer (part-time)

Hsiao Kung-ch'uan, Ph.D.

Lecturer (part-time)

Wang Hua-cheng, Ph.D.

Lecturer (part-time)

T'an Ch'un-lin, M.A.

Research Assistant

Wu Ch'un, B.A.

Research Assistant

The object of the Department of Political Science is to provide students with a knowledge of political science that will enable them to serve the country efficiently either as private citizens or as civil servants. It offers work in both the undergraduate and postgraduate fields. In the former, requirements are based upon recommendations made by the Chinese Society of Political Science; in the latter, four subjects are emphasized: political institutions, local government, international relations, and civil law.

Special Requirements: Two credits in Chinese 7, Documentary Chinese; six credits in Economics 3-4, Principles of Economics; six credits in jurisprudence, Political Science 91-92, Elements of Civil Law.

The Major: A student majoring in this department must take from 48 to 64 credits in political science including the following:

* On leave of absence, 1936-1937.

0324

Political Science 3-4	Principles of Political Science	3-3 credits
Political Science 25	Chinese Government	3
Political Science 28 and 30	Government of Foreign States	3, 3
Political Science 51-52	Administrative Law	3-3
Political Science 75	Contemporary Political Thought	3
Political Science 111-112	International Law	3, 3
Political Science 131, 134	Chinese Foreign Relations	3-3
Political Science 148	Contemporary Diplomacy	3
Political Science 199-200	Senior Thesis	2-2

For the purposes of the major, courses in Political Science numbered 91 to 110, which were formerly in the Department of Jurisprudence, are considered as fulfilling the requirement of a correlated subject rather than as part of the major requirement.

Correlated Subjects: From 16 to 24 credits. Philosophy 183-184, Western Social and Political Thinking, is particularly recommended.

It is suggested that each student submit to the chairman of the department a statement of the line of work he intends to pursue after graduation. Particular courses may then be required in order to prepare the student for work in an administrative, diplomatic, legal, or journalistic career.

For students who intend to participate in rural reconstruction after graduation, the following courses are recommended:

Political Science 3-4	Principles of Political Science	3-3 credits
Political Science 25	Chinese Government	3
Political Science 35-36	Hsien Government	3-3
Political Science 37-38	Local Government of Foreign States	3-3
Political Science 39	Village Reconstruction	3
Political Science 51-52	Administrative Law	3-3
Political Science 56	Public Administration	3
Political Science 75	Contemporary Political Thought	3
Political Science 105	Elements of Criminal Law	3
Economics 13-14	Public Finance	3-3

Economics 141-142	Rural Economics	3-3 credits
Agriculture 1-2	Agricultural Problems	3-3
Sociology 61-62	Social Statistics	3-3
Sociology 131-132	Rural Sociology	3-3

Political Science 1 or 2 Introduction to Political Science 3 credits

A comprehensive study of the nature and scope of political science, the nature and the constituent elements of the state, types and forms of government, the organization and the relationships of the several branches of the government, and the fundamental principles of international relations.
Elective: 1, 2. MWF 11:20. Mr. Wu Ch'i-yü

Political Science 3-4 Principles of Political Science 3-3 credits

An advanced and more analytical study of the various subdivisions of political science. A number of selected readings of the leading treatises in political science and research on some special topics will form the more important part of the study. Elective: 2, 3. MWF 3:10. Mr. T'an

Political Science 22 History of Chinese Political Institutions 3 credits

A systematic study of the organic laws of various dynasties with a special emphasis upon the causes of their variations. Elective: 4, 5. Offered in alternate years. Not offered in 1936-1937. Mr. Liang

Political Science 25 Chinese Government 3 credits

A comprehensive survey of Chinese government and politics since the republican era. Emphasis will be placed on the study of the present structure of the nationalist government, the manner through which governmental functions have been discharged, and the nature of the constitutional draft just adopted. The government of the late Ch'ing Dynasty, the constitutional movement during the latter part of the same dynasty, and the constitutional history of the early part of the Republic will also come in for brief notice.
Elective: 2, 3. MWF 10:20. Mr. Wu Ch'i-yü

Political Science 28 Government of Foreign States A 3 credits

A comprehensive and descriptive study of government and politics in England, France, the United States, and other democratic states of the world.
Elective: 2, 3. MWF 8:00. Mr. Wu Ch'i-yü

Political Science 30 Government of Foreign States B 3 credits

A comprehensive and descriptive study of government and politics of the U.S.S.R., Italy, Germany, and other states which have set up one or another form of dictatorship. Elective: 2, 3. MWF 10:20. Mr. Wu Ch'i-yü

Political Science 35-36 Hsien Government 3-3 credits

This course will begin by treating such topics as the evolution of *hsien* government, its administrative system, its organization, the law and practice of local self-government, the problem of the judicial powers exercised by the *hsien* magistrate, and the various reforms recently made or proposed. It will next proceed to consider the activities of the *hsien*: education, police, militia, public welfare, public health, public works, local finance, and the administration of land laws. Elective: 3, 4, 5. MWF 1:10.

Mr. Lou and Mr. Wu Ch'un

Political Science 37-38 Local Government of Foreign States 3-3 credits

This course is designed to acquaint the student with the structure and functions of local government in some of the important states of the world. It includes such topics as the evolution of local institutions, the central-local relationship, the degree of local self-government, the constitution of local authorities, the influence of local politics, and the important proposals for reform. Special attention will be devoted to local finance and the administrative organization and activities relating to education, police, highways, public works, public health, and public assistance. Elective: 2, 3, 4. MWF 2:10.

Mr. Lou and Mr. Wu Ch'un

Political Science 39 Village Reconstruction 3 credits

Village government in theory and practice in the past; conditions and problems of the village reconstruction movement in recent years; observation and criticism of the past and present as well as estimates and hopes of the future. Elective: 4, 5. Offered in alternate years. Not offered in 1936-1937.

Mr. Liang

Political Science 41 Municipal Government 3 credits

This course deals with the general problems of city government. It will include a short history of municipal development, the relation of the city to the state, the electorate and the activities of political parties, and the governing organs of the city, their powers, their influence, and their relations to each other. Consideration will be given to the administrative functions of city government in a non-technical way. Elective: 3, 4, 5. TTh 1:10-3:00.

Mr. Lou

Political Science 51-52 Administrative Law 3-3 credits

A study of Chinese administrative law on both the theoretical and practical sides. Comparison will occasionally be made with the administrative law of leading Western countries and Japan. Elective: 3, 4, 5. TTh 3:10-5:00.

Mr. Chao

Political Science 56 Public Administration 3 credits

A study of the principles which should underlie the administrative branch of government, including its structure, functions, and relations to the executive and legislative departments. Elective: 3, 4, 5.

Mr. T'an

Political Science 61-62 History of Chinese Political Thought 3-3 credits

Chinese political theories and their relation to the government of the periods in which they are formulated. Elective: 3, 4, 5. Offered in alternate years. Not offered in 1936-1937.

Mr. Hsiao

Political Science 75 Contemporary Political Thought 3 credits

A study of the persistent problems in political philosophy, such as the nature of the state and the relation of the state and the individual. Elective: 3, 4, 5. TThS 8:00.

Mr. Wu Ch'i-yü

Political Science 91-92 Elements of Civil Law 3-3 credits

This course treats of fundamental rules and principles applicable to the various parts of the Civil Code. Instructive and interesting cases will be discussed by way of illustration. Comparison with foreign laws or with Chinese law hitherto in force will be made whenever conducive to a thorough understanding of the subject. Elective: 2, 3. MWF 9:20.

Mr. Li

Political Science 93-94 Civil Law 3-3 credits

This is an advanced course in Civil Law, open only to students who have already completed Political Science 91-92. Elective: 3, 4, 5. Offered in alternate years. Not offered in 1936-1937.

Mr. Li

Political Science 96 Comparative Civil Law 3 credits

The object of this course is to examine the sources of the civil laws of the leading countries and to determine the respective merits of the different systems. Prerequisite: Political Science 91-92. Elective: 3, 4, 5. Offered in alternate years. Not offered in 1936-1937.

Mr. Li

Political Science 97 Conflict of Laws 3 credits

This course deals with (a) a body of general rules governing the application of foreign laws in national courts, (b) special provisions in treaties

between China and foreign states which create exceptions to the general rules, and (c) Chinese law of nationality. Elective: 3, 4, 5. Offered in alternate years. Not offered in 1936-1937. Mr. Li

Political Science 99-100 Seminar in Civil Law 1-1 credits
This course is designed for postgraduate students of the department. The object is to guide the students in their study of the aspects of Civil Law that are not covered in the courses given in the current year. Not offered in 1936-1937. Mr. Li

Political Science 105 Elements of Criminal Law 3 credits
A study of the principles as embodied in the general provisions of the Criminal Code, including discussions on the decisions of and interpretations by the Supreme Court. Elective: 2, 3. Offered in alternate years. Not offered in 1936-1937. Mr. Li

Political Science 110 Elements of Law of Procedure 3 credits
This course will give the principles and application of the existing Chinese Codes of Civil and Criminal Procedure. Elective: 3, 4. Offered in alternate years. Not offered in 1936-1937. Mr. Li

Political Science 111-112 International Law 3-3 credits
The historical development and practical application of the rules governing the intercourse of nations at the present day. Elective: 3, 4, 5. TThS 9:20. Mr. Hsü and Mr. Wang

Political Science 131 Chinese Foreign Relations A 3 credits
This course deals with problems arising from relations with the Maritime Powers. Elective: 3, 4, 5. Offered in alternate years. Not offered in 1936-1937. Mr. Hsü

Political Science 134 Chinese Foreign Relations B 3 credits
This course deals with problems arising from the rise and expansion of the Japanese Empire. Elective: 3, 4, 5. Offered in alternate years. Not offered in 1936-1937. Mr. Hsü

Political Science 135 Chinese Foreign Relations C 3 credits
This course deals with questions concerning Mongolia, Chinese Central Asia, Tibet, and the southwestern provinces. Elective: 3, 4, 5. Offered in alternate years. TThS 10:20. Mr. Hsü

Political Science 145 History of Western Diplomacy 3 credits
The historical background of the foreign policies of the Western Powers and the development of methods of conducting official relations among modern governments. Elective: 3, 4, 5. Offered in alternate years. Not offered in 1936-1937. Mr. Hsü

Political Science 148 Contemporary Diplomacy 3 credits
The development of the international situation of the last thirty years and the attitude and policies of the Powers in dealing with each crisis. Elective: 3, 4, 5. Offered in alternate years. TThS 10:20. Mr. Hsü

Political Science 152 Foreign Policy 3 credits
This course deals with the causes and objectives of the foreign policy of states, the strategy of peace, and the strategy of war. Elective: 4, 5. Offered in alternate years. Not offered in 1936-1937. Mr. Hsü

Political Science 159-160 Seminar in International Law and Diplomacy 1-1 credits
This course is designed for postgraduate students of the department. The object is to guide the students in their study of the aspects of international law and diplomacy that are not covered in the courses given in the current year. F 3:10. Mr. Hsü

Political Science 199-200 Senior Thesis 2-2 credits

ECONOMICS

Gideon Ch'en, B.A.	<i>Professor and Chairman</i>
John B. Tayler, M.Sc.	<i>Professor</i>
Miss Augusta Wagner, M.A.	<i>Assistant Professor</i>
Yü Yung-tzu, B.A.	<i>Assistant Professor</i>
Hou Shu-t'ung, Ph.D.	<i>Lecturer</i>
*Huang Cho, M.A.	<i>Lecturer</i>
Harry B. Price, M.A.	<i>Lecturer (part-time)</i>
Chao Hsi-yü, M.S.	<i>Lecturer (part-time)</i>
Cho Chün-yung, B.Com.	<i>Lecturer (part-time)</i>
Yin Wen-ching, Ph.D.	<i>Lecturer (part-time)</i>

* On leave of absence, 1936-1937.

Cheng Lin-chuang, M. A.
 Chou Shun-hsin, B.A.
 Hung Chin-tsai, B.A.
 Miss Jao Yü-su, B.A.
 Yang Jen-chih, B.A.

Instructor
Research Assistant
Research Assistant
Research Assistant
Research Assistant

Shen Shou-tsuen, M.S.

Visiting Professor of Agriculture

The Department of Economics aims at giving a thorough understanding of the nature and methods of economics as a social science and of the economic movements of the present day. This latter field involves study of economic life and social structure in China itself and of the wider movements which are impinging upon her. Within this wide and varied field special attention is paid to rural economics and cooperation on the one hand and banking and accounting on the other.

The emphasis on the fundamental courses is to be strengthened in connection with the organization of a course preparing men for responsible administrative posts in government and industry, but paying much attention to economic conditions, social structure, and national, including rural, reconstruction in this country.

In all the courses the students are required to observe the field of study at first hand and are prepared to do original work by being set to study some local conditions or to collect and organize data in some new field. For those taking rural economics, "laboratory" work is provided in the nearby villages especially in connection with cooperatives. The accounts of these cooperatives and their auditing afford some practical experience for the accounting courses.

Special Requirements: Students are strongly advised to take Sophomore English.

The Major: From 42 to 68 credits in economics, including the following required courses:

Economics 1	Introduction to Economics	3 credits
Economics 3-4	Principles of Economics	3-3

Economics 5-6	History of Economic Thought	3-3 credits
Economics 11-12	Principles and Methods of Statistics	3-3
Economics 21-22	Western Economic History	3-3
Economics 29-30	Chinese National Economy	3-3
Economics 31-32	First Year Accounting	3-3
Economics 199-200	Senior Thesis	2 to 6
One course in social economics: Rural Economics, Cooperation, or Socialism.		

In addition one of the following groups is recommended according to the interest of the student:

General Economics:

Economics 13-14	Public Finance	3-3 credits
Economics 19	Economic Statistics	3
Economics 25	Modern Economic Development in Asia	3
Economics 26	Modern Economic Development in China	3
Economics 41-42	Money and Banking	3-3
Economics 44	Monetary Theories and Problems	3
Economics 71	International Trade	3
Economics 72	International Economic Problems	3
Economics 127	Economic Planning	3
Economics 131-132	Economics of Industry	3-3

Rural Economics:

Agriculture 1-2	Agricultural Problems	3-3 credits
Agriculture 3	Agricultural Marketing and Finance	3
Education 164	Rural Education	3
Economics 34	Auditing	3
Economics 41-42	Money and Banking	3-3
Economics 141-142	Rural Economics	3-3
Economics 143	Seminar in Rural Economics	3
Economics 151-152	History and Principles of Cooperation	3-3
Economics 157-158	Organization and Administration of Chinese Cooperatives	3-3
Political Science 35-36	Hsien Government	3-3

Political Science 51-52 Administrative Law 3-3 credits
 Sociology 131-132 Rural Sociology 3-3
 Sociology 133-134 Comparative Rural Movements 3-3
 16 credits in field training

Banking and Accounting:

Economics 33-34 Advanced Accounting and Auditing 3-3 credits
 Economics 35 Bank Accounting 3
 Economics 41-42 Money and Banking 3-3
 Economics 44 Monetary Theories and Problems 3
 Economics 48 Foreign Exchange 3
 Economics 50 Bank Management and Chinese Banking Problems 3

Correlated Subjects: From 16 to 24 credits in the departments of Philosophy, Psychology, Political Science, Sociology, or History, chosen in consultation with the chairman.

Economics 1 or 2 Introduction to Economics 3 credits

An introductory course designed to give the student a knowledge of the fundamental concepts of economics in relation to Chinese conditions. Elective: 1, 2. MWF 11:20. Miss Wagner

Economics 3-4 Principles of Economics 3-3 credits

This course covers the ground included in the standard textbooks, giving a general account of the principles underlying economic activity and is prerequisite for nearly all advanced courses in the department. Students receiving a grade below 5 in this course are not permitted to major in Economics. Prerequisite: Economics 1. Elective: 2. MWF 11:20. Mr. Price

Economics 5-6 History of Economic Thought 3-3 credits

A study of the development of economic thought from the time of the Mercantilists to the present. Prerequisite: Economics 3-4. Elective: 4. TThS 8:00. Miss Wagner

Economics 11-12 Principles and Methods of Statistics 3-3 credits

Both elementary principles of statistics and statistical methods will be dealt with in this course. There will be special emphasis on their application to the quantitative study of Chinese social and economic phenomena. Elective: 3, 4. MW 3:10, F 3:10-5:00. Mr. Hou

Economics 13-14 Public Finance 3-3 credits

A general study of the citizen's relation to the government in its fiscal aspects, including an analysis of the leading principles and practices of public finance, special emphasis being laid on the trend of recent development. Prerequisite: Economics 3-4. Elective: 3, 4. T 1:10-4:00. Mr. Yin

Economics 19 Economic Statistics 3 credits

Both theoretical and practical aspects of economic statistics will be dealt with in this course. The theoretical part of the study is designed to develop the principles discussed in the elementary course to a higher stage, covering such topics as algebraic manipulation of averages and measures of dispersion, partial and multiple correlation, the theory of sampling, and the methods of curve-fitting. The practical part of the study will emphasize the technical details and a few specialized methods in handling economic statistics. Illustrations will be drawn from economic and financial data exclusively.

The course assumes an acquaintance with the general principles of political economy and also proficiency in mathematics, including higher algebra and elementary calculus. Prerequisite: Economics 3-4 and 11-12. Elective: 3, 4. MWF 1:10. Mr. Hou

Economics 21-22 Western Economic History 3-3 credits

A comparative study of modern economic development in England, France, Germany, Russia, and the United States, with special emphasis upon changes in rural economy, transportation, and manufacture. The aim of the course is to furnish an historical background for the understanding of dynamic economic institutions, problems, and thought, and to provide a basis for comparison which will be useful in later study of Chinese economic conditions. Prerequisite: Economics 3-4. Elective: 3, 4. TThS 10:20. Mr. Price

Economics 25 Modern Economic Development in Asia 3 credits

This course covers modern economic development in Asia outside China, with special reference to Japan and India. Attention will be paid to economic and social changes in the countries under study as a result of modernization in the technique of production and economic organization. Prerequisite: Economics 3-4. Elective: 2, 3, 4. MWF 10:20. Mr. Ch'en

Economics 26 Modern Economic Development in China 3 credits

Factors influencing economic development in modern times; recent changes in economic institutions and economic life; their social and economic consequences. Prerequisite: Economics 3-4. Elective: 2, 3, 4. MWF 10:20. Mr. Ch'en

Economics 27-28 Chinese Economic Problems 3-3 credits

A non-technical course, designed especially for non-majors, dealing with China's outstanding economic problems. Special attention is given to questions of natural resources, population, rural development, transportation, and industrialization. Offered in alternate years. Elective: 2, 3, 4. W 7:30-10:00 *p. m.* Mr. Price

Economics 29-30 Chinese National Economy 3-3 credits

An introductory course designed to give the student basic knowledge of the foundations of Chinese economy, treated from the standpoint of developing a national system. Elective: 2, 3, 4. MWF 11:20. Mr. Ch'en

Economics 31-32 First Year Accounting 3-3 credits

The course aims to lay a solid foundation in the principles of accounting through the medium of lectures, assigned readings, and laboratory work. Prerequisite: Economics 1 or 3-4. Elective 2, 3. MW 3:10-5:00. Mr. Chao

Economics 33-34 Advanced Accounting and Auditing 3-3 credits

This course aims to train the student in the advanced theory and practice of accounts. Extensive study will be made through assigned readings. A series of problems, covering various phases, will be solved by the student. Stress will also be laid upon managerial problems from the standpoint of financing, organization, and analysis of accounts. Prerequisite: Economics 31-32. Elective: 3, 4. MWF 1:10. Mr. Chao

Economics 35 Bank Accounting 3 credits

This course covers the methods and principles of bank accounting. The systems and practices of bank accounting in China will be emphasized. Prerequisite: Economics 3-4. Elective: 2, 3, 4. ThS 8:00-10:10. Mr. Cho

Economics 41-42 Money and Banking 3-3 credits

A first course in the general principles of money, banking, and credit. The currency and banking system of China and possibly of leading foreign powers will be studied. Prerequisite: Economics 3-4. Elective: 3, 4. MWF 2:10. Mr. Hou

Economics 44 Monetary Theories and Problems 3 credits

The subject matter of this course will cover an analytical study of contemporary credit theories; a brief discussion of the currency problems that are facing individual powers and the world at large; and a detailed treatment of the currency and banking problems of China in particular. Prerequisite: Economics 41-42. Elective: 4. Offered in alternate years. MWF 1:10. Mr. Hou

Economics 48 Foreign Exchange 3 credits

The classical theories of international exchange and the organization and financial practices of the London Exchange Market will first be studied as a basis for further discussion. The mechanism and detailed working of the Chinese exchange markets, both before and after China's departure from the silver standard, will form the main topics of study. The multifarious measures of exchange control that have been put into operation in various countries since the recent breakdown of the gold standard will also be discussed. Prerequisite: Economics 3-4 and 41-42. Elective: 3, 4. TThS 10:20. Mr. Hou

Economics 50 Bank Management and Chinese Banking Problems 3 credits

This course is designed for students who are interested in the management of the Chinese bank, and deals with the problems from the standpoint of the manager. It will include such topics as personnel, organization, current business, and special problems of banking in China. Prerequisite: Economics 41-42. Elective: 4. ThS 8:00-10:10. Mr. Cho

Economics 71 International Trade 3 credits

This course deals with the theory of international trade; foreign exchange; foreign investments; international prices; control of international trade—subsidies, quotas, exchange restrictions, tariffs; an historical review of China's foreign trade with special emphasis on present day problems. Prerequisite: Economics 3-4. Elective: 3, 4. Offered in alternate years. MWF 9:20. Miss Wagner

Economics 72 International Economic Problems 3 credits

This course deals with the following aspects of international economic relations: raw materials; international competition for markets with related problems of cartels and combines, tariffs, dumping; international loans and investments; problems of international gold movements and price. Prerequisite: Economics 3-4. Elective: 3, 4. Offered in alternate years. MWF 9:20. Miss Wagner

Economics 121-122 History of Socialism 3-3 credits

The course will give a history of socialist thought and of the socialist movement including a comparative study of the different schools of socialism and a consideration of the problems of socialism. Prerequisite: Economics 3-4. Elective: 3, 4. TThS 9:20. Mr. Ch'en

Economics 127 Economic Planning 3 credits

This course deals with the problems of pricing, production, and distribution in a planned economy. Existing planned economies will be studied in connection with the analysis and discussion of the theoretical problems. Prerequisite: Economics 3-4. Elective: 3, 4. Not offered in 1936-1937. MWF 9:20. Miss Wagner

Economics 131-132 Economics of Industry 3-3 credits

This course deals with the business, technical, and social aspects of industry, with special reference to present day problems in China. Prerequisite: Economics 3-4. Elective: 3, 4. MWF 3:10. Mr. Ch'en

Economics 141-142 Rural Economics 3-3 credits

This course attempts to apply economic principles in a comparative study and analysis of China's rural economy and analysis of the problems of its reconstruction. Students are required to observe conditions at first hand. Prerequisite: Economics 1 or 3-4. Elective 3, 4. MWF 10:20. Mr. Tayler and Mr. Cheng

Economics 143 Seminar in Rural Economics 3 credits

The seminar is for the more advanced and detailed discussion of selected problems or fields in rural economy, chosen in accordance with the interest of the class and their intrinsic importance. Prerequisite: Economics 141-142. Elective: 3, 4. MWF 2:10. Mr. Tayler

Economics 151-152 History and Principles of Cooperation 3-3 credits

This is a substantial course bringing under survey the movement in Europe and Asia, its essential characters, its adaptation to differing social and economic conditions, its place in the economic system and its contribution to economic planning. Prerequisite: Economics 1 or 3-4. Elective 3, 4. MWF 11:20. Mr. Tayler, Mr. Cheng, and Mr. Yü

Economics 157-158 Organization and Administration of Chinese Cooperatives 3-3 credits

This course is designed to help the student acquire the technique of organization, management, and supervision of various types of cooperative societies in China. The class work is to be supplemented by field work and observation trips to the leading cooperative agencies and societies under the guidance of the instructor. Prerequisite: Economics 1 or Economics 3-4 and Economics 151-152. Elective: 3, 4. MWF 8:00-10:10. Mr. Yü

Economics 199-200 Senior Thesis

For thesis requirements students consult should the chairman of the department.

Agriculture 1-2 Agricultural Problems 3-3 credits

This course deals with the fundamentals of agriculture with special reference to conditions and problems in China. Elective: 2, 3, 4. Th 1:10-4:00. Mr. Shen

Agriculture 3 Agricultural Marketing and Finance 3 credits

This course deals with the principles of agricultural marketing and finance. Special problems in China will be discussed. Elective: 2, 3, 4. Not offered in 1936-1937.

SOCIOLOGY AND SOCIAL WORK

Chang Hung-chün, M.A. *Assistant Professor and Chairman*
 *Leonard S. Hsü, Ph. D. *Professor*
 Cato Young, Ph. D. *Professor*
 Wu Wen-tsoo, Ph. D. *Assistant Professor*
 Chao Ch'eng-hsin, Ph. D. *Lecturer*
 Miss Kit-king Lei, M.A. *Lecturer*
 Li An-che, B.S. *Lecturer*
 *Yen Ching-yueh, Ph.D. *Lecturer*
 Miss Kuan Jui-wu, M.A. *Lecturer (part-time)*
 T'ao Hsi-sheng, LL.B. *Lecturer (part-time)*
 Li Yu-I, B.A. *Research Assistant*
 Lin Yüeh-hua, M.A. *Research Assistant*
 Hsü Tsu-chia, B.A. *Assistant*

Chang Tung-sun *Professor of Philosophy*
 **T.T. Lew, Ph. D. *Professor of Psychology*
 Bingham Dai, Ph. D. *Honorary Lecturer*
 Djang Yuan-shan, B.S. *Adviser on Training for Rural Cooperatives*
 Richard S. Lyman, M.D. *Honorary Lecturer*
 Yüan I-chin, M.D., C.P.H. *Honorary Lecturer*

The Major: Students majoring in sociology should take not less than 32 or more than 68 credits in sociology. The following courses are required of all major students:

Sociology 1	Introduction to Sociology	3 credits
Sociology 3-4	Principles of Sociology	3-3

* On leave of absence, 1936-1937.

** On leave of absence, second semester 1936-1937.

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Sociology 5	Social Psychology	or	3 credits
Sociology 7	Social Anthropology		3
Sociology 61-62	Social Statistics		3-3
Sociology 199-200	Senior Thesis		2-2

In addition, students majoring in sociology should take :

Sociology 103-104	Chinese Social and Political Thinking		3-3 credits
Sociology 111-112	Contemporary Sociological Theories		3-3
Philosophy 183-184	Western Social and Political Thinking		3-3

Students majoring in social work are required to take :

Sociology 53-54	Introduction to Social Work		3-3 credits
Sociology 156	Case Work Methods		2
Sociology 174	Institutional Visitation		2
Sociology 177-178	Field Work		3-3

Correlated Subject: 16 to 24 credits chosen in consultation with the chairman of the department.

Sociology 1 or 2 Introduction to Sociology 3 credits

This is an orientation course open to all students. The purpose is to give a perspective of human society. The first part of the course deals with different aspects of human society and their interrelationships. It is intended to show how society is integrated, disintegrated, and reintegrated. The social change in China after contact with the West is the center of discussion. The material is presented concretely as well as comparatively in order to illustrate some basic concepts of social change. The second part deals with the field of sociology and its relation to both natural and social sciences. Elective 1, 2. TThS 8:00. Mr. Li

Sociology 3-4 Principles of Sociology 3-3 credits

This course is intended to give the student a systematic presentation of sociological theories and sociological concepts: the general concept of the human community and its composite elements including population, habitat, and culture; the social structure of the human community including the various forms of social organization, regulative principles, and the interrelations of the individual and the community; the nature and processes of social changes, including the factors of social changes; the problems of social maladjustment and social reorganization; the general question of sociology as a science including a general sketch of the sociological movement in the various parts of the world, a brief discussion on the methodology of sociology and the interrelations of sociology and other sciences. Elective: 2, 3. MWF 10:20. Mr. Chao

Sociology 5 (Psychology 141) Social Psychology 3 credits

A study of the general features and psychological foundations of social behavior. Problems of personality and social behavior, social attitudes and the subjective environment, leadership and prestige, public opinion and propaganda. Prerequisite: Psychology 1. Elective: 2, 3, 4. TThS 10:20. Mr. Lew

Sociology 7 Introduction to Social Anthropology 3 credits

This course is intended to help the student of social sciences to acquire an anthropological perspective. Naturally the emphasis is placed upon the social aspects of primitive life. A comparison is made of data on primitive society with those pertaining to civilized communities. Elective: 2, 3, 4. MWF 2:10. Mr. Li

Sociology 51 Social Disorganization 3 credits

This course seeks to examine the comparatively general nature of social disorganization in different types of cultures. It intends to analyze under what condition and by what process social disorganization originates, develops, leads to social reorganization. The study is centered around the nature of the contemporary urban and rural disorganization in China as a result of contact with Western culture. Students are advised to take this course as an introduction to the study of such specialized courses in social disorganization as Social Problems of the Chinese Family, Poverty and Poor Relief, Criminology and Penology, and courses in social work. Elective: 2, 3, 4. Not offered in 1936-1937.

Sociology 53-54 Introduction to Social Work 3-3 credits

An introductory course presenting a general view of the entire field of social work. Systematic consideration will be given to the major problems attacked by social workers and the principal forms and methods of social work. Class work will be supplemented by inspection trips and special lectures. Students must keep open Saturday mornings for field trips. If a student misses any one of these field trips he must make it up before he will receive credit for the course. A bus fare of \$4.00 a year will be charged each student taking the course. Elective: 2, 3, 4. MWF 8:00, S 8:00-12. Miss Lei

Sociology 61-62 Social Statistics 3-3 credits

The application of statistical methods to the analysis of social data. Central tendencies, variations, correlations, probability, and index number. Statistical methods and social survey. Statistical methods and sociological research. Elective: 2, 3, 4. MW 8:00, Th 2:10-4:00. Mr. Chao

Sociology 103-104 Chinese Social and Political Thinking 3-3 credits
(Philosophy 181-182)

A survey of the chief schools of Chinese philosophy and the history of their development through all the periods of Chinese history, with special attention to the problems of human relationships and the theories of social structure and political institutions that were developed to adjust those relationships. Elective: 3, 4, 5. MWF 11:20. Mr. Chang Tung-sun

Sociology 108 Advanced Social Anthropology 3 credits

Special studies of some phases of primitive life and institutions such as social organization, material culture, art, religion, and morality. The student is required to select one of these phases for intensive work. Prerequisite: Sociology 7. Elective: 3, 4, 5. Not offered in 1936-1937.

Sociology 111-112 Contemporary Sociological Theories 3-3 credits

A systematic and critical analysis of the more important sociological theories from Comte and Spencer to the present time, from the standpoint of their scientific validity and of the national and personal backgrounds of their authors. The types of theories considered in the course include the geographical, the biological, the psychological, the cultural, and other schools. Elective: 3, 4, 5. MWF 3:10. Mr. Li

Sociology 120 Economy and Society 3 credits

This course attempts to analyze relations and interactions between economic structure and different aspects of social life in order to demonstrate that society is an organic and functional whole. It surveys the different social backgrounds which give rise to different economic structures and shows how in turn different economic systems condition other aspects of social life such as government, family, religion, law, education, art and literature, philosophy, and science. Elective: 3, 4. Not offered in 1936-1937.

Sociology 121 Human Demography 3 credits

Methods of demographic analysis. Population theories. Systematic studies of the various aspects of population problems including age, sex, births, deaths, natural increase, migrations, population and food supply, population and culture, territorial distribution of population, and population quality. Sample studies of differential rates of increase among some important countries of the world. Special emphasis is given to methods of analysis of China's population. Prerequisite: Sociology 3-4. Elective: 3, 4. Not offered in 1936-1937. Mr. Chao

Sociology 124 Family 3 credits

Methods of inquiry. The psychological and ethnological aspects of the family. Evolution of the Chinese patriarchal family system. Modern social conditions reacting upon the Chinese family. Family disorganization and reorganization. Some problems of the Chinese family. Social reform and the family. Elective: 3, 4, 5. Not offered in 1936-1937. Mr. Wu

Sociology 125 Community Organization and Problems 3 credits

A study of the various forms of community in the West and in China. A survey of the various forms of community organization and of modern community movements. The relation of the local community and its development to democracy and social progress. Elective 2, 3, 4. Not offered in 1936-1937. Mr. Chang

Sociology 130 Urban Sociology 3 credits

The rise of metropolitan communities and its meaning to the integration of the world community. The process of urbanization and the ecological, demographic, and institutional structure of the metropolitan community. The nature of urban ways of living together, urban social changes, and urban problems. City planning and the general problem of urban social control. Prerequisite: Sociology 3-4. Elective: 3, 4. Not offered in 1936-1937. Mr. Chao

Sociology 131-132 Rural Sociology 3-3 credits

A theoretical analysis of the rural community, its nature, types, origin, development, environment, population, families, contact, interest, institutions, organization, and leadership. A practical analysis of the major social problems in the Chinese rural community: the problem of population, of family, of self-protection, of village government, of economic organization, of agricultural extension, of intellectual enlightenment, of religious faith, and finally of rural culture as a whole. Elective: 3, 4, 5. TThS 10:20.

Mr. Chang and Mr. Li

Sociology 133-134 Comparative Rural Movements 3-3 credits

A critical survey of rural movements in China from the cultural and sociological point of view. The nature of rural problems in China, types of rural disorganization, formulation of rural policies and rural programs, analysis of the technique of rural reconstruction, and development of rural leadership. Special reference will be made to experiments in Ching Ho, Ting Hsien, Tsou P'ing, Wusih. Elective: 3, 4, 5. MWF 10:20. Mr. Chang

Sociology 137-138 **Chinese Social History** **2-2 credits**

The study of the development of Chinese social institutions including the technique of production, exchange process, social organization, and their effects upon the ideological systems for the following five periods: Shang-Yin to Ch'un-Ch'iu, the Warring States to Later Han, the Three Kingdoms to the Five Dynasties, Sung to Ch'ing, and 1842 to the present. Elective: 3, 4, 5. T 2:10-4:00. Mr. T'ao

Sociology 145-146 **Social Changes in China** **2-2 credits**

This course is largely devoted to methods, suggestions, and problems of research in the field of social changes in China. Students are required to make original studies and participate in discussions on both the static and the dynamic aspects of social changes which are going on in China at the present time. The static aspect includes such topics as secret societies, non-political and less formal social organizations, political parties, non-political social movements, and the newspapers. The dynamic aspect includes the trend of actual changes in familial organization, in the village community, in social economy, and in political relations. The scientific or realistic point of view in sociological study is emphasized. Students taking this course should have a good background in sociology, economics, politics, anthropology, social psychology, and history. Prerequisite: Sociology 3-4 and Economics 3-4. Elective: 3 (with special permission), 4, 5. Not offered in 1936-1937.

Sociology 148 **Natural History of Social Movements** **3 credits**

This course seeks to examine the social movement as a process of natural history. It surveys the different stages of development of the social movement—its origin, existence, development, and either decline or transformation toward social reorganization. It is largely devoted to methods, suggestions, and problems of research in different stages or aspects of social movements both in other countries and in China. The student is required to make original investigations and participate in discussion. The study is centered around two contemporary social movements—the socialist-communist movement and the fascist movement. Attention will also be given to special social backgrounds which give rise to social movements and lead to changes of direction. The course attempts to show how social movements in turn affect the social situation and how two main social movements interact with each other. The process of social reorganization as a result of successful social movement is also discussed. The Soviet Union is studied as an example of this point. Elective: 3 (with special permission), 4, 5. Not offered in 1936-1937.

Sociology 149-150 **Seminar in Sociology** **2-2 credits**

The content of this course varies from year to year. Special permission of the instructor is required. Prerequisite: Sociology 3-4, Sociology 101-102. Elective: 4, 5. Not offered in 1936-1937.

Sociology 151 **Poverty and Poor Relief** **3 credits**

A survey of the extent and causes of poverty and dependency followed by a comparative study of existing machinery and methods of poor relief in the West and in China. Attention will be given to preventive measures of poverty and dependency. Elective: 2, 3, 4. Not offered in 1936-1937.

Sociology 153 **Criminology** **3 credits**

The purpose of this course is to study crime in relation to social change in China. It tries to analyze why crime was not a serious problem before the contact with the West when the old powerful traditions exercised tremendous influence over individual behavior. The study is based principally upon statistical material and case records secured in China in order to show how crime is deeply involved in the different aspects of culture from which it develops, and how crime can be studied as an indication of and response to social disintegration. The study is made comparatively with the material of crime in preliterate societies, the Anglo-American, and Soviet systems, with a view to showing the change of the concept of crime, of the process of formation of crime, and of the character of criminal organization in different types of culture. Elective: 3, 4. Not offered in 1936-1937. Mr. Yen

Sociology 154 **Penology** **3 credits**

This course deals with the theories of punishment, modern penal institutions, and the machinery of justice. Prerequisite: Sociology 153. Elective: 3, 4. Not offered in 1936-1937. Mr. Yen

Sociology 156 **Case Work Methods** **2 credits**

Development of the principles and methods in modern case work; examination of actual case records as applicable to medical, family, or child welfare, and other forms of public or private social service; the study of interviewing and case studies as fundamental to much of community organization and research. Prerequisite: Sociology 53-54. Elective: 3, 4. T 2:10-4:00. Miss Kuan

Sociology 158 **Group Work** **3 credits**

This course seeks to examine the natural social groupings into which persons tend to separate themselves and how these groups may be used by leaders of boys' and girls' clubs, Scouts, or Sunday School classes, for the purpose of character education. It is primarily a "methods course" for leaders of youth groups. Elective: 3, 4. Not offered in 1936-1937.

Sociology 159 **Social Problems of the Family** **3 credits**

A study of the characteristics of the Chinese traditional family and of the social problems of the family arising from social changes in China. The following problems are studied: the size of the Chinese family, family life, family disorganization, and the broken family. Elective: 2, 3, 4. MWF 11:20. Miss Lei

Sociology 160 **Child Welfare Problems** **3 credits**

A study of the principles of child welfare and of the problems involved in meeting social obligations to childhood, child mortality, child health, child training and education, the dependent child, child labor and juvenile delinquency. Elective: 2, 3, 4. MWF 11:20. Miss Lei

Sociology 164 **Public Health** **3 credits**

Medicine, in its application to and its utilization by communities, is a social activity. This course reviews the health conditions in China from the medical-social standpoint and describes possible community activities which can be organized to ameliorate poor health conditions and to build up a healthy population through the separate or combined medical fields of personal hygiene, preventive medicine, and curative medicine. Prerequisite: Sociology 53-54. Elective: 3, 4. Not offered in 1936-1937.

Sociology 168 **Social Psychiatry** **3 credits**

The aim of this course is to give the student some knowledge of the factors of human behavior and the principal measures of treatment and prevention of mental cases. Prerequisite: Sociology 5-6. Elective: 3, 4, 5. Not offered in 1936-1937.

Sociology 169-170 **Social Legislation** **3-3 credits**

This course is intended to trace the origin and development of social legislation, with special emphasis on the application and effect of the laws for the abolition of poverty, slavery, vagabondage, and mendicancy, laws dealing with social insurance, including old age pensions and unemployment, laws for the suppression of vices such as gambling, prostitution, and the opium traffic, marriage and divorce laws, housing laws related to public health. Prerequisite: Sociology 3-4 and Economics 1. Elective: 3, 4, 5. Not offered in 1936-1937.

Sociology 171 **Administration of Social Agencies** **3 credits**

The purpose of the course is to give students an intelligent knowledge of the principal problems involved in administering a social agency, to help them to develop the ability to handle the problems which they will later meet if they enter into social work, and to help them to cooperate intelligently as members of an organization staff. The following topics are studied: principles of organization, types of organization, planning the program, handling details, promoting the program, relations to constituency and publicity and advertising, personnel problems, staff relationships, reports and records, budgets and accounts, research. Prerequisite: Sociology 53-54. Elective: 3, 4, 5. Not offered in 1936-1937.

Sociology 172 **Public Welfare Administration** **3 credits**

A comparative study of the organization and functions of those departments of the government specially designed to deal with the problems of poverty, dependency, and delinquency in the West and in China. Due consideration will be given to the relations between central and local authorities and between private and public agencies in the carrying out of their function. A continuation of Sociology 171. Prerequisite: Sociology 53-54. Elective: 3, 4, 5. Not offered in 1936-1937.

Sociology 174 **Institutional Visitation** **2 credits**

An orientation course for beginners to acquire the mental habit of field observation. It also aims at the understanding of the actual operation of the normal as well as the pathological institution. Elective: 2, 3, 4. S 8:00-12:00. Miss Lei

Sociology 177-178 **Field Work** **3-3 credits**

Supervised practical field work to be arranged to meet the needs of the individual student as far as opportunities permit. The course is to include six hours of field work each week for two semesters. The instructor should be consulted concerning evaluation of work and the allowance for travel. Prerequisite: Sociology 53-54. Elective: 3, 4. W 2:10. Miss Lei

Sociology 179-180 **Seminar in Social Work** **2-2 credits**

The content of this course varies from year to year. Special permission from the instructor is necessary for registration. Prerequisite: Sociology 53-54. Elective: 4, 5.

Sociology 181-182 **Community Survey** **3-3 credits**

With the community as the object of investigation, the work of this course is divided into three parts: a systematic presentation of sociological

methods of community survey; a critical review of contemporary surveys of Chinese social life; field work. Elective: 3, 4, 5. Th 10:20-12:10.

Mr. Chao

Sociology 185-186 Journal Club 1-1 credits

Individual reports on articles in current sociological journals. Prerequisite: Sociology 3-4 or 101-102 or 111-112. Elective: 4, 5, (3 with special permission). Not offered in 1936-1937.

Sociology 191 Vital Statistics 3 credits

This course gives an introduction to vital statistics, including methods of collecting, tabulating, and analyzing statistical data. Lectures are followed by laboratory exercises. Prerequisite: Sociology 61-62, 121. Elective: 3, 4, 5. Dr. Yüan

Sociology 197-198 Field Research 3-3 credits

Individual research project in the field planned and carried out by the student but approved and supervised by the instructor. From 6-8 hours field work are required each week in addition to the one hour individual conference with the instructor. Prerequisite: Sociology 3-4. Elective: 4, 5. Not offered in 1936-1937.

Sociology 199-200 Senior Thesis 2-2 credits

THE GRADUATE YÜAN

From 1918 to 1935 all the postgraduate research in Yenching University was under the administration of a Committee on Graduate Studies and a large number of students pursued their advanced studies in twelve departments of the University.

In 1935 the Graduate Yüan was formally inaugurated following the registration with the Ministry of Education. It consists of three Research Institutes with the four divisions of History, Chemistry, Biology, and Political Science. In addition postgraduate work is offered in the departments of Chinese, Education, Philosophy, Physics, Psychology, and Sociology, without leading to a government degree.

Entrance Examination. Students desiring to do postgraduate research in the Graduate Yüan must pass the entrance examination for graduates before they can be admitted.

Period for Research. A graduate student must spend at least two years in the University in working for a degree. During this period he must spend his full time in residence. Under special circumstances and with the approval of the Executive Committee of the Graduate Yüan, he may be advised to pursue his studies on the field. If for any reason a suspension of studies is necessary the student may apply to the Dean for leave of absence. Such a leave of absence shall in no case exceed three years.

Course Work. A graduate student may elect or may be required by his advisor to take certain courses.

Comprehensive Examination. At the end of the first year of graduate study the student is required to pass a comprehensive examination in the general field of his research.

Graduate Thesis. The Graduate Thesis must be written in Chinese with an abstract in English. Three copies of the thesis and the abstract should be submitted before May 1 through the advisor to the Dean to be read by an Advisory Committee. No thesis or part of a thesis may be published without the permission of the Dean and the chairman of the major division.

Graduate Examination and Degree. When the thesis and abstract are accepted by the Advisory Committee, the candidate will be permitted to

come up for the Graduate Examination consisting of two parts : an examination in the subject and an examination on the thesis. The subject examination may be written or oral or both; the thesis examination will be oral. If the student passes both examinations satisfactorily, he will be recommended to the Ministry of Education as a candidate for the degree of Master of Arts or Master of Science.

EXECUTIVE COMMITTEE

Luh Chih-wei, Ph. D., *Dean of the Graduate Yuan*
William Hung, M.A., S.T.B., D.D., *Director, Research Institute of Arts and Letters*
Chenfu F. Wu, Ph. D., *Director, Research Institute of Natural Sciences*
Shuhsi Hsü, Ph. D., *Director, Research Institute of Public Affairs*
William H. Adolph, Ph. D.,
Lu K'an-ju, D. Litt.
*Wu Wen-tsoo, Ph.D.

DIVISIONS OF THE GRADUATE YUAN

The following list indicates the fields in which members of the faculty of the Graduate Yuan will supervise the work of graduate students who are candidates for a government degree.

DIVISION OF HISTORY

William Hung, M.A., S.T.B., D.D., *Chairman*
Modern History of the Far East
Technique of Historical Research
Chronology
Bibliography
Philippe de Vargas, Ph. D.
Western History
History of Christianity

*On leave of absence, 1936-1937.

Jung Keng

Archaeology
Epigraphy

Chang Hsing-lang, B. S. (part-time)

History of the Liao, Kin, and Yüan Dynasties
History of Chinese and Western Communications

Ku Chieh-kang, B.A.

Ancient History of China
History of Chinese Classics
History of Chinese Geography

Teng Chih-ch'eng

History of the Ming Dynasty
History of the Ch'ing Dynasty
History of Chinese Political and Economic Systems

Chang Er-t'ien (honorary)

Medieval History of China
History of Chinese Literature
History of Buddhism in China

DIVISION OF CHEMISTRY

William H. Adolph, Ph. D., *Chairman*

Biochemistry

Stanley D. Wilson, Ph. D.

Organic Chemistry

Earl O. Wilson, Ph. D.

Industrial Chemistry

Ts'ai Liu-sheng, Ph. D.

Physical Chemistry

Miss Kung Lan-chen, Ph. D.

Nutritional Chemistry

DIVISION OF BIOLOGY

Chenfu F. Wu, Ph. D., *Chairman*

Invertebrate Zoology
Entomology

*Miss Alice M. Boring, Ph. D.

Animal Biology and Zoogeography
Comparative Anatomy of the Vertebrates

Li Ju-ch'i, Ph. D.

Experimental Biology
Genetics and Heredity

Hsü Yin-ch'i, Ph. D.

Parasitology
Entomology

DIVISION OF POLITICAL SCIENCE

Shuhsi Hsü, Ph. D., *Chairman*

International Law
Chinese Foreign Relations
Contemporary Diplomacy

Lou Hsüeh-hsi, Ph. D.

Hsien Government
Municipal Government
Local Government of Modern States

Li Tsu-yin, LL. B.

Administrative Law

Wu Ch'i-yü, Ph. D.

Chinese Government
Government of Modern States

*On leave of absence, first semester 1936-1937.

OTHER DEPARTMENTS OFFERING GRADUATE WORK

The following list indicates the fields in which members of the faculty will supervise the work of graduate students who are candidates for a University degree.

DEPARTMENT OF CHINESE

Lu K'an-ju, D. Litt., *Chairman*

Novels, Drama, and Poetry

Kuo Shao-yü

History of Chinese Literature
Historical Criticism

Liu Chieh

Ancient Chinese Prose

Ch'ien Mu (part-time)

History of Chinese Thought

Ku Sui (part-time)

Tz'u Ch'ü 詞曲

T'ao Hsi-sheng, LL.B., (part-time)

Chinese Social and Economic History

T'ang Yung-t'ung (part-time)

Buddhist Philosophy

DEPARTMENT OF PHILOSOPHY

Chang Tung-sun, *Chairman*

History of Greek Philosophy
Epistemology in Modern Philosophy
Ancient Chinese Philosophy

Lucius C. Porter, M.A., L.H.D.

History of Philosophy

DEPARTMENT OF PSYCHOLOGY

Luh Chih-wei, Ph.D., *Chairman*

Intelligence and Thinking

Randolph C. Sailer, Ph.D.

Personality

Richard S. Lyman, M.D. (honorary)

Abnormal Psychology

DEPARTMENT OF EDUCATION

Chou Hsüeh-chang, Ph.D., *Chairman*

Tests and Statistical Measurements in Education

Chu Yu-kuang, Ph.D.

Rural Education

Howard S. Galt, Ed.D.

Philosophy of Education

Sociological Aspects of Education

DEPARTMENT OF PHYSICS

Hsieh Yü-ming, Ph.D., *Chairman*

Spectroscopy

Applied Optics

*William Band, M.Sc.

Theoretical Physics

Thermo-magnetic Effect

Meng Chao-ying, Ph.D.

Electricity

High Frequency Electro-magnetic waves

DEPARTMENT OF SOCIOLOGY

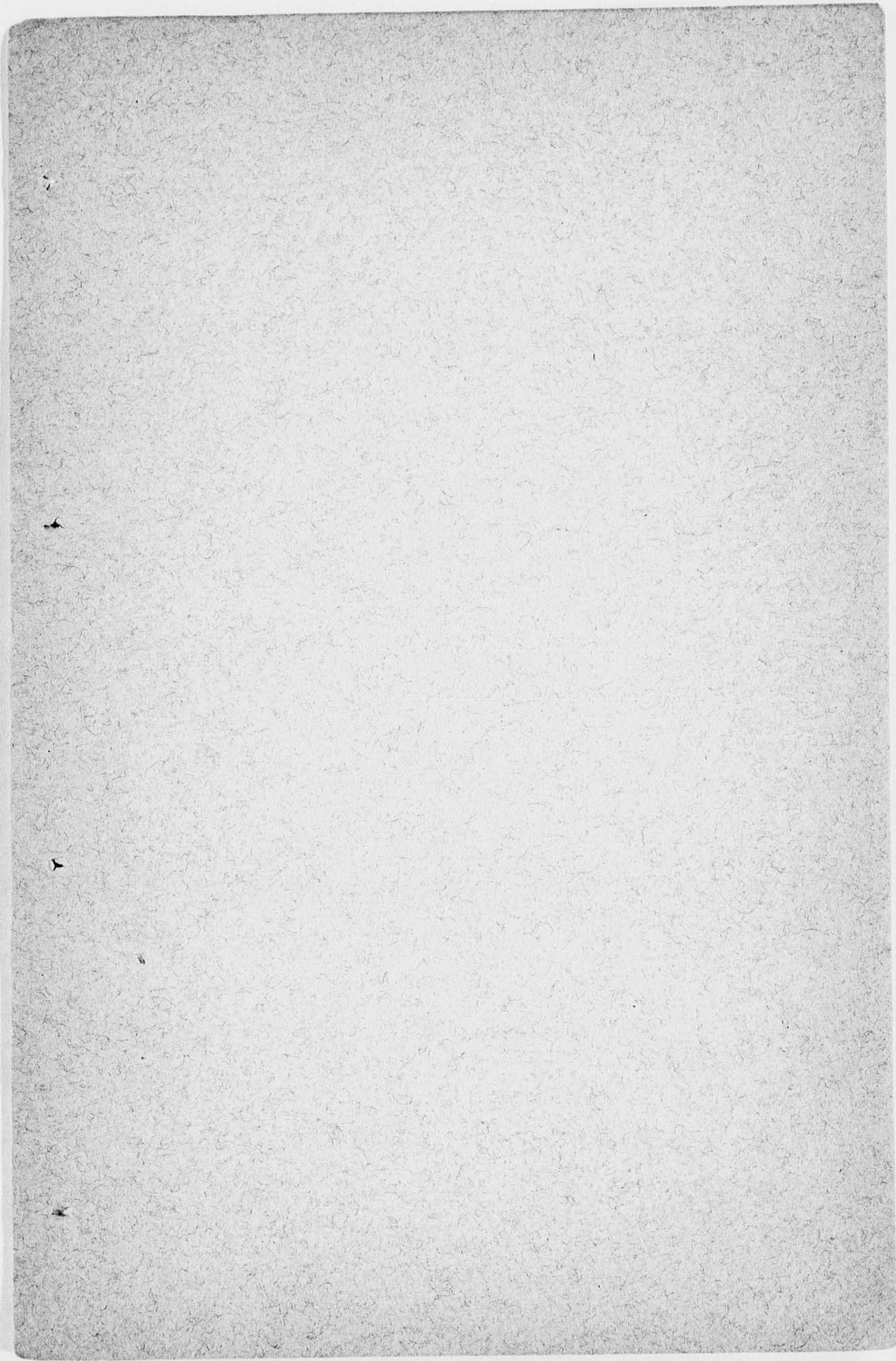
Chang Hung-chün, M.A., *Chairman*

Social Administration and Planning

Li An-che, B.S.

Methodology in Field Research and Folk Society

*On leave of absence, 1936-1937.



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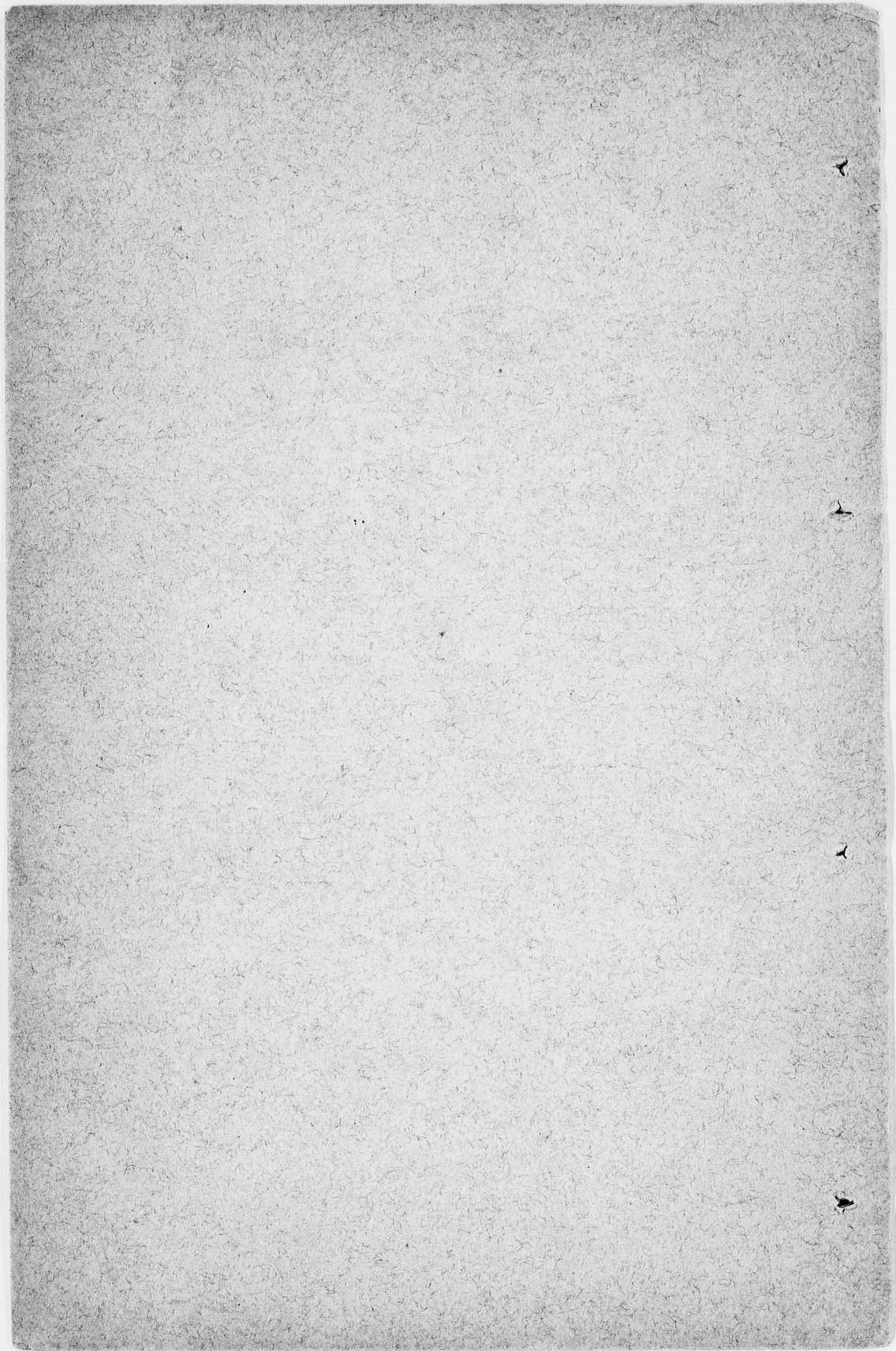
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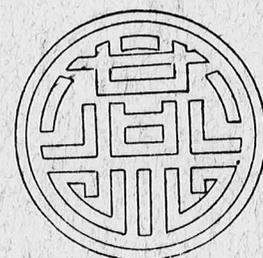
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學大京燕
YENCHING UNIVERSITY
BULLETIN

ANNOUNCEMENT OF COURSES

1938-1939



VOLUME XXIII—NUMBER 10

Peking, China

December, 1938

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YENCHING UNIVERSITY BULLETINS

The University issues regular bulletins at stated intervals and special bulletins as need arises. These are placed on sale at the University bookstore. Certain issues are distributed without charge by the Admissions Bureau.

University Catalogue (in Chinese).....	40 cents
Graduate Division.....	15 cents
Announcement of Courses.....	30 cents
Faculty Directory.....	15 cents
Student Directory.....	15 cents
Guidebook for Students. Each student of the University is entitled to one copy free. Extra copies, each.....	15 cents
Entrance Examination Questions (with syllabus of subjects). Published each year since 1932. Each.....	10 cents
Graduate Division Entrance Bulletin (in Chinese).....	Free
Undergraduate College Entrance Bulletin (in Chinese).....	Free
Entrance Information Bulletin for Overseas and Foreign Students....	Free
School of Religion Bulletin (in Chinese or English)	Free

Requests for further information should be addressed to

The Registrar
Yenching University
Peking, China

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ACADEMIC CALIFORNIA UNIVERSITY

燕京大學

YENCHING UNIVERSITY

BULLETIN

ANNOUNCEMENT OF COURSES

1938-1939



VOLUME XXIII—NUMBER 10

Peking, China

December, 1938

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ACADEMIC CALENDAR 1988-1989

FALL SEMESTER

Fall semester begins.....	Sept.	1 (Thurs.)
Dormitories open to students.....	Sept.	1 (Thurs.)
New students to report at the Admissions Bureau.....	Sept.	1-3 (Thurs.-Sat.)
Faculty preessional conference.....	Sept.	2 (Fri.)
Freshman week.....	Sept.	4-7 (Sun.-Wed.)
Exemption and placement tests.....	Sept.	7 (Wed.)
Registration.....	Sept.	8,9,10 (Thurs.-Sat.)
Opening convocation.....	Sept.	12 (Mon.)
Class work begins.....	Sept.	12 (Mon.)
Change of courses without fee.....	Sept.	12-17 (Mon.-Sat.)
Late registration with fee.....	Sept.	12-24 (Mon.-Sat.)
Last day for taking make-up examinations.....	Sept.	17 (Sat.)
Change of courses with fee.....	Sept.	19-24 (Mon.-Sat.)
Last day for handing in freshman mid-semester grades to Registration Bureau.....	Nov.	16 (Wed.)
University anniversary holiday.....	*Dec.	25 (Sun.)
New Year holiday.....	Jan.	1-3 (Sun.-Tues.)
Fall semester examinations.....	Jan.	9-16 (Mon.-Mon.)
Winter recess.....	Jan.	17-31 (Tues.-Tues.)

SPRING SEMESTER

Spring semester begins.....	Feb.	1 (Wed.)
Registration.....	Feb.	2-4 (Thurs.-Sat.)
Class work begins.....	Feb.	6 (Mon.)
Change of courses without fee.....	Feb.	6-11 (Mon.-Sat.)
Late registration with fee.....	Feb.	6-18 (Mon.-Sat.)
Last day for taking make-up examinations.....	Feb.	11 (Sat.)
Change of courses with fee.....	Feb.	13-15 (Mon.-Wed.)
Last day for making application for scholarships.....	Apr.	1 (Sat.)
Spring recess.....	Apr.	10-16 (Mon.-Sun.)
Alumni home-coming day holiday.....	Apr.	29 (Sat.)
Last day for handing in master's theses to Graduate Yuan.....	May	2 (Mon.)
Last day for handing in senior theses to Deans of Colleges.....	May	31 (Wed.)
Spring semester examinations.....	June	10-17 (Sat.-Sat.)
Baccalaureate Sunday.....	June	18 (Sun.)
Class Day.....	June	19 (Mon.)
Commencement.....	June	20 (Tues.)

*A make-up holiday will be given the following Monday.
All national holidays will be announced in due time.

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In spite of these handicaps the faculty was being constantly strengthened and the curriculum broadened. In 1928 the National Government extended its authority to Peking, which then became Peiping, and subsequently the University changed its registration from the Peking Government to the National Government in Nanking. About that time Mr. Wu Lei-ch'uan, a prominent Christian and Hanlin scholar, became Chancellor or academic head of the University.

In the years before 1930 the academic organization included a four-year college and a loosely organized graduate division. In the spring of 1930 in accordance with new regulations of the Ministry of Education, the University divided the undergraduate division into three colleges: The College of Arts and Letters, the College of Natural Sciences, and the College of Public Affairs. Following the reorganization there was steady progress toward higher standards of academic work.

The Graduate Division, without much change in organization, expanded during this period, although without definite recognition or regulation by the Ministry of Education. In 1934, however, the Ministry promulgated its regulations for graduate study and higher degrees, and the Graduate Division, reorganized accordingly, became the Graduate *Yuan*, with Dr. Luh Chih-wei as Dean.

A decision to limit the size of the student body to 800 was made in 1928, but more than once the enrolment has exceeded that number. Within the 800 there are approximately 250 women and 550 men students. The number of graduate students is not to exceed 100.

From the earliest days the University has maintained its purely private character. It has never had any financial assistance from, or official relations with, the American or any other foreign government. It is dependent entirely on the voluntary contributions of those who desire to express their practical good will for China through higher education on a Christian basis.

During the years on the new campus there has been a steady advance in academic standards, in the scope and quality of the courses offered, in the methods of study and teaching, and in the qualifications of the students and faculty. The number of graduates has averaged from 120 to 150 annually, and through this ever-increasing body of alumni Yenching University is making a constant contribution to China's welfare.

OFFICERS OF ADMINISTRATION

- J. Leighton Stuart, D.D., Litt. D., *President and Acting Chancellor*
Luh Chih-wei, Ph. D., *Dean of the Graduate School*
Chao Tzu-ch'en, M.A., B.D., Litt. D. *Dean of the School of Religion*
Chou Hsüeh-chang, Ph. D., *Dean of the College of Arts and Letters*
Stanley D. Wilson, Ph. D., *Dean of the College of Natural Sciences*
Gideon Ch'en, B.A., *Dean of the College of Public Affairs*
Miss Margaret B. Speer, M.A., *Dean of the College for Women*
Stephen Ts'ai, B.A., *Controller*
*Han Ch'ing-lien, B.A., *Acting Registrar and Secretary of Admissions*
Li Yen-ling, B.A., *Acting Registrar*
Miss Mary Cookingham, B.A., *Bursar*
T'ien Hung-tu, B.A., *Librarian*
Li T'ien-chüeh, M.D., *University Medical Officer*
Wu Chi-wen, M.D., *Assistant University Medical Officer*
Miss M. Elizabeth Jenkins, M.D., *Medical Officer, College for Women*
K. A. Wee, Ph. D., *Director, Physical Education for Men*
Miss Mary G. Brandt, M.A., *Director, Physical Education for Women*
K. Y. Ma, B. Com., *Executive Secretary, Committee on Scholarships and Loans*
Hsieh Ching-sheng, B.D. *Head of the Chinese Secretarial Bureau*

*On leave of absence, 1938-1939.

THE FACULTY
THE COLLEGE OF ARTS AND LETTERS

Chou Hsüeh-chang, Ph.D., *Dean of the College, Professor and Chairman of the Department of Education*

Miss Grace M. Boynton, M.A., *Professor of Western Languages*

Thomas E. Breece, M.A., *Professor of Western Languages*

Chang Tung-sun, *Professor of Philosophy*

Howard S. Galt, Ed. D., *Professor of Education*

William Hung, M.A., S.T.B., D.D., *Professor of History*

Jung Keng, *Professor of Chinese*

*Ku Chieh-kang, B.A., *Professor of History*

Kuo Shao-yü, *Professor and Chairman of the Department of Chinese*

*T. T. Lew, Ph.D., S.T.B., D.D., *Professor of Psychology*

Luh Chih-wei, Ph. D., *Professor and Chairman of the Department of Psychology*

*Mei Yi-pao, Ph.D., *Professor of Philosophy*

**Lucius C. Porter, B.D., M.A., D.D., L.H.D., *Professor and Chairman of the Department of Philosophy*

Randolph C. Sailer, Ph. D., *Professor of Psychology*

Harold E. Shadick, B.A., *Professor and Chairman of the Department of Western Languages*

Teng Chih-ch'eng, *Professor of History*

Philippe de Vargas, Ph. D., *Professor of History*

Louis E. Wolferz, Ph. D., *Professor of Western Languages*

Wu Lei-ch'uan, Hanlin Academy, *Professor of Chinese*

Chou Tso-jen, *Professor of Chinese (part-time)*

Ernest K. Smith, M.A., *Professor of Western Languages (part-time)*

*On leave of absence, 1938-1939.

**On leave of absence, first semester 1938-1939.

Miss Lucy M. Burt, M.A., *Assistant Professor and Acting Chairman of the Department of History*

Ch'i Ssu-ho, Ph. D., *Assistant Professor of History*

*Miss Anne Cochran, M.A., *Assistant Professor of Western Languages*

Liu P'an-sui, *Assistant Professor of Chinese*

Ouyang Hsiang, Ph. D., *Assistant Professor of Education*

Miss Margaret B. Speer, M.A., *Assistant Professor of Western Languages*

*Miss Ruth L. Stahl, Mus. B., *Assistant Professor of Music*

Tung Fan, B.A., *Assistant Professor of Chinese*

Bliss Wiant, M.A., *Assistant Professor and Chairman of the Department of Music*

*Hsia Yün, M.S., *Lecturer in Psychology*

Lin Chia-t'ung, Ph.D., *Lecturer in Psychology*

Ling Ching-yen, M.A., *Lecturer in Chinese*

Liu Hoh-hsüan, B.A., *Lecturer and Chairman of the Department of Journalism*

George R. Loehr, Litt. D., *Lecturer in Western Languages*

Lawrence M. Mead, M.A., *Lecturer in Western Languages*

Miss Tseng Hsiu-hsiang, M.A., *Lecturer in Education*

L. R. O. Bevan, M.A., LL. B., *Honorary Lecturer in Western Languages (part-time)*

Mrs. Thomas E. Breece, *Lecturer in Western Languages (part-time)*

Chang Hsing-lang, B. S., *Lecturer in History (part-time)*

Ch'ü Jun-min, *Lecturer in Chinese (part-time)*

Curtis Grimes, *Lecturer in Music (part-time)*

Hsiao Cheng-yi, M.A., *Lecturer in Chinese (part-time)*

Hsü Shih-ying, B.A., *Lecturer in Chinese (part-time)*

Ku Sui, B.A., *Lecturer in Chinese (part-time)*

Miss Lin P'ei-chih, B.A., *Lecturer in Chinese (part-time)*

Rudolph Löwenthal, Ph.D., *Lecturer in Journalism (part-time)*

*On leave of absence, 1938-1939.

W. Sheldon Ridge, B.A., *Lecturer in Western Languages (part-time)*
Shen Nai-chang, M. S., *Lecturer in Psychology (part-time)*
Mrs. Ernest K. Smith, B. A., *Lecturer in Music (part-time)*
Sun Jui-ch'in, LL. B., *Lecturer in Journalism (part-time)*
T'an Ch'i-hsiang, M. A., *Lecturer in History (part-time)*
Mrs. George E. Taylor, Ph. D., *Lecturer in Psychology (part-time)*
Mrs. Lilian C. Tong, *Lecturer in Western Languages (part-time)*
Wang Hsi-cheng, B. A., *Lecturer in Chinese and Philosophy (part-time)*

Cheng Ch'ien, B. A., *Instructor in Chinese*
Miss Chou Kuo-p'ing, B. A., *Instructor in Western Languages*
Liao T'ai-ch'u, M. A., *Instructor in Education*
Jean-Daniel Subilia, Lic. Litt., *Instructor in Western Languages*

Miss Chang Wei-ying, M. A., *Assistant in History*
Ch'i Yung-k'ang, B. A., *Research Assistant in Education*
Miss Chou Nien-tz'u, B. A., *Assistant in Western Languages*
William W. Hollister, B. A., *Assistant in Western Languages*
Melville T. Kennedy, Jr., B. A., *Assistant in Western Languages*
Li Feng-ke, B. A., *Assistant in Education*
Liu K'uei, B. A., *Assistant in Education*
T'ang Tzu-ch'ing, B. A., *Assistant in Education*
Ts'ai Te-ch'un, B. A., *Assistant in Education*
Miss Wu T'ien-min, M. A., *Research Assistant in Education*

*Miss Yang Min-ju, *Assistant in Chinese*

Chang Ching-ming, B. A., *Assistant in Journalism (part-time)*
Chou Feng-yi, B. A., *Assistant in Chinese (part-time)*
Miss Shirley Duncan, B. A., *Assistant in Western Languages (part-time)*
Miss Kao Yi-fen, B. A., *Assistant in Chinese (part-time)*
K'uang Chen, B. S., *Assistant in Psychology (part-time)*

*Appointment beginning in January.

THE COLLEGE OF NATURAL SCIENCES

Stanley D. Wilson, Ph. D., *Dean of the College and Professor of Chemistry*
William H. Adolph, Ph. D., *Professor and Chairman of the Department of Chemistry*
William Band, M. Sc., *Professor and Chairman of the Department of Physics*
Miss Alice M. Boring, Ph. D., *Professor of Biology*
Walter W. Davis, M. S., *Professor and Chairman of the Department of Mathematics*

Miss Martha Kramer, Ph. D., *Visiting Professor and Chairman of the Department of Home Economics*

Li Ju-ch'i, Ph. D., *Professor of Biology*
Shen Shou-tsuen, M. S., *Visiting Professor of Agriculture, University of Nanking*
Earl O. Wilson, Sc. D., *Professor of Chemistry*
Chenfu F. Wu, Ph. D., *Professor and Chairman of the Department of Biology*

Miss Ethel M. Hancock, B. Sc., *Assistant Professor of Mathematics*
*Ts'ai Liu-sheng, Ph. D., *Assistant Professor of Chemistry*
Lin Chi-ch'un, B. Cer. E., *Honorary Adviser in Ceramics, Department of Chemistry*

*Miss Ch'en I, M. A., *Lecturer in Home Economics*

Miss Ho I-chen, Ph. D., *Lecturer in Physics*

*Miss Kung Lan-chen, Ph. D., *Lecturer in Chemistry*

Norman C. C. Li, Ph. D., *Lecturer in Chemistry*

Hsiang Ping-ch'uan, B. S., *Visiting Associate in Agriculture, University of Nanking*

Lu Wei-ming, B.S., *Visiting Associate in Agriculture, University of Nanking*

L. R. O. Bevan, M.A., L.L. B., *Honorary Lecturer in Mathematics (part-time)*

Mrs. Hermann Consten, Ph. D., *Lecturer in Home Economics (part-time)*

*On leave of absence, 1938-1939.

Samuel M. Dean, B. S., M. E., *Honorary Lecturer in Mechanical Drawing (part-time)*
Mrs. Li Yen-ling, M. A., *Lecturer in Home Economics (part-time)*
Liu Mao-ling, B.S., B.E.E., *Lecturer in Physics (part-time)*
Hsü P'eng-ch'eng, M. S., *Instructor in Chemistry*
E. Ralph Lapwood, B. A., *Instructor in Mathematics*
Ts'ao Ching-p'an, B. A., *Instructor in Chemistry*
Ts'ui Yü-lin, M. S., *Instructor in Biology*
Tu Lien-yueh, M. S., *Instructor in Physics*
Wang Jun-ch'uan, M. S., *Instructor in Physics*
Chao Tsung-yi, B.S., *Research Assistant in Chemistry*
Ch'en Shang-chin, B. S., *Research Assistant in Chemistry*
Ch'eng Li-ch'ang, M. S., *Assistant in Physics*
Feng Shu-kung, B. S., *Assistant in Physics*
Miss Hsüeh Mu-lien, B. S., *Assistant in Biology*
Li Chao-t'e, B. S., *Assistant in Biology*
Lin Ch'ang-shan, M. S., *Assistant in Biology*
Lin Meng-chang, M. S., *Research Assistant in Chemistry*
Miss Pai Ho-i, B. S., *Assistant in Home Economics*
Miss Wu Ts'ai-ling, B. S., *Assistant in Biology*
Chiao Shou-hsun, B. S., *Assistant in Chemistry (part-time)*
Hsü Hai-ch'ao, B. S., *Assistant in Physics (part-time)*
Miss Ku Hsiu-yün, B. S., *Assistant in Mathematics (part-time)*
Li Ming-hsien, B. S., *Assistant in Mathematics (part-time)*
Mrs. Lin Tai K'e-fan, B. S., *Assistant in Home Economics (part-time)*
Mo Wen-ch'uan, M. S., *Honorary Assistant in Physics (part-time)*
Ts'ai Nien-su, *Assistant in Chemistry (part-time)*
Wu Tsu-fen, B. S., *Assistant in Chemistry (part-time)*
Miss Yen Chih-an, B. S., *Assistant in Mathematics (part-time)*

THE COLLEGE OF PUBLIC AFFAIRS

Gideon Ch'en, B.A., *Dean of the College, Professor, and Chairman of the Department of Economics.*
*Shuhsi Hsü, Ph. D., *Professor of Political Science*
*Wu Wen-tsao, Ph. D., *Professor of Sociology*
Yuan Wen-p'u, Ph. D., *Professor of Economics*
Chao Ch'eng-hsin, Ph. D., *Assistant Professor and Chairman of the Department of Sociology*
Miss Augusta Wagner, Ph. D., *Assistant Professor of Economics*
Wu Ch'i-yü, Ph. D., *Assistant Professor and Chairman of the Department of Political Science*
Yang K'un, Ph. D., *Assistant Professor of Sociology*
Michael Lindsay, M. A., *Tutor in Economics*
George E. Taylor, M. A., *Tutor in Political Science*
Cheng Lin-chuang, M. A., *Lecturer in Economics*
Hu Yü-chieh, J. D., *Lecturer in Political Science*
Ku Tun-jou, M. A., *Lecturer in Political Science*
Kuo Jui-chang, M.A., M.B.A., *Lecturer in Economics*
*Miss Kit-king Lei, M. A., *Lecturer in Sociology*
*Li An-che, B. A., *Lecturer in Sociology*
Chao Hsi-yü, M. S., *Lecturer in Economics (part-time)*
Mrs. Cheng Kuan Jui-wu, M. A., *Lecturer in Sociology (part-time)*
Hsiao Cheng-yi, M. A., *Lecturer in Sociology (part-time)*
Jamie Y. Loe, Ph. D., *Lecturer in Political Science (part-time)*
Rudolph Löwenthal, Ph. D., *Lecturer in Political Science (part-time)*
Mrs. Tung P'u Yueh-ch'iuung, M. A., *Lecturer in Economics (part-time)*
*On leave of absence, 1938-1939.

Huang Ti, M. A., *Instructor in Sociology*

Li Te-hsin, B. A., *Research Assistant in Economics*

Yang Jen-chih, B. A., *Research Assistant in Economics*

Chou Shun-hsin, B. A., *Assistant in Economics (part-time)*

Hsü Tsu-chia, B. A., *Assistant in Sociology (part-time)*

THE SCHOOL OF RELIGION

Chao Tzu-ch'en, M.A., B.D., Litt., D. *Dean of the School and Professor of Philosophy of Religion*

William Hung, M.A., S.T.B., D.D., *Professor of the History of Christianity*

*T. T. Lew, Ph.D., D.D., S.T.D., *Professor of Religion Education*

Li Jung-fang, M.A., Th.D., *Professor of the Old Testament*

J. Leighton Stuart, D.D., Litt. D., *Professor of the New Testament*

Philippe de Vargas, Ph.D., *Professor of the History of Christianity*

Wu Lei-ch'uan, Hanlin Academy, *Professor of the Philosophy of Religion*

Bliss Wiant, M.A., *Assistant Professor of Sacred Music*

Miss Myfanwy Wood, *Assistant Professor of Religious Education*

S. Withers Green, B.A., B.D., *Lecturer in the New Testament*

Arthur D. Rugh, M.A., *Honorary Lecturer*

Mrs. Randolph C. Sailer, M. A., *Honorary Lecturer in Religious Education*

*On leave of absence, 1938-1939.

ACADEMIC REGULATIONS

ENTRANCE. Students graduating from government or registered private senior middle schools may be admitted into the University by entrance examinations.

MAJOR DEPARTMENTS. Every undergraduate must select one of the following departments as a major department: *College of Arts and Letters*: Chinese, Western Languages, History, Philosophy, Psychology, Education, Music, Journalism. A Short Course in Kindergarten Primary Training is also offered under the Department of Education. *College of Natural Sciences*: Mathematics, Physics, Biology, Chemistry, Home Economics. *College of Public Affairs*: Political Science, Economics, Sociology and Social Work.

In the College of Arts and Letters and the College of Public Affairs a major course consists of not less than 32 and not more than 68 credits in one department, together with 16 to 24 credits in correlated subjects. The nature of the correlated subjects and further requirements are determined by each major department.

In the College of Natural Sciences a student must select one major and one minor department. The courses taken in the major department must total not less than 32 nor more than 50 credits; the courses in the minor department, which will usually be one of the departments within the College of Natural Sciences, should total from 12 to 20 credits. The sum of the major and the minor courses is to total not less than 50 credits.

The choice of the major course should be made at the beginning of the sophomore year unless for special reasons the student has secured permission from the dean to defer the decision to a later date. When the major department is chosen, a tentative program of study for the remainder of the college course should be planned by the student in consultation with the chairman of the department.

COURSES AND GENERAL REGULATIONS.

General program of studies for the freshman year in the College of Arts and Letters:

Group A. Chinese 1-2	3-3 credits
English 1-2	4-4
Physical Education	1-1

Six credits from each of the following groups :

<i>Group B.</i>	Mathematics 3-4 Biology 3-4 Chemistry 3-4 Geology 1-2 Physics 11-12	3-3
<i>Group C.</i>	Philosophy 21 or 22 Psychology 1 or 2 Psychology 9 or 10	3-3
<i>Group D.</i>	Political Science 1 or 2 Economics 1 or 2 Sociology 1 or 2 Education 3 or 4 Education 133 or 134 History 91 and 92	3-3
<i>Group F.</i>	Electives	3-3
		Total 20-20

General program of studies for the freshman year in the College of Public Affairs :

<i>Group A.</i>	Chinese 1-2 English 1-2 Physical Education	3-3 credits 4-4 1-1
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Six credits from each of the following groups :

<i>Group B.</i>	Mathematics 3-4 Biology 3-4 Chemistry 3-4 Geology 1-2 Physics 11-12	3-3
<i>Group C.</i>	Philosophy 21 or 22 Psychology 1 or 2 Psychology 9 or 10	3-3
<i>Group D.</i>	Social Science 1-2	3-3
<i>Group E.</i>	Electives	3-3
		Total 20-20

General program of studies for the freshman year in the College of Natural Sciences:

<i>Group A.</i>	Chinese 1-2 English 1-2 Physical Education	3-3 credits 4-4 1-1
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<i>Group B.</i>	Natural Sciences (three courses) Physics 1-2 Biology 1 or 2 Chemistry 1 or 2	3-3 5 5	8-8
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<i>Group C.</i>	Mathematics 1-2		3-3
			Total 19-19

Alternative Program (In special cases permission may be given for this program.)

<i>Group A.</i>	Chinese 1-2 English 1-2 Physical Education		3-3 credits 4-4 1-1
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<i>Group B.</i>	Natural Sciences (two out of three courses) Physics 1-2 Biology 1 or 2 Chemistry 1 or 2	3-3 5 5	5-5 or 8-3
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<i>Group C.</i>	Mathematics 1-2		3-3
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<i>Group D.</i>	Social Sciences (two courses) Political Science 1 or 2 Economics 1 or 2 Sociology 1 or 2		3-3 or 0-6
			Total 19-19 or 19-20

Women students in all colleges are required to take one credit in hygiene.

General program of studies recommended for the bachelor's degree :

- One year of Chinese (freshman year). The College of Natural Sciences requires eight credits of Chinese, of which six must be taken in the freshman year. Any student who obtains a grade of less than 5 in Chinese 2 is required to take a second year of Chinese. If he receives a grade of less than 4 in the second year he must take a third year.
- One year of English (freshman year). Some departments require a second year. Any student who obtains a grade of less than 5 in English 2 is required to take English 3-4.
- A second year of Chinese or of English (sophomore year); or two years of a second language : Japanese, French, or German.
- A laboratory course in natural science in any of the following subjects : physics, chemistry, biology, geology, or psychology.
- A year-course in economics, political science, or sociology, or a combination of two semester-courses in two of these subjects.

- f. A year-course in history, education, literature, or philosophy, or a combination of two semester-courses in two of these subjects as provided in the freshman program.
- g. A major study with its correlated courses including the bachelor's thesis. As far as possible a student's major study should be planned with reference to a significant problem in which he is interested rather than just as a group of courses.
- h. Physical education during freshman, sophomore, and junior years, a total of six credits.
- i. A one-credit course in hygiene for all women students.
- j. Free electives.

The individual program for each student should be based on this general program, but planned by the student and his adviser with careful consideration of individual needs, interests, and purposes. The student's program for the whole course should be prepared in advance and revised from year to year as the course develops.

INDEPENDENT STUDY AND HONORS COURSES. An Honors Degree in Social Studies is offered under the College of Public Affairs. Several departments offer Honors Courses to advanced students who have a general grade ratio of 6.2 or above. Students who give evidence of special ability will be encouraged to undertake a program of independent study during their junior and senior years.

GRADUATION. On fulfilling the prescribed curriculum in one of the major departments and completing 142 credits, of which six shall be in physical education, with an average grade ratio of 5, students will be graduated with the degree of Bachelor of Arts from the College of Arts and Letters and the College of Public Affairs, and with the degree of Bachelor of Science from the College of Natural Sciences.

CREDITS AND GRADES. A credit denotes a certain amount of satisfactory work done by the student. A credit is, on an average, equivalent to three hours of work each week for a semester in a university course. These three hours may consist of one hour of recitation in class and two hours of preparation, or they may be three hours of laboratory work or field work. Usually a three-credit course consists of three hours of class work each week for a semester. Credit is given for a course only when the student has secured a grade of 3 or above.

A grade denotes the quality of work the student does in a given course. The marking system is based on a 10-point scale. The quality of work represented by each grade may be described in general terms as follows :

- 10 Extraordinarily brilliant.
- 9 Excellent ; consistently high in quality and quantity.
- 8 Very superior ; well above the usual level.
- 7 Definitely above average.
- 6 Completely satisfactory ; the work of an average student who fulfils what is expected of him in a satisfactory way.
- 5 Up to the standard required for graduation.
- 4 Weak ; credits are deserved for this work but a student whose work is all of this quality should not become a university graduate.
- 3 Just passing ; of barely sufficient quality to deserve university credit.
- 2 A student receiving this grade is given an opportunity to be re-examined.
- 1 or 0 Failing.

A grade of 2 indicates a condition. No credit is given for a grade of less than 3. A general grade ratio of 5 is required for graduation. Students with a grade ratio below 4.2 for any single year, or below 5 for each of two consecutive years, will be dropped from the University.

FOREIGN STUDENTS. Yenching University is a university for Chinese students, but it welcomes a limited number of foreign students who desire to learn more of China and Chinese student life. Since entering students must pass entrance examinations similar to those of American colleges or submit records of successful work at some recognized college or university, candidates are advised to make application and submit credentials to the Secretary of Admissions before April 15. Foreign students are eligible for the bachelor's degree, but since many courses are conducted in Chinese and thus are not open to students who cannot use the language, most foreign students find it inadvisable to spend more than one or two years at Yenching.

OTHER REGULATIONS. For information concerning entrance requirements, tuition, laboratory fees and other expenses, scholarships, transfer requirements, and other regulations, the student should consult the *Guidebook for Students*.

COURSES OF INSTRUCTION

It should be observed that the course number indicates the semester in which the course is given. Courses with an odd number are offered in the first semester and courses with an even number, in the second semester.

The Chinese language is the medium of instruction in most courses taught by Chinese members of the faculty. Courses given by Western instructors are usually conducted in English. A few exceptions will be found in the College of Natural Sciences, where English is used in a large number of courses.

THE COLLEGE OF ARTS AND LETTERS

CHINESE

Kuo Shao-yü	<i>Professor and Chairman</i>
Jung Keng	<i>Professor</i>
Wu Lei-ch'uan, Hanlin Academy	<i>Professor</i>
Chou Tso-jen	<i>Professor (part-time)</i>
Liu P'an-sui	<i>Assistant Professor</i>
Tung Fan, B. A.	<i>Assistant Professor</i>
Ling Ching-yen, M. A.	<i>Lecturer</i>
Ch'ü Jun-min	<i>Lecturer (part-time)</i>
Hsiao Cheng-yi, M. A.	<i>Lecturer (part-time)</i>
Hsü Shih-ying, B. A.	<i>Lecturer (part-time)</i>
Ku Sui, B. A.	<i>Lecturer (part-time)</i>
Miss Lin P'ei-chih, B. A.	<i>Lecturer (part-time)</i>
Wang Hsi-cheng, B. A.	<i>Lecturer (part-time)</i>
Cheng Ch'ien, B. A.	<i>Instructor</i>
*Miss Yang Min-ju	<i>Assistant</i>
Chou Feng-yi, B. A.	<i>Assistant (part-time)</i>
Miss Kao Yi-fen, B. A.	<i>Assistant (part-time)</i>

Chao Tzu-ch'en, M.A., B.D., Litt., D. *Professor in the School of Religion*

The aim of the Department of Chinese is to give a thorough training in Chinese literature and language to students who wish to specialize and also to raise the general standard of Chinese for all students in the University.

* Appointment beginning in January.

The Major: No student will be accepted as a major student in this department unless he has obtained a grade of at least 5 in Freshman Chinese.

A major student should take at least 48 credits in Chinese including the following:

Chinese 55-56	History of Chinese Literature	3-3 credits
Chinese 65-66	Selected Writings A	2-2
Chinese 67-68	Selected Writings B	2-2
Chinese 151-152	Philology	3-3
Six credits chosen from:		
Chinese 15-16	Advanced Composition	2-2 or 3-3
Chinese 17 or 18	Correspondence	2
Chinese 21 or 22	Colloquial Composition	2
Chinese 31 or 32	Documentary Composition	2
Chinese 45-46	Selected <i>Pien Wen</i>	2-2
Six credits chosen from:		
Chinese 41-42	Selections of Poetry	3-3
Chinese 43	Selected <i>Tz'u</i>	3
Chinese 44	Selected Miscellaneous <i>Ch'ü</i>	3

Students interested in research in Chinese language should select the courses in philology, phonology, etymology, Chinese grammar, Chinese paleography, and *Shao Wen*. Students interested in Chinese literature should choose the History of Chinese Poetry, the History of Chinese Novels and Dramas, and the History of Chinese Literary Criticism.

Correlated Subjects: From 16 to 24 credits chosen in consultation with the chairman of the department. Students wishing to prepare themselves to teach Chinese are encouraged to choose education and to fulfil the requirements of the Department of Education for the Form B Diploma.

Chinese 1-2 Freshman Chinese 3-3 credits

This is divided into two sub-courses: Course I, dealing with Chinese academic thought and Chinese literature; Course II, developing literary taste and giving training in writing.

Note: Any student who receives a grade of less than 5 in Chinese 2 is required to take a second year of Chinese. If his grade in second year Chinese is less than 4, he must take a third year.

Course I: W 2:10 Section A; Th 2:10 Section B; S 10:20 Section C.

Course II: M 2:10-4:00 Sections A, B, C, D, E; T 2:10-4:00 Sections F, G, H, I, J, K; F 2:10-4:00 Sections L, M, N, O, P.

- Chinese 157 or 158 Grammar 2 credits
A study of similarity and differentiation in ancient and modern sentence constructions and a comparison between Western and Chinese grammar. Mr. Tung
Elective: 2, 3, 4. MWF 11:20.
- Chinese 159 *Shuo Wen* 說文 3 credits
A study of *Shuo Wen Chieh Tzu* 說文解字, providing practice so that the ancient books can be read. Elective: 2, 3, 4. MWF 9:20. Mr. Jung
- Chinese 160 Paleography 3 credits
A study of the earliest characters found on ancient stones, bronzes, and oracle bones. Elective: 3, 4. MWF 9:20. Mr. Jung
- Chinese 161-162 History of Chinese Poetry 2-2 credits
This course will deal with the origin, development, and changes of the poetry, *Tz'u* and *Ch'ü*, of the past. Elective: 2, 3, 4. Not offered in 1938-1939. Mr. Cheng
- Chinese 163-164 History of Chinese Literary Criticism 2-2 credits
The development and changes of Chinese literary thought and the viewpoints of the critics of the past. Elective: 2, 3, 4. MWF 9:20. Mr. Kuo
- Chinese 166 *T'ao Ch'ien* 陶潛 2 credits
A technical study of the works of *T'ao Ch'ien*. Elective: 3, 4. TTh 9:20. Mr. Kuo
- Chinese 199-200 Senior Thesis 2 to 4 credits
Under the guidance of an instructor, a topic is selected and a thesis prepared.

JAPANESE

- Japanese 1-2 Elementary Japanese 3-3 credits
The student will become familiar with common phrases and grammar, simple conversation, and literary expressions. Credit will not be given unless Japanese 3-4 is completed also. Elective: 2, 3, 4. MTWTh 9:20. Mr. Hsiao
- Japanese 3-4 Advanced Japanese 3-3 credits
This course includes daily composition and a study of novels. By the end of the year the student is expected to be able to read or translate without difficulty. Elective: 2, 3, 4. W 9:20, Th 9:20-11:10. Mr. Chou Feng-yi

CHINESE LANGUAGE FOR FOREIGN STUDENTS

- Chinese for Foreigners. 3-3 credits
Special courses of language study are arranged to give foreign students an introduction to the use of modern Chinese in its spoken and written forms. The work includes two class periods each week and four periods of private coaching for which a special fee is charged. Foreign students wishing to take these courses should consult Miss Burt.

WESTERN LANGUAGES

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|---------------------------------|-------------------------------|
| Harold E. Shadick, B. A. | <i>Professor and Chairman</i> |
| Miss Grace M. Boynton, M. A. | <i>Professor</i> |
| Thomas E. Breece, M. A. | <i>Professor</i> |
| Louis E. Wolferz, Ph. D. | <i>Professor</i> |
| Ernest K. Smith, M. A. | <i>Professor (part-time)</i> |
| *Miss Anne Cochran, M. A. | <i>Assistant Professor</i> |
| Miss Margaret B. Speer, M. A. | <i>Assistant Professor</i> |
| George R. Loehr, Litt. D. | <i>Lecturer</i> |
| Lawrence M. Mead, M. A. | <i>Lecturer</i> |
| Mrs. Thomas E. Breece | <i>Lecturer (part-time)</i> |
| W. Sheldon Ridge, B. A. | <i>Lecturer (part-time)</i> |
| Mrs. Lilian C. Tong | <i>Lecturer (part-time)</i> |
| Miss Chou Kuo-p'ing, B. A. | <i>Instructor</i> |
| Jean-Daniel Subilia, Lic. Litt. | <i>Instructor</i> |
| Miss Chou Nien-tz'u, B. A. | <i>Assistant</i> |
| William W. Hollister, B. A. | <i>Assistant</i> |
| Melville T. Kennedy, Jr., B. A. | <i>Assistant</i> |
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| L. R. O. Bevan, M. A., LL. B. | <i>Honorary Lecturer (part-time)</i> |
| Miss Shirley Duncan, B. A. | <i>Assistant (part-time)</i> |
| Li Jung-fang, M. A., Th. D. | <i>Professor in the School of Religion</i> |
| Miss Myfanwy Wood | <i>Assistant Professor in the School of Religion</i> |

* On leave of absence, 1938-1939.

THE DIVISION OF ENGLISH

A student may major in the Division of English in two ways. He may take either Course A, a course mainly in literature, or Course B, a course giving special preparation for the teaching of English. By taking three credits in methods of teaching English, seventeen credits in the Department of Education, and twenty credits in a correlated subject, the student in Course B may qualify for the Diploma in Education, Form B.

English 1-2 and English 5-6 are prerequisite for major work in English but do not count as part of the major credits. In order to major in English a student must have a grade of at least 6 in English 2.

Course A, The Major :

At least 45 credits in English including the following :

English 11-12	Nineteenth Century English Literature	3-3 credits
English 13-14	Eighteenth Century English Literature	3-3
English 15-16	English Literature to 1600	3-3
English 17-18	Seventeenth Century English Literature	3-3
English 27-28	Shakespeare	3-3
English 31	Advanced Composition I*	3
English 35	Phonetics*	2
English 199-200	Senior Thesis	2-2

Correlated Subjects : History 119-120, The History of England, 3-3 credits. At least 10 credits chosen from Chinese, economics, education, history, philosophy, political science, psychology, or sociology, or from courses in French or German numbered 100 or above.

Course B, The Major :

At least 44 credits in English including three courses out of this group :

English 13-14	Eighteenth Century English Literature	3-3 credits
English 15-16	English Literature to 1600	3-3
English 17-18	Seventeenth Century English Literature	3-3
English 27-28	Shakespeare	3-3

* Students may be exempted from this requirement by examination.

and all the following :

English 11-12	Nineteenth Century English Literature	3-3 credits
English 31	Advanced Composition I	3
English 35	Phonetics	2
English 36	Comparative Phonetics	2
English 161	Methods of Teaching English	3
English 199-200	Senior Thesis	2-2

Correlated Subjects : 20 credits in one correlated subject and 17 credits in education including the following :

Education 3	Introduction to Education	3 credits
Education 16	Educational Psychology	3
Education 125	Secondary Education	3
Education 126	Methods of Teaching	3

Psychology 1 must be taken as a prerequisite for Education 16.

THE DIVISION OF FRENCH AND GERMAN.

This division gives instruction in French and German. Students may major in French Literature.

The Major : 46 credits as follow :

French 111-112	Eighteenth Century French Prose	3-3 credits
French 113-114	Victor Hugo and the Romantic Movement	3-3
French 117-118	Contemporary Prose	3-3
French 119-120	Classical French Drama	3-3
French 199-200	Senior Thesis	2-2
English 85-86	History of French Literature	3-3

Six credits chosen from the following courses :

English 11-12, 13-14, 15-16, 17-18, 28-29, 51-52, 73-74, 77-78.

Correlated Subjects : At least 16 credits chosen from the group of correlated subjects listed under the Division of English. Six credits in the history of France or Europe are required instead of six credits in the history of England.

ENGLISH

- English 1-2 Freshman English 4-4 credits
 Intensive study of short passages of English of various types. Weekly written work, including paraphrasing, précis-writing, letter-writing. Special attention is given to typical errors in written and spoken English. A short work of fiction is required to be read each month.
 Required: 1. MTWThF 9:20 or 10:20 or 11:20.
- English 3-4 Special Sophomore English 4-4 credits
 Prerequisite: English 1-2. MWThF 9:20.
 Note: Sophomore students whose grade in English 2 was less than 5, are required to take English 3-4 instead of English 5-6.
- English 5-6 Sophomore English 4-4 credits
 Essay writing and a study of texts. Prerequisite: English 1-2. Elective: 2. MWThF 9:20 Section A for students interested in literature; Section B for students interested in the social sciences, history, education, and journalism. MWThF 11:20 Section D for students interested in natural science; Section E for premedical students; Section F for students interested in literature.
 Note: English 3-4 or 5-6 is prerequisite for all English courses. English 11-12 and 35-36 may be taken concurrently with English 5-6.
- English 11-12 Nineteenth Century English Literature 3-3 credits
 A careful study of the chief writers and literary movements of the nineteenth century. Prerequisite: English 5-6 (see note above). Elective: 2, 3, 4. MWF 10:20. Miss Speer
- English 13-14 Eighteenth Century English Literature 3-3 credits
 Prerequisite: English 5-6. Elective: 3, 4. TThS 8:00. Miss Boynton
- English 15-16 English Literature to 1600 3-3 credits
 Prerequisite: English 5-6. Elective: 3, 4. Not offered in 1938-1939. MWF 8:00. Miss Cochran
- English 17-18 Seventeenth Century English Literature 3-3 credits
 Prerequisite: English 5-6. Elective: 3, 4. Not offered in 1938-1939. TThS 8:00. Mr. Shadick
- English 27-28 Shakespeare 3-3 credits
 Prerequisite: English 5-6. Elective: 3, 4. Not offered in 1938-1939. MWF 8:00. Mr. Breece

- English 31 Advanced Composition I 3 credits
 This course is designed for students who desire to develop their ability in writing. Daily short essays and frequent long ones. Prerequisite: English 5-6. Elective: 3, 4. TTh 10:20. Mr. Smith
- English 32 Advanced Composition II 3 credits
 Practice in the writing of short stories and other forms of imaginative writing following as far as possible the interest of the individual student. Prerequisite: English 31. Elective: 3, 4. TTh 10:20. Mr. Smith
- English 35 Phonetics 2 credits
 A practical application of phonetics in the modifying and correcting of English pronunciation, based upon a comparative study of English and Chinese speech sounds. Prerequisite: English 5-6 (see note above). Elective: 2, 3, 4. MWF 3:10. Mr. Mead
- English 36 Comparative Phonetics 2 credits
 Further work in theoretical phonetics with a study of the speech sounds of several modern languages. Prerequisite: English 35. Elective: 2, 3, 4. Not offered in 1938-1939. MWF 3:10.
- English 41 History of the Drama 3 credits
 This course traces the drama from its earliest beginnings through the Greek and Roman periods, its rise in France and England, and its development in the eighteenth and nineteenth centuries. Plays of all periods are studied. Prerequisite: English 5-6. Elective: 3, 4. MWF 9:20. Mr. Breece
- English 42 Modern Drama 3 credits
 A continuation of English 41. Some of the authors studied are Goldsmith, Sheridan, Gilbert, Ibsen, Wilde, Pinero, Rostand, Hauptmann, O'Neill, Jones, Yeats, Synge, Dunsany, Maeterlinck. Prerequisite: English 5-6. Elective: 3, 4. MWF 9:20. Mr. Breece
- English 44 American Literature 3 credits
 The earlier part of this field is covered rapidly through lectures and readings. The chief emphasis is laid on the literature of the nineteenth and twentieth centuries. Prerequisite: English 5-6. Elective: 3, 4. Not offered in 1938-1939. Miss Cochran
- English 51-52 Currents of Modern Thought 2-2 or 3-3 credits
 Studies in the literary expression of important thought movements: philosophical, scientific, social, and religious. Whitehead's *Science and the Modern World* is used to provide an historical framework, and the reading includes selections from such writers as Rousseau, Goethe, the German Romantics, Wordsworth, Shelley, Mill, Spencer, Ruskin, and Nietzsche. Prerequisite: English 5-6. Elective: 3, 4. Not offered in 1938-1939. TTh 3:10. Mr. Shadick

- English 57-58 The English Novel 3-3 credits
 This course traces the development of the novel from its beginning to James Joyce. Prerequisite: English 5-6. Elective: 3, 4. Not offered in 1938-1939. MWF 11:20. Miss Boynton
- English 67-68 Twentieth Century Prose 2-2 credits
 Prerequisite: English 5-6. Elective: 3, 4. Not offered in 1938-1939. Miss Cochran
 Students are recommended to take English 63 and English 69-70 together, forming one course in contemporary literature.
- English 69-70 Twentieth Century Poetry 1-1 credits
 Prerequisite: English 5-6. Elective: 3, 4. W 11:20. Miss Boynton
- English 73-74 Renaissance Literature 3-3 credits
 A general study of the renaissance of literature in Italy, Spain, France, and Germany, with a careful reading of the masterpieces of Dante, Boccaccio, Cervantes, Rabelais, Montaigne. Prerequisite: English 5-6. Elective: 3, 4. Not offered in 1938-1939.
- English 5 Poetic Literature of the Hebrews 3 credits
 Elective: 2, 3, 4. MWF 3:10. Mr. Li
- English 76 Wisdom Literature of the Hebrews 3 credits
 Elective: 2, 3, 4. MWF 3:10. Mr. Li
- English 77-78 Classical Literature 3-3 credits
 A study, in English translation, of the literature of Greece and Rome. Attention is drawn to specific instances of the influence of the classical writings upon later European literature. Prerequisite: English 5-6. Elective: 3, 4. Not offered in 1938-1939. MWF 2:10.
- English 81-82 Literature of the Bible 3-3 credits
 A study of the different types of Biblical literature, showing how much modern English is founded on the Bible. The historical background of the books is included in the course. Prerequisite: English 5-6. Elective: 3, 4. MWF 2:10. Miss Wood
- English 83-84 Russian Literature 3-3 credits
 A series of lectures on the history of Russian literature; reading in English translation of works by Pushkin, Lermontov, Gogol, Turgenev, Ostrovsky, Tolstoi, Chekhov, and Dostoevski. Prerequisite: English 5-6. Elective: 3, 4. Not offered in 1938-1939. MWF 10:20.

- English 85-86 History of French Literature 3-3 credits
 The lectures in this course are given in English and students who are unable to read French may read the texts in English translation. Students majoring in French are expected to do their reading in the original. Prerequisite: English 5-6. Elective: 3, 4. MWF 10:20. Mr. Loehr
- English 89-90 Literary Criticism 3-3 credits
 Lectures on the history and principles of criticism; reading of standard critical texts; exercises in criticism. Prerequisite: English 5-6. Elective: 3, 4. T 3:10-5:00. Mr. Shadick
- English 91-92 Translation from Chinese into English 2-2 or 3-3 credits
 Selected passages from various types of Chinese literature—the classics, poetry, novels, essays, modern lectures, newspaper editorials, and stories will be used for translation by each member of the class. Not more than an hour a week will be given to a class meeting; regular personal consultation between individual students and the instructors will be arranged. The effort will be made to make some inductions regarding the characteristic differences between the English and the Chinese languages as vehicles for expressing thought. Students must secure the approval of the chairman of the department before registering for this course. Prerequisite: English 5-6. Elective: 3, 4 (limited to 15 students). Not offered in 1938-1939. W 3:10.
- English 161 or 162 Methods of Teaching English 1 to 3 credits
 This course takes up the problems and methods of teaching English in middle schools. Students are expected to teach under supervision in the Junior Middle School conducted by the Department of Education. Students must secure the approval of the chairman of the department and the instructors before registering for the course. Prerequisite: English 5-6. Elective: 3, 4. Time of lectures and teaching hours to be arranged. Miss Speer and Miss Chou
- English 199-200 Senior Thesis 2-2 credits
 FRENCH
- French 1-2 Elementary French 3-3 credits
 An introductory course intended for students with a talent for languages. The equivalent of at least two years of middle school work is covered. The work of the class is conducted in French. No credit is given unless French 3-4 is satisfactorily completed also. Elective: 1, 2, 3. MWF 8:00 Section A; MWF 3:10 Section B. Section A: Mr. Subilia Section B: Mr. Loehr

French 3-4 Intermediate French 3-3 credits

Reading of easy texts with conversation, dictation, and composition exercises taken from the reading material. Grammar review. The work of the class is conducted in French. Prerequisite: French 1-2. Elective: 2, 3, 4. MWF 9:20 Section A; MWF 2:10 Section B. Section A: Mr. Subilia Section B: Mr. Wolferz

French 105-106 Nineteenth Century French Drama 3-3 credits

Selected dramas by Hugo, Musset, Labiche, Augier, Dumas fils. All the work is conducted in French. Prerequisite: French 3-4. Elective: 3, 4. Not offered in 1938-1939.

French 111-112 Eighteenth Century French Prose 3-3 credits

Voltaire, Rousseau, and other eighteenth century prose writers. Prerequisite: French 3-4. Elective: 3, 4. MWF 10:20. Mr. Subilia

French 113-114 Victor Hugo and the Romantic Movement 3-3 credits

Prerequisite: French 3-4. Elective 3, 4. Not offered in 1938-1939.

French 117-118 Contemporary Prose 3-3 credits

Prerequisite: French 3-4. Elective: 3, 4. Not offered in 1938-1939. TThS 10:20. Mr. Subilia

French 119-120 Classical French Drama 3-3 credits

Selected plays by Molière, Racine, and Corneille. Prerequisite: French 3-4. Elective: 3, 4. TThS 10:20. Mr. Wolferz

French 151-152 Readings in Special Fields 1-1 credits

Guided readings in French in the student's major field. Prerequisite: French 3-4. Elective 3-4. One hour to be arranged. Mr. Subilia

French 199-200 Senior Thesis 2-2 credits

For a general course in the history of French Literature (texts in French or English according to the ability of the student) see English 85-86.

GERMAN

German 1-2 Elementary German 3-3 credits

An introductory course intended for students with a talent for languages. The equivalent of at least two years of middle school work is covered. The work of the class is conducted in German. No credit is given unless German 3-4 is satisfactory completed also. Elective: 1, 2, 3. MWF 8:00. Mr. Wolferz

German 3-4 Intermediate German 3-3 credits

Reading of texts with conversation, dictation, and composition exercises taken from the reading material. Grammar review. The work of the class is conducted in German. Prerequisite: German 1-2. Elective: 2, 3, 4. MWF 9:20. Mr. Wolferz

German 101-102 Studies in German Literature 3-3 credits

A study of examples of the drama, the novel, and poetry of different periods chosen according to the interests of the students. Prerequisite: German 3-4. Elective: 3, 4. Not offered in 1938-1939.

German 151-152 Readings in Special Fields 1-1 credits

Guided readings in German in the student's major field. Prerequisite: German 3-4. Elective: 3, 4. M 10:20. Mr. Loehr

HISTORY

Miss Lucy M. Burt, M. A. *Assistant Professor and Acting Chairman*

William Hung, M. A., S. T. B., D. D. *Professor*

*Ku Chieh-kang, B. A. *Professor*

Teng Chih-ch'eng *Professor*

Philippe de Vargas, Ph. D. *Professor*

Ch'i Ssu-ho, Ph. D. *Assistant Professor*

Chang Hsing-lang, B. S. *Lecturer (part-time)*

T'an Ch'i-hsiang, M. A. *Lecturer (part-time)*

Miss Chang Wei-ying, M. A. *Assistant*

Chang Er-t'ien *Adviser to Graduate Students*

Li Jung-fang, M. A., Th. D. *Professor in the School of Religion*

Miss Myfanwy Wood *Assistant Professor in the School of Religion*

S. Withers Green, B. A., B. D. *Lecturer in the School of Religion*

The aim of the department is twofold: to enable the general student to acquire historical insight into the political, economic, and cultural movements of the nation and the world, thus supplying an important requirement of any form of leadership; and to give to the student majoring in history an accurate knowledge of certain fields of history and a thorough discipline in historical

* On leave of absence, 1938-1939.

method as a preparation either for scientific historical research, especially in the rich field of Chinese history, or for teaching history in schools and colleges.

Special Requirements : Eight credits of Sophomore English.

The Major : From 40 to 68 credits in history including :

History 1-2	General History of China	3-3 credits
History 91-92	Outlines of Western History	3-3
History 161	Historical Method	2
History 167	Advanced Historical Method	2
History 199-200	Senior Thesis	1 to 6

Correlated Subjects : From 20 to 24 credits chosen from historical courses offered in any department or any general course in social science or geography. It is recommended that at least one course be elected in each of the following subjects : political science, economics, sociology, and education.

A second foreign language will be very useful to the history student if the study is continued long enough to prepare for the reading of historical works and documents. A reading knowledge of Japanese is valuable for research work in Chinese history. French and German are essential for those who intend to do graduate research in history. Since at least two years of preparatory study are necessary, students who wish to elect French or German should begin the study in the sophomore year, so that they may use these languages for historical reading in the senior year.

History 1-2 General History of China 3-3 credits

A study of the political and social evolution of Chinese institutions, with special emphasis on their bearing upon the cultural characteristics of each period. Elective : 1, 2, 3, 4. MWF 11:20. Mr. Teng

History 11-12 History of the Ch'un-Ch'iu Period 2-2 credits

A rapid survey of the origins and development of Chinese culture down to the end of the Western Chou period will be followed by a detailed examination of the political and social growth of the Chinese people during the period 722-481. Special emphasis will be laid on the political, economic, and social aspects of the feudal system of this period, and constant comparison will be made with the feudal institutions of other peoples. Elective : 2, 3, 4. Offered in alternate years. Not offered in 1938-1939. Mr. Ch'i

History 13-14 History of the Chan Kuo Period 2-2 credits

A continuation of History 11-12 which carries the story to the unification of China under Ch'in-shih-huang-ti in 221 B. C. The central theme of this course is the gradual decline and collapse of feudal institutions and the emergence of the centralized form of government during this period. The causes and development of the intellectual ferment of this period will be discussed in considerable detail. Constant comparison will be made with similar transitional periods in Western history. Elective : 2, 3, 4. Offered in alternate years. Th 2:10-4:00. Mr. Ch'i

History 15-16 The Ch'in and Han Dynasties 2-2 credits

A study of the program of military unification of the Ch'in and Han Dynasties and the political, social, and economic system which resulted from it. Prerequisite : History 1-2. Elective : 3, 4. Offered in alternate years. TTh 10:20. Mr. Teng

History 17-18 The Wei, Tsin, Southern, and Northern Dynasties 2-2 credits

This course treats the characteristic institutions of the period 220-589, the rise and the fall of the "Five Barbarian Tribes", the rise and influence of "Ts'ing Tang", the spread of Buddhism and Taoism, and the rise of social autocracy during this period. Prerequisite : History 1-2. Elective : 3, 4. Offered in alternate years. TTh 8:00. Mr. Teng

History 19-20 The Sui, T'ang, and Five Dynasties 2-2 credits

This course treats of the following topics : the military unification of the empire by Sui and T'ang; the cultural unification of the North and the South and its influence upon the subsequent history of China; the economic life of the Chinese people after the Mid-T'ang period; China's territorial expansion during the period 589-959; foreign relations of the T'ang Dynasty; Chinese and foreign religions; the examination system and its influence upon the system of aristocracy; philosophy, literature, and art during this period. Prerequisite : History 1-2. Elective : 3, 4. Not offered in 1938-1939. Mr. Teng

History 21-22 The Sung, Liao, Kin, and Yüan Dynasties 2-2 credits

A study of the races involved, the rise and the fall of the several dynasties, their government and diplomacy, and their cultural characteristics. Elective : 3, 4. F3:10-5:00. Mr. Chang

History 23-24 The Ming and Ch'ing Dynasties 2-2 credits

A survey of the accessible source material of the Chinese history of the Ming and Ch'ing Dynasties. Studies in the comparison of political and economic institutions of the two dynasties; the rise of the literati class; the intellectual history of the period. Prerequisite : History 1-2. Elective : 3, 4. Not offered in 1938-1939. Mr. Teng

- History 51-52 Chinese Historical Geography 2-2 credits
 This course deals with the changes of administrative divisions of different dynasties and a comparison of the ancient divisions with modern districts, with special emphasis on the evolution of the system of local administration. Elective: 2,3,4. T 3:10-5:00. Mr. T'an
- History 53-54 Chinese Historical Geography 2-2 credits
 A continuation of History 51-52, with special reference to the rise and fall of the capitals of different periods, the shifting of national boundaries, the changes of river beds and the development of communications and transportation. Elective: 2, 3, 4. Not offered in 1938-1939.
- History 61-62 Chinese Geography 3-3 credits
 The course in the first semester deals with the geographical characteristics of China as a whole, in the second semester with a more detailed study of particular districts. Elective: 2, 3, 4. TThS 9:20. Mr. T'an
- History 63-64 History of the Early Intercourse between China and the West 2-2 credits
 This course consists of explanations of ancient Chinese records concerning Europe and European records concerning China; ancient commercial relations between the East and the West; exchange of civilizations and embassies; the spread of Christianity in China; and the introduction of Western learning into China. It covers the period from the beginning of Western Han to the end of the eighteenth century. Elective: 2, 3, 4. S 10:20-12:10. Mr. Chang
- History 65-66 Cultural Relations between China and the West from the End of the Eighteenth Century 3-3 credits
 An introduction to the study of Chinese influences on the West: on economic life, art, literature, philosophy, and through sinology; and Western influences on China: economic, religious, technical, scientific, political. The course attempts to give a systematic view of the questions requiring investigation, and introduces the student to the source materials in Western languages. Elective: 2, 3, 4. MWF 9:20. Mr. de Vargas
- History 65 A Cultural Relations between China and the West 2 credits
 A special tutorial course on the bibliography of sources in Western languages on the relations between China and the West. Students must secure the approval of the instructor before registering for this course. TF 4:30. Mr. de Vargas

- History 73-74 Modern History of the Far East 2-2 credits
 A general outline of the political, commercial, and cultural relations among the nations of the Far East and between them and the West. Elective: 2, 3, 4. F 2:10-4:00. Mr. Hung
- History 75-76 History of Japan 3-3 credits
 Elective: 1, 2, 3. Not offered in 1938-1939.
- History 79-80 History and Geography of the Southern Pacific 2-2 credits
 The development of Indian and Mohammedan civilizations; their early relations with China; conquest by the European powers; European government, condition of the Chinese conquest. Elective: 3, 4. Not offered in 1938-1939. Mr. Chang
- History 82 Cultural Relations between Japan and the West from the Sixteenth Century to the Present. 2-2 credits
 A brief preliminary survey, introducing a few of the sources in Western languages. Elective: 2, 3, 4. TTh 9:20. Mr. de Vargas
- History 91 The Historical Foundations of Western Civilization 3 credits
 A brief survey of the history of the West from the earliest time to the fall of the Roman Empire. Elective: 1, 2, 3. MWF 8:00. Miss Burt
- History 92 Development of Modern Nations in the West 3 credits
 A brief survey of the history of the West from the fifth century to the present day. Elective: 1, 2, 3. MWF 8:00. Miss Burt
- History 105-106 Europe 1789-1914 3-3 credits
 A study of modern European history with special reference in the first semester to the changes effected by the French Revolution, the Industrial Revolution, and the growth of nationalism; in the second semester, to the development of internationalism, the expansion of the West, and the events leading to the war of 1914. Elective: 2, 3, 4. TThS 8:00. Miss Burt
- History 107-108 Contemporary World History since 1918 2-2 credits
 The aim of this course is to help the student to an intelligent understanding of modern world problems by studying the recent historical background of contemporary events. The course is divided into two parts which can be taken separately. The first semester is devoted to a systematic historical survey of the major political, economic, and cultural problems of the post-war world. The second semester covers the national and international developments of the leading nations of Europe, America, Africa, Western Asia, and the Far East. Lectures are given in Chinese but a part of the graded reading materials are in English. Elective: 1, 2, 3. TTh 10:20. Mr. Ch'i

- History 116 Palestine under the Romans 3 credits
A study of the clash of nations in the Eastern Mediterranean from 70 B. C. to 70 A. D. Elective: 2, 3, 4. MWF 11:20. Miss Wood
- History 119-120 History of England 3-3 credits
An introduction to the social and political history of England with some reference also to the development and practice of British democratic institutions. Elective: 2, 3, 4. MWF 2:10. Miss Burt
- History 129-130 History of the United States of America 2-2 credits
A study of the political, economic, social, and intellectual growth of the American people from the discovery of America to the present day. Special attention will be given to the evolution of America's Far Eastern policy, and the political and cultural relations between China and the United States. Elective: 2, 3, 4. Not offered in 1938-1939. Mr. Ch'i
- History 136 The Life and Teaching of Jesus 2 credits
The historical and political background; the sources; outline of the ministry; the social and ethical teaching. Elective: 2, 3, 4. TTh 11:20. Mr. Green
- History 137-138 History of Christianity 2-2 credits
A survey of the inner life of Christianity and of its relations to its environment. Emphasis is placed on the study of sources: Eusebius, Augustine, Bede, the early Franciscans, Aquinas, Luther, Calvin, Wesley, and others. Elective: 3, 4. TTh 11:20. Mr. de Vargas
- History 161 Historical Method 2 credits
Historical criticism of sources. Technique of preparation of a scientific paper, bibliographical and subject notes, the outline, charts, lectures, and exercises. Elective: 2, 3, 4. W 2:10-4:00. Mr. Hung
- History 162 Historical Exercises 2 credits
Selected topics in Chinese and Western History. Prerequisite: History 161. Elective: 2, 3, 4. W 2:10-4:00. Mr. Hung
- History 167 Advanced Historical Method 2 credits
Advanced work in historical chronology, geography, paleography, bibliography, and interpretation. Prerequisite: History 161. Elective: 3, 4. M 2:10-4:00. Mr. Hung

- History 169-170 Selections from Master Historians 3-3 credits
The purpose of this course is to acquaint the student with the nature and problems of the most important Chinese and Western historical works. Selected passages of Chinese and Western historical classics of similar types will be read together, so that the student can get some idea of the similarities and differences of Chinese and Western historiography. Elective: 3, 4. MWF 8:00. Mr. Ch'i
- History 187-188 Archeological Exploration in Palestine 1-1 credits
A study of some of the discoveries made recently in Palestine, with special emphasis on the relationship of archaeology to history. Elective: 2, 3, 4. Th 1:10. Mr. Li
- History 189-190 A study of Archaeological Findings and Sites 2-2 credits
The class will visit places of interest twice a month and each student will make a special study of one subject. Elective: 2, 3, 4. Alternate Saturday afternoons. Mr. Li
- History 199-200 Senior Thesis 1 to 6 credits

PHILOSOPHY

- **Lucius C. Porter, B.D., M.A., D.D., L.H.D. *Professor and Chairman*
Chang Tung-sun *Professor*
*Mei Yi-pao, Ph. D. *Professor*
Wang Hsi-cheng, B.A. *Lecturer (part-time)*
- Chao Tzu-ch'en, M.A., B.D., Litt. D. *Professor in the School of Religion*
Wu Lei-ch'uan, Hanlin Academy *Professor of Chinese*
Arthur D. Rugh, M.A. *Honorary Lecturer in the School of Religion*
- Special Requirements:* Three credits of Psychology 1, General Psychology; eight credits of Sophomore English. All students majoring in philosophy should take one year-course in natural science with full laboratory work. They should also take important courses in the social sciences.
- The Major:* From 42 to 48 credits in philosophy including the following courses:
- | | | |
|------------------|-------------------------------|-----------|
| Philosophy 1 | Life Ideals | 3 credits |
| Philosophy 71-72 | History of Chinese Philosophy | 3-3 |

**On leave of absence, first semester, 1938-1939.

*On leave of absence, 1938-1939.

Philosophy 73-74	History of Western Philosophy	3-3 credits
Philosophy 78	Comparative Philosophy	3
Philosophy 85-86	Contemporary Philosophy	3-3
Philosophy 121-122	Plato	2-2
Philosophy 131-132	The Cartesian Philosophy	2-2
Philosophy 143-144	Kant	2-2
Philosophy 161-162	Philosophy of Religion	2-2
Philosophy 199-200	Senior Thesis	2 to 6

It is recommended that all students majoring in philosophy take their advanced work on the basis of Honors Courses, arranging with the chairman of the department and the several professors as to the details of their work.

Correlated Subjects: 16 to 24 credits. The following courses are especially recommended:

Education 144	Philosophy of Education	3 credits
English 51-52	Currents of Modern Thought	2-2
Psychology 105-106	Systematic Psychology	2-2

The Combined Major: By arrangement with the departments of Chinese, Education, Western Languages, and Sociology, a qualified student may take a combined major in any one of these departments and the Department of Philosophy. For such combinations the general principle is that the fundamental courses in both departments must first be taken, the student then arranging further work in consultation with the two chairmen and taking approximately one half of his advanced work in each department. The combined major gives the student an opportunity to make a selection of courses better adjusted to his own interests than is possible under the more rigid department requirements.

Philosophy 1 or 2 Life Ideals 3 credits

In simple terms and with concrete illustrations from practical experience the major problems of human thought and life are presented and discussed with a view to helping students to an analysis of their own life ideals and philosophic outlook. Elective: 1, 2, 3, 4. Not offered in 1938-1939. TThS 9:20. Mr. Porter

Philosophy 21 or 22 How We Think 3 credits

The course begins with the practical experience and real problems of thinking that students face in their university work and is designed to give suggestions that will help them to understand their own need for logical

and scientific thinking. The various problems of logic will be developed, and the nature and place of deduction and of induction in the whole process of reflective thought, the fundamental assumptions underlying all thinking, the nature and use of hypotheses, methods of observation, of experiment, and of testing and verifying hypotheses. Finally consideration will be given to all the ways of knowing and the problem of applying empirical and scientific methods to ethical, aesthetic, and religious thinking. Selected readings will be prepared for the use of each student to form the basis of discussion and of lectures. Elective: 1, 2. MWF 8:00 Sections A and B; TThS 8:00 Section C. Mr. Chang and Mr. Porter

Philosophy 26 Advanced Logic 3 credits

A thorough study of the fundamental problems of logic, both classical and modern. Formal, epistemological, and symbolic logic will be reviewed. Books of reference; Bosanquet's *Logic*; Bradley's *Principles of Logic*. Prerequisite: Philosophy 21. Elective: 2, 3, 4, 5. TThS 8:00.

Philosophy 29 Metaphysics 3 credits

A critical examination of the fundamental concepts of metaphysics such as mind and matter, space and time, appearance and reality, the one and the many. Special readings in contemporary philosophers will be assigned. Elective: 3, 4, 5. Not offered in 1938-1939. Mr. Chang

Philosophy 41 Ethical Theories 3 credits

A thorough study of the important concepts in ethics such as good and evil, right and wrong, virtue and justice, duty. This course not only attempts to help the student understand the subject clearly, but also emphasizes independent thinking. Elective: 3, 4. Not offered in 1938-1939. Mr. Mei

Philosophy 57 Aesthetic Theories 3 credits

A study of the theories of aesthetics. Prerequisite: Philosophy 1. Elective: 3, 4. Not offered in 1938-1939.

Philosophy 71-72 History of Chinese Philosophy 3-3 credits

A survey of Chinese thinking from the Chou Dynasty to recent times. Elective: 1, 2. MWF 11:20. Mr. Chang

Philosophy 73-74 History of Western Philosophy 3-3 credits

A survey of Western thinking from the early Greeks up to the middle of the nineteenth century. The history of Western ideas will be related to the social and political background as well as to the personalities of the outstanding thinkers. An attempt will be made to face the develop-

ment of thinking which has led to the thought forms and spirit that characterize tendencies of modern Western world-views. Elective: 1, 2, 3. MWF 10:20. Mr. Chang

Philosophy 75 History of Indian Philosophy 3 credits
A survey will be made of the chief periods and the important schools of Indian philosophy and their development. Students will be given assigned readings in Radakrishnan's *Indian Philosophy* and Dasgupta's *Indian Philosophy*, with selected passages from the *Upanishads* and Buddhist sutras, as a basis for class discussion. Elective: 2, 3, 4. Not offered in 1938-1939. TThS 9:20. Mr. Porter

Philosophy 78 Comparative Philosophy 3 credits
The attempt will be made to analyze the important periods and distinctive movements in the history of Western, Chinese, and Indian philosophy, to summarize the typical ideas of each movement and to make a comparison between these typical ideas, with regard both to the forms in which they are expressed and the developmental connection between the ideas. Open to students who have previously studied the histories of Chinese, Western, and Indian philosophy. Elective: 3, 4, 5. Not offered in 1938-1939. TThS 9:20. Mr. Porter

Philosophy 79 or 80 The Pulse of Chinese Thought 3 credits
A survey of the periods of Chinese philosophy and the different schools of thought which developed, with a view to helping Westerners in particular to gain a general view of the ebb and flow of China's thought-life. Special attention will be paid to the notable creative thinkers and the general characteristics of their way of thinking. Elective: 1, 2, 3. Not offered in 1938-1939. Mr. Porter

Philosophy 85-86 Contemporary Philosophy 3-3 credits
Assigned readings will be given in the writings of contemporary representatives of Naturalism, Idealism, Realism, Humanism, and Pragmatism. Salient problems in philosophy that await solution will be especially considered. Prerequisite: Philosophy 1 or Philosophy 73-74. TThS 10:20. Mr. Chang

Philosophy 104 Philosophy of Moh Ti and His Followers 2 credits
A critical study of the original works. Elective: 4, 5. Not offered in 1938-1939. WF 9:20. Mr. Mei

Philosophy 121 Plato's *Republic* 2 credits
Plato's *Republic* will be read in English translation with careful attention to the development of the argument. Prerequisite: Philosophy 21 and Philosophy 73-74. Elective: 3, 4. Not offered in 1938-1939. TTh 10:20. Mr. Chao

Philosophy 122 Plato: Selected Dialogues 2 credits

This is a continuation of the preceding course and will be conducted in the same way. Prerequisite: Philosophy 21 and Philosophy 73-74. Elective: 2, 3, 4. Not offered in 1938-1939. TTh 10:20. Mr. Chao

Philosophy 126 Philosophy of Aristotle 3 credits

The problems of metaphysics, logic, and psychology, will be studied with special reference to *Metaphysica* and *De Anima*. The ethical and political philosophy of Aristotle as contained in *Nicomachean Ethics* and *Politics* will be studied also. Prerequisite: Philosophy 21 and Philosophy 41-42 or 73-74. Elective: 3, 4, 5. Not offered in 1938-1939. MWF 9:20.

Philosophy 131-132 The Cartesian Philosophy 2-2 credits

An intensive study of Descartes' *Method*, *Meditations*, and *Principles* and of Spinoza's *Ethics*. Elective: 2, 3, 4. Not offered in 1938-1939. Mr. Porter

Philosophy 139-140 The English Empirical School 2-2 credits

Locke's *An Essay concerning Human Understanding*, Berkeley's *Treatise concerning Principles of Human Knowledge* and *Three Dialogues between Hylas and Philonous*, and Hume's *A Treatise on Human Nature* will be carefully read and discussed. Several papers will be required from each member of the class. Elective: 2, 3, 4. Not offered in 1938-1939.

Philosophy 143-144 Kant 2-2 credits

A detailed study of the metaphysical and epistemological problems in the *Critique of Pure Reason* and the ethical and aesthetic problems in the other two critiques. Prerequisite: Philosophy 73-74. Elective: 3, 4, 5. Not offered in 1938-1939. WF 9:20. Mr. Chang

Philosophy 147 The German Idealists 3 credits

Selected readings from Fichte, Schelling, and Hegel will be made the basis for discussion of the metaphysical and epistemological problems of Idealism. Prerequisite: Philosophy 73-74. Elective: 3, 4, 5. Not offered in 1938-1939.

Philosophy 149 History of Materialism 3 credits

A study of materialism in Western philosophy from Democritus to Karl Marx. Lange's *History of Materialism* will be used as the basic reference book with supplementary reading in English translations of the original works of the philosophers discussed. The aim of the course is to

introduce students to the basic concepts of materialism and the strength and weakness of those concepts. Prerequisite: Philosophy 73-74. Elective: 3, 4, 5. Not offered in 1938-1939. TThS 9:20. Mr. Mei

Philosophy 161-162 Philosophy of Religion 2-2 credits
A study of religion in general with reference to its three fundamental problems, namely those of knowledge, freedom, and permanence of value. Elective: 3, 4, 5. Not offered in 1938-1939. WF 10:20. Mr. Chao

Philosophy 165-166 Problems of Religion 2-2 credits
A course designed to help students think through some of the religious problems which are confusing men in our day. Conducted as an open forum with group discussion. Elective: 1, 2, 3. Time to be arranged. Mr. Rugh

Philosophy 167-168 Religion in Contemporary Philosophy 2-2 credits
A study of the religious thought in contemporary philosophy. Elective: 3, 4, 5. Not offered in 1938-1939.

Philosophy 169-170 Christian Thought and Chinese Philosophy 2-2 credits
Elective: 3, 4, 5. Not offered in 1938-1939. MW 3:10. Mr. Wu

Philosophy 171-172 Theism in Human Thinking 2-2 credits
A study of the idea of God in the philosophies of Hume, Kant, Hegel, Bergson, James, and others. Elective: 3, 4, 5. Not offered in 1938-1939. TTh 11:20. Mr. Chao

Philosophy 181-182 Chinese Social and Political Thinking 3-3 credits
A survey of the chief schools of Chinese philosophy and the history of their development through all the periods of Chinese history, with special attention to the problems of human relationships and the theories of social structure and political institutions that were developed to adjust those relationships. Elective: 3, 4, 5. Not offered in 1938-1939. MWF 11:20. Mr. Chang

Philosophy 183-184 Western Social and Political Thinking 3-3 credits
In the first semester Plato's *Republic*, Aristotle's *Politics*, selections from the writings of Roman jurists, and Macchiavelli's *Prince*, are carefully read and discussed. In the second semester selected chapters from Hobbes' *Leviathan*, Rousseau's *Social Contract*, Mills' *Essay on Liberty*, and selections from Comte, Hegel, Spencer, and several modern discussions of the State, are read and discussed. The selections for students majoring in sociology and in political science will be made with reference to their special interests. Elective: 3, 4, 5. Not offered in 1938-1939. MWF 11:20. Mr. Porter

Philosophy 188 The Philosophy of Science 2 credits
The attempt will be made to examine and understand the principles underlying scientific method by following the history of the development of that method in a selected number of particular cases in the field of the natural sciences. The advantages and difficulties involved in the application of scientific method in the field of the social sciences and to moral and esthetic values will also be discussed. Prerequisite: Philosophy 21. Elective: 2, 3, 4. Not offered in 1938-1939. TTh 8:00. Mr. Porter

Philosophy 199-200 Senior Thesis 2 to 6 credits

PSYCHOLOGY

Luh Chih-wei, Ph. D.	<i>Professor and Chairman</i>
*T. T. Lew, Ph. D.	<i>Professor</i>
Randolph C. Sailer, Ph. D.	<i>Professor</i>
*Hsia Yün, M. S.	<i>Lecturer</i>
Lin Chia-t'ung, Ph. D.	<i>Lecturer (part-time)</i>
Shen Nai-chang, M. S.	<i>Lecturer (part-time)</i>
Mrs. George E. Taylor, Ph. D.	<i>Assistant (part-time)</i>
K'uang Chen, B. S.	

The aim of the department is to provide work in psychology needed by students of closely related departments; to offer introductory courses in psychology to all students; to impart a scientific knowledge of theoretical and experimental psychology to students majoring in psychology, and to train them to do independent research work and to teach psychology in colleges and middle schools; and to give special training in the various fields of applied psychology.

The Major: A major in psychology consists of from 32 to 50 credits in which the following courses must be included:

Psychology 1	General Psychology	3 credits
Psychology 5	Advanced Psychology I	4
Psychology 6	Advanced Psychology II	4
Psychology 105-106	Systematic Psychology	2-2
Psychology 117	Statistical Methods	3
Psychology 199-200	Senior Thesis	4 to 6

* On leave of absence, 1938-1939.

The senior thesis, amounting to not less than 4 credits of work, must be written on an experimental topic.

Education 16, Educational Psychology, can be counted toward the major requirement in psychology.

Correlated Subjects: Major students must elect a sequence of 20 credits in a correlated subject, preferably biology, physics, education, or sociology. These courses must be selected under the supervision of the chairman of the department.

A suitable curriculum will be worked out for each major student.

Psychology 1 or 2	General Psychology	3 credits
This course deals with the fundamentals of human nature and behavior, the processes of adjustment and socialization. Two lectures and one discussion each week. Elective: 1, 2, 3. MWF 8:00 Section A; TThS 8:00 Section B. Sub-sections will be made when necessary. Mr. Luh and Mr. Shen		
Psychology 5	Advanced Psychology I	4 credits
This course immediately follows Psychology 1. It is an introduction to the data of experimental psychology and the application of experimental methods to the study of psychological problems. The main topics are sensation, perception, thought, language. Three hours of lecture and discussion and three hours of laboratory. Prerequisite: Psychology 1. Not offered in 1938-1939. Mr. Luh		
Psychology 6	Advanced Psychology II	4 credits
A continuation of Psychology 5. Original behavior, learning, and memory will be studied. Three hours of lecture and discussion and three hours of laboratory. Prerequisite: Psychology 1. Not offered in 1938-1939. Mr. Luh		
Psychology 9 or 10	Mental Hygiene	3 credits
A study of common personal problems and difficulties viewed as maladjustments in the development of personality. Elective: 1, 2, 3. MWF 8:00 Section A; TThS 8:00 Section B. Mr. Sailer		
Psychology 101 or 102	Seminar	Credits to be arranged
Prerequisite: Psychology 5 and 6, or special permission of the instructor. Staff		

Psychology 105-106	Systematic Psychology	2-2 credits
A systematic study of the theoretical basis of some representative schools. Prerequisite: 10 credits of psychology; for students of philosophy, Psychology 1 only. Elective: 3, 4. MW 9:20. Mr. Luh		
Psychology 117	Statistical Methods with Special Reference to Measurement	3 credits
Prerequisite: Psychology 1. Elective: 2, 3, 4. Lecture and laboratory: MW 2:10-4:00. Mr. Lin		
Psychology 131	Abnormal Psychology	3 credits
The abnormal in relation to the normal: the insanities and their treatment; feeble-mindedness. Prerequisite: Psychology 1 or Psychology 9. Elective: 2, 3, 4. TTh 9:20, Th 2:10-4:00 (in city). Mr. Sailer		
Psychology 142	Social Psychology	3 credits
Social aspects of personality. The individual as he functions in society. Prerequisite: Psychology 1. Elective: 2, 3, 4. MWF 9:20. Mr. Sailer		
Psychology 143	Industrial Psychology I	3 credits
Satisfactions and incentives. Elective: 2, 3, 4. TThS 10:20. Mr. Sailer		
Psychology 144	Industrial Psychology II	3 credits
Psychological technique involved in selection of employees and efficient adjustment of the working environment. Elective: 2, 3, 4. TThS 10:20. Mr. Sailer		
Psychology 151	Psychology of Childhood	3 credits
This is an introductory course presenting the main facts concerning the psychology of children. Emphasis will be placed upon the significance of these facts for education and an acquaintance with the literature concerned. Prerequisite: Psychology 1 or Psychology 9 or special permission of the instructor. Elective: 2, 3, 4. MWF 10:20. Mrs. Taylor		
Psychology 161	Experiments in Social Psychology	3 credits
A survey of the experimental literature in this field. Sample studies to be attempted by individual students. Prerequisite: Psychology 142 or the equivalent. Time to be arranged. Mr. Luh		
Psychology 191 or 192	Journal Club	1 credit
The staff and students will give reports on current literature. Prerequisite: 10 credits of psychology. Elective: 3, 4, 5. T 3:10.		

Psychology 199-200

Senior Thesis

4 to 6 credits

Every major student is required to take up an individual problem on which he writes his graduating thesis. Such work may be started in the second semester of the junior year.

EDUCATION

Chou Hsüeh-chang, Ph. D.

Professor and Chairman

Howard S. Galt, Ed. D.

Professor

Ouyang Hsiang, Ph. D.

Assistant Professor

Miss Tseng Hsiu-hsiang, M. A.

Lecturer

Liao T'ai-ch'u, M.A.

Instructor

Ch'i Yung-k'ang, B.A.

Research Assistant

Li Feng-ke, B.A.

Assistant

Liu K'uei, B.A.

Assistant

T'ang Tzu-ch'ing, B.A.

Assistant

Ts'ai Te-ch'un, B.A.

Assistant

Miss Wu T'ien-min, M. A.

Research Assistant

Luh Chih-wei, Ph. D.

Professor of Psychology

The aim of the Department of Education is to train workers in various fields of education. The work covers such lines as administration, methods of research, and teacher-training for secondary schools. But further, in view of the fact that the problems of China are chiefly rural, and rural reconstruction depends largely upon the education of the mass of people, the department has made special arrangements for facilities by which rural leaders may be trained.

The department offers diplomas in two forms, A and B. Students who are interested in the broader aspects of education and wish to prepare not only for teaching but also for administrative responsibilities, may become candidates for Form A Diplomas.

Students whose primary interest is in other subjects of university study and who expect to teach these subjects in middle schools are encouraged to choose such courses in the Department of Education as will prepare them for

effective teaching and for a teacher's intelligent participation in the broader tasks of education. Such students, who take their major studies in other departments and choose education as a correlated subject, may become candidates for Form B Diplomas.

In addition to providing for these professional interests, the department maintains that education as a study is one of the most important of the social sciences and possesses a broad educational value. Accordingly it welcomes into its courses students who do not plan for educational careers but wish to acquaint themselves with the principles and practices of education as one of society's most important enterprises.

GENERAL COURSES IN EDUCATION

Special Requirements: Eight credits of Sophomore English.

Students specializing in education may become candidates for the University Diploma in Education by fulfilling the requirements listed here. All candidates for diplomas, whether Form A or Form B, will be required to include the following courses in education. The first two, as being prerequisite to most of the courses in the department, should be taken before the junior year if possible.

Education 3	Introduction to Education	3 credits
Education 16	Educational Psychology	3
Education 125	Secondary Education	3
Education 126	Methods of Teaching	3
Education 173-174	Practice Teaching	1-1
Education 199-200	Senior Thesis	2 to 4

Form A Diploma: The major subject must be education, with a minimum of 32 credits. The correlated subject must be one of the subjects of the school curriculum selected by the student as one which he desires to teach, with a minimum of 20 credits, including a special methods course in the subject, if available.

Form B Diploma: The major subject must be one of the subjects in arts or sciences which the candidate is preparing to teach, with a minimum of 32 credits in the three upper years of the course. The first correlated subject must

be a secondary subject the candidate chooses to teach, with a minimum of 20 credits. The second correlated subject must be education, with a minimum of 20 credits, including a special methods course in the major subject, if available.

The following special methods courses offered by other departments are recommended to students expecting to teach any of these subjects :

Chinese 61	Methods of Teaching Chinese in Middle Schools	3 credits
English 161 or 162	Methods of Teaching English	1 to 3
Music 101-102	Teaching Methods and Practice Teaching	2-2
Home Economics 102	Methods of Teaching Home Economics	3
Mathematics 113-114	Methods of Teaching Mathematics	2-2

Psychology 117, Statistical Methods with Special Reference to Measurement, and Psychology 151, Psychology of Childhood, can be counted toward the major requirement in Education.

RURAL RECONSTRUCTION PROGRAM

The Department of Education undertakes to train administrators, research workers, and general leaders in rural education. The first part of the training is chiefly in course work on the campus and the second part is spent in the experiment stations in observation and participation. Upon completion of the four-year course, the student may receive a Form A Diploma from the department, provided he has fulfilled the requirements for the correlated subject. The following courses are required :

A. Undergraduates

First Year

Chinese 1-2	Freshman Chinese	3-3 credits
English 1-2	Freshman English	4-4
Biology 3-4	Human Biology	3-3
Education 3	Introduction to Education	3

Education 16	Educational Psychology	3 crédits
Social Science 1-2	Introduction to the Social Sciences	3-3
Physical Education		1-1
Electives		3-3

Second Year

Chinese 21	Colloquial Composition	2
Chinese 32	Documentary Composition	2
Education 103	Educational Administration in China	3
Education 130	Elementary Education	3
Education 133	Introduction to Rural Education	3
Education 139	Educational Sociology	3
Education 146	Educational Tests and Measurements	3
Education R1-2	Field Practice	4-4
Home Economics 28	The Home in China	2
Physical Education		1-1
Electives		3-3

Third Year

Education 118	Mass Education	3
Education 125	Secondary Education	3
Education 126	Methods of Teaching	3
Education 140	Problems of Educational Sociology in China	3
Education 155	Normal Education	3
Education 160	Local Educational Administration and Finance	3
Education R3-4	Field Practice	4-4
Physical Education		1-1
Electives		6

Fourth Year

Education 164	Problems in Rural Education	3
Education 170	Practicum in Rural Education	4
Education 199-200	Senior Thesis	2
Education R5	Field Practice	16
Electives		7

B. Graduates

The graduate course runs for two years. The first year is spent chiefly on the campus for a thorough grounding in courses of an advanced nature in methods of research and in administration. The following courses are required:

First Year

Education 164	Problems in Rural Education	3 credits
Education 169	Practicum in Rural Education	4
Education 201	Duties and Problems of the Middle School Principal	3
Education 204	New Theories of the Curriculum	3
Education 205-206	Educational Experimentation	3-3
Education R11-12	Field Practice	4-4

Second Year

Education R13-14	Field Practice	16-16
Thesis		

SPECIAL NORMAL COURSES

The Department of Education offers systematic courses dealing with nursery, kindergarten, and primary education. The four-year course is intended to prepare for teaching in normal schools which train kindergarten and primary teachers. Students who complete the course become candidates for the bachelor's degree and for the Form A Diploma of the Department of Education. The two-year course offers training at the college level for students who expect to teach in nursery, kindergarten, or primary schools. Those who complete the course may receive a Short Course Diploma.

Required Courses for the Four-year Course: Students should follow the usual curriculum for a major in the Department of Education and should take in addition the courses in Kindergarten and Primary Education, numbered N1 to N10, and also:

Education 130	Elementary Education	3 credits
Education 139	Educational Sociology	3
Education 146	Educational Tests and Measurements	3
Psychology 151	Psychology of Childhood	3

Required Courses for the Two-year Course:

Chinese 1-2	Freshman Chinese	3-3 credits
English 1-2	Freshman English	4-4
Psychology 1	General Psychology	3
Education 3 or 4	Introduction to Education	3
Education 16	Educational Psychology	3
Education 130	Elementary Education	3
Education 139	Educational Sociology	3
Psychology 151	Psychology of Childhood	3
Physical Education		4

and the courses in Kindergarten and Primary Education, numbered N1 to N10.

Education 3 or 4 Introduction to Education 3 credits

This is a brief introductory course in the study of education. The meaning and aim of education, its relationship with biology, psychology, and sociology, and its function in promoting human progress, will be considered. Elective: 1, 2, 3, 4. TThS 8:00 Section A; TTh 1:10 S 10:20 Section B. Mr. Galt

Education 16 Educational Psychology 3 credits

A study of psychological principles applied to educational problems. Prerequisite: Psychology 1. Elective: 1, 2, 3, 4. TThS 10:20. Mr. Luh

Education 103 Educational Administration in China 3 credits

This course deals with the meaning, principle, system, and organization of educational administration, including the following topics: educational system, administrative organization, educational finance, and teacher training. Elective: 2, 3, 4. MWF 8:00. Mr. Liao

Education 118 Mass Education 3 credits

A survey of the development of mass education in China. Mass education is taken in a broad sense to include all efforts to educate the masses in literacy education, public health, agricultural and economic improvement, civic education, training in self-defense. A comparative and critical study will be made of the rural reconstruction programs conducted at such well-known centers as Tinghsien, Tsou-ping, Wusih. Elective: 3, 4, 5. Not offered in 1938-1939. MWF 9:20. Mr. Liao

Education 125 Secondary Education 3 credits

As an introduction to the subject, this course will give a bird's-eye view of the whole field of secondary education. Such topics as the historical back-

ground and the present systems of Western and Chinese secondary education, the relationship between the middle school and the elementary school on the one hand and the college or university on the other, the administration, the curriculum, the appraisal of results of instruction, and other important school activities are included. Required of all candidates for Form A or B Diplomas. Elective: 3, 4. MWF 11:20. Mr. Chou

Education 126 Methods of Teaching 3 credits
This course deals with various problems concerning teaching, with special emphasis on the application of new findings in psychology and other studies. Elective: 3, 4. MWF 9:20. Mr. Ouyang

Education 127 Supervision of Teaching 3 credits
This course aims at acquainting students with necessary knowledge and skill in supervision of teaching so that they will be able to direct and improve teaching effectively. Special emphasis will be laid on a critical study of the present status of supervision of teaching in China and ways and means for its improvement. Elective: 3, 4, 5. MWF 2:10. Mr. Ouyang

Education 130 Elementary Education 3 credits
This course deals with various problems in the field of elementary education. Because of the great importance of rural education for China today special emphasis is laid on rural elementary schools. Elective: 2, 3, 4. MWF 2:10. Mr. Ouyang

Education 133 or 134 Introduction to Rural Education 3 credits
This course gives a theoretical background of rural education as well as a general survey of practices in this field in China, so as to acquaint the beginning students with the fundamental ideas and methods in rural reconstruction through education. Elective: 1, 2, 3, 4. TThS 9:20. Mr. Liao

Education 139 Educational Sociology 3 credits
This course is a brief introduction to the study of educational sociology. The social element in the theory of education, the contributions of sociology to educational procedure, and the introduction of socialized methods into the school will be considered. Elective: 2, 3, 4. MWF 1:10. Mr. Galt

Education 140 Problems of Educational Sociology in China 3 credits
A consideration of the social foundations of education in China, the contributions of social thought from abroad, and the resulting issues and problems. Prerequisite: Education 139 or its equivalent. Elective: 2, 3, 4. MWF 1:10. Mr. Galt

Education 144 Philosophy of Education 3 credits
An advanced course which considers the significance of education in present day civilization with special reference to the political, social, and cultural tendencies of the times. The truths and principles arrived at will be applied to present day problems in education in China. Elective: 3, 4, 5. Not offered in 1938-1939. MWF 1:10. Mr. Galt

Education 146 Educational Tests and Measurements 3 credits
This course aims to acquaint the student with the theory and uses of educational tests and scales. Emphasis is put on the various methods by which tests are made use of to solve practical problems for the superintendent, the supervisor, the principal, and the teacher. The construction of scales is also considered. One important feature of this course is the application of tests to elementary and middle school pupils and the treatment and interpretation of results. Elective: 2, 3, 4. MWF 11:20. Mr. Chou

Education 149-150 Comparative Education 3 credits
Educational systems, ideals, and practices in England, America, Germany, France, Russia, Italy, and Japan are discussed in considerable detail. Attention will be directed to a comparison of educational problems in these countries with those in China. Elective: 3, 4, 5. MWF 10:20. Mr. Ouyang

Education 155 Normal Education 3 credits
This course first gives a short survey of the development and general status of normal education in China and other countries, followed by a detailed discussion of how to train competent teachers for Chinese public schools. Topics like selection of students and follow-up work, which are of great importance in the field of teacher training and yet have been generally neglected, are discussed at considerable length. Elective: 3, 4, 5. MWF 9:20. Mr. Ouyang

Education 160 Local Educational Administration and Finance 3 credits
This course deals with the *hsien* and village educational administration and educational finance in general, with a view to forming a background for the solution of the problems of public and rural education. Elective: 3, 4, 5. MWF 8:00. Mr. Liao

Education 164 Problems in Rural Education 3 credits
This is an advanced course in rural education which deals with the theoretical as well as practical problems arising from rural reconstruction in general and rural education in particular. Elective: 3, 4, 5. MWF 9:20. Mr. Liao

Education 169-170 Practicum in Rural Education 4-4 credits

This course is offered to both graduates and seniors in rural education. Each student is required to study a special topic, either theoretical or practical, dealing with the field of rural reconstruction in general or rural education in particular. Elective: 4, 5. Time to be arranged.
Mr. Ouyang and Staff.

Education 173, 174 Practice Teaching 1, 1 credit

The aim of this course is to help students to gain skill in teaching in the secondary school. They will be directed to make good use of the various principles and methods that they have learned in the classroom. Individual and group conferences will be held to discuss teaching plans, to criticize teaching performances, and to make suggestions for improvement. Prerequisite: Education 126. Time to be arranged.
Mr. Ouyang

Education 199-200 Senior Thesis 2 to 4 credits
Staff

Education 201 Duties and Problems of the Middle School Principal 3 credits

This course will endeavor to analyze and study systematically the tasks of the middle school principal. The needs and experiences of the members of the class will partially determine the scope and treatment of the material. Attention will be given both to the principles and to concrete applications. Elective: 3, 4, 5. MWF 10:20.
Mr. Galt

Education 204 New Theories of the Curriculum 3 credits

With the growth of civilization, the choice and arrangement of the materials of education increase in difficulty. Many new theories and methods affecting the construction of school curricula have been developed. In the present course these new theories and methods will be considered. Materials and methods will be adapted as far as possible to the needs and experiences of those who enter the course. Elective: 3, 4, 5. MWF 10:20.
Mr. Galt

Education 205-206 Educational Experimentation 3-3 credits

This course discusses the application of statistical methods and educational and intelligence tests to the study of, and experimentation in, different problems in education. The investigation of educational conditions, comparison of the pupils' educational products, and experimentation with methods of teaching, are all within the province of this course. During the second semester much time will be devoted to the various tests of statistical results. The course is recommended to administrators as well as to research students in education. Elective; 3, 4, 5. TTh 8:00.
Mr. Chou

Education R 1-2 Field Work 4-4 credits

Elective: 2. Mr. Liao and Staff

Education R 3-4 Field Work 4-4 credits

Elective: 3. Mr. Liao and Staff

Education R 5 Field Work 16 credits

Required of seniors in rural education. Mr. Liao and Staff

Education R 11-12 Field Work 4-4 credits

Required of first year graduates in rural education. Mr. Liao and Staff

Education R 13-14 Field Work 16-16 credits

Required of second year graduates in rural education. Mr. Liao and Staff

SPECIAL NORMAL COURSES IN KINDERGARTEN AND PRIMARY EDUCATION

Education N 1 Pre-School Education 3 credits

This course deals with the educational and social significance of early childhood; the factors the child's environment, his physical and mental growth, emotional development, and the principles of habit formation and character training. Elective: 2,3,4. MWF 8:00.
Miss Tseng

Education N 2 Methods of Teaching and Supervising Nursery Schools, Kindergarten and Primary Grades 3 credits

A course in the teaching and supervision of nursery schools and kindergarten and primary grades, designed to give a thorough survey of the progressive methods in kindergarten and primary grades, with an evaluation of the types of teaching and organization. Elective: 2,3,4. MWF 8:00.
Miss Tseng

Education N 3 Children's Literature 2 credits

This course includes a study of children's literature from nursery school through the primary grades. The criteria for selection and the evaluation of literature suitable to different age levels are presented and practice in story-telling and reading is included. Elective: 2,3,4. TTh 8:00.
Miss Tseng

Education N 4 Fine and Industrial Arts 2 credits

Through this course the student should become acquainted with those materials which are most suitable for the creative expression of young children. Elective: 2,3,4. MW 3:10.
Miss Tseng

Education N 5 Music Education for Young Children 2 credits

A study of the musical interests and abilities of early childhood. Music suitable for children, both Chinese music and that of other lands, including folk songs and music for rhythmic and dramatic play activities, will be presented. The methods of presenting this material to children will be considered. Elective: 2, 3, 4. TTh 3:10. Miss Tseng

Education N 6 Play Education 2 credits

This course considers theories of play and play activities and materials at different age levels, together with a study of methods suited to individual and group teaching, both at home and at school. Elective: 2, 3, 4. TTh 3:10. Miss Tseng

Education N 7 Supervised Observation 2 credits

The aim of this course is to guide the student in observing and studying the equipment and arrangement of the classroom, the organization and activities of pupils, curricular materials, and teaching procedure. Elective: 3, 4. S 8:00-12:00. Miss Tseng

Education N 8 Nature Study 2 credits

A course of nature study and methods of teaching it. Among the topics included are flowers, trees, insects, animals, weather, and sky. Consideration will be given to methods of presenting these topics to children in such a way that they may become actively and permanently interested in nature. Elective: 3, 4. S 8:00-10:00. Miss Tseng

Education N 9 Directed Teaching in the Primary Grades 2 credits

This course offers students an opportunity to practise what they have studied. Actual planning of and participation in activities of the classroom are required. Time to be arranged. Miss Tseng

Education N 10 Directed Teaching in Kindergarten 4 credits

This course offers students an opportunity to practise what they have studied. Actual planning of and participation in activities of the classroom are required. Time to be arranged. Miss Tseng

MUSIC

Bliss Wiant, M. A.

Assistant Professor and Chairman

*Miss Ruth L. Stahl, Mus. B.

Assistant Professor

Curtis Grimes

Lecturer (part-time)

Mrs. Ernest K. Smith, B. A.

Lecturer (part-time)

Kuo Shao-yü

Professor of Chinese

The aim of the Department of Music is not only to train teachers of music but also to develop an appreciation of music among all members of the University community.

The Major: At least 50 credits in music as follows:

Music 1-2, 3-4, 5	Piano	10 credits
Music 11-12	Ear Training	3-3
Music 21-22	First Year Harmony	3-3
Music 23-24	Second Year Harmony	3-3
Music 25-26	Counterpoint	3-3
Music 51-52	History and Appreciation of Music	3-3
Music 55-56	History of Chinese Music	2-2
Music 101-102	Teaching Methods and Practice Teaching	2-2
Music 199-200	Graduation Recital	2

Correlated Subjects: Students are required to take from 16 to 24 credits in one of the following departments: Chinese, Western Languages, History, Education, Philosophy, Psychology, or Home Economics.

Instruction without credit is given in piano and voice to those who desire such instruction. Special fees are listed in the *Guidebook for Students*.

Music 1-2 Piano 2-2 credits

Students able to play satisfactorily a Two-part Invention by Bach, a Haydn or Mozart Sonata, a Song Without Words by Mendelssohn, or works of equal difficulty, may be admitted to piano courses with credit, if the course is preceded or accompanied by Music 21-22. Elective: 1, 2, 3, 4. Special permission must be secured from the chairman of the department.

Music 3-4 Second Year Piano 2-2 credits

Music 5-6 Third Year Piano 2-2 credits

*On leave of absence, 1938-1939.

Music 7-8 Voice 1-1 or 2-2 credits
 Students who wish to obtain credit for voice lessons must have formed correct habits of breath control and voice placement, must be able to read at sight simple songs of folk song difficulty, sing satisfactorily selections from old Italian composers in Italian, or songs of Schumann or Schubert in English, and secure permission from the instructor. Prerequisite: Music 21-22. Elective: 3, 4. Mrs. Smith

Music 11-12 Ear Training 3-3 credits
 The course includes melodic and harmonic dictation and sight singing. Elective: 1, 2, 3, 4. TThS 9:20. Mr. Wiant

Music 21-22 First Year Harmony 3-3 credits
 Study of scales, intervals, and chords; harmonization of melodies and basses; keyboard harmony. Elective: 1, 2, 3, 4. MWF 10:20. Mr. Wiant

Music 23-24 Second Year Harmony 3-3 credits
 A continuation of Music 21-22 with emphasis on original work. Prerequisite: Music 21-22. Elective: 2, 3, 4. MWF 11:20. Mr. Wiant

Music 25-26 Counterpoint 3-3 credits
 Elementary counterpoint in both strict and free style in two and three parts. Motive development leading into writing of simple two- and three-part inventions. Prerequisite: Music 21-22. Elective: 3, 4. Not offered in 1938-1939. MWF 8:00. Miss Stahl

Music 27 Orchestration 3 credits
 A study of the character of orchestral instruments and of adapting music for their use in ensemble. Prerequisite: Music 25-26. Elective: 3, 4. TThS 10:20. Mr. Wiant

Music 29-30 Analysis and Form 2-2 credits
 This course includes harmonic analysis and a study of forms in music. Prerequisite: Music 25-26. Elective: 3, 4. Not offered in 1938-1939. WF 11:20. Miss Stahl

Music 33-34 Composition 2-2 credits
 Practical composition in the simple forms, including the arrangement of old Chinese music. Prerequisite: Music 25-26. Elective: 4. Time to be arranged. Mr. Wiant

Music 51-52 History and Appreciation of Music 3-3 credits
 A study of the development of music from primitive times to the present. Students are required to become familiar with recorded music of the masterpieces and pass examinations on these records. Elective: 1, 2, 3, 4. MWF 9:20. Mr. Wiant

Music 55-56 History of Chinese Music 2-2 credits
 A study of the development, changes, and theories of Chinese music. Elective: 3, 4. Not offered in 1938-1939. MW 10:20. Mr. Kuo

Music 101-102 Teaching Methods and Practice Teaching 2-2 credits
 Prerequisite: Music 1-2, 3-4, and 23-24. TTh 10:20. Mr. Grimes

Music 131 or 132 Choral Society 1 credit
 Students may be admitted to this course only after consultation with the director of the Choral Society. The examination includes knowledge of the works studied during the semester. Th 6:45 p.m. Mr. Wiant

Music 199-200 Piano Recital 1-1 credits
 A graduation recital of piano music takes the place of a thesis for students majoring in music.

JOURNALISM

Liu Hoh-hsüan, B.A. *Lecturer and Chairman*
 Rudolph Löwenthal, Ph. D. *Lecturer (part-time)*
 Sun Jui-ch'in, LL. B. *Lecturer (part-time)*
 Chang Ching-ming, B.A. *Assistant (part-time)*

The aim of the Department of Journalism is twofold: firstly, to train for the profession of journalism leaders capable of initiating reforms in the existing state of the press and furthering its development; secondly, to give the students such professional training as will fit them to take up work on a modern newspaper immediately upon graduation and enable them to advance in their chosen career.

Special Requirements: 16 credits in Chinese and English including Freshman Chinese and Freshman English. No student may major in journalism who has not obtained a grade of at least 5 in these courses.

Freshmen who desire to major in journalism must take Journalism 5, Introduction to Journalism, in the freshman year.

The Major: At least 36 credits in journalism including the following courses:

Journalism 5	Introduction to Journalism	2 credits
Journalism 101-102	News Reporting and Writing	3-3
Journalism 108	Editorial Writing	3
Journalism 109-110	Newspaper Management	3-3
Journalism 113-114	News Editing	3-3

Journalism 119-120	Journalistic Translation	3-3 credits
Journalism 123-124	History of Journalism	2-2 credits
Journalism 199-200	Senior Thesis	2-2 credits

Correlated Subjects: 20 credits chosen in consultation with the chairman of the department. If Chinese or English is chosen as the correlated subject, the 20 credits must be in addition to Freshman Chinese or Freshman English, and 15 credits in another correlated subject must be chosen also.

Journalism 5	Introduction to Journalism	2 credits
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This course serves as an introduction to the study of journalism. It surveys the fundamental principles of journalism, the practice of journalism, a brief history of the development of modern journalism, and its present position and trends, the development and present status of Chinese journalism, and education for journalism. In addition to these topics, the question of how to read the modern daily newspaper will be discussed so that the beginner in journalism may be enabled to have a clear picture of current affairs as recorded in the daily press. Elective: 1, 2, 3, 4. TTh 10:20. Mr. Liu

Journalism 101-102	News Reporting and Writing	3-3 credits
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This course deals with the status and work of the reporter on a modern newspaper, the training and preparation of the reporter, the techniques of various types of reporting, local reporting, special correspondence, special assignments, feature writing, and the work of the war correspondent. Two hours of lectures and one hour laboratory practice per week. Required of sophomore students in journalism. Prerequisite: Journalism 5. Elective: 2, 3, 4. MW 10:20 and one laboratory period. Mr. Sun

Journalism 108	Editorial Writing	3 credits
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This course discusses the functions of the editorial, the training and preparation of the editorial writer, the various types of editorials, how to collect and use reference material for editorial writing, logic, methods of editorial writing, and reading and analysis of the works of the leading editors both in Chinese and in English. Two hours of lectures and one hour of practice work. Required of senior students in journalism. Prerequisite: Journalism 5, 101-102, and 113-114. Elective: 4. Time to be arranged. Mr. Liu

Journalism 109-110	Newspaper Management	3-3 credits
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This course is intended to give the student the principles and practical knowledge of newspaper management, using existing conditions in the Chinese newspaper world as background and comparing and contrasting

them with Western methods of newspaper management. The course deals with the organization of modern newspapers, the position and duties of the newspaper publisher, management of the personnel, finance, and printing departments, advertising and circulation, newspaper policy, and the experiences of successful newspaper publishers. Required of senior students in journalism. Prerequisite: Journalism 5, 101-102, and 113-114. Elective: 3, 4. MWF 11:20. Mr. Liu

Journalism 113-114	News Editing	3-3 credits
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This course deals with the organization and the division of labor of the editorial department of a modern newspaper, the training and preparation of editors, the technique of editing various types of news, including the writing of headlines, the make-up of the newspaper, and news policy. Two hours of lectures and one hour of laboratory work per week. Required of junior students in journalism. Prerequisite: Journalism 5 and 101-102. Elective: 2, 3, 4. Lecture: TTh 11:20. Laboratory WTh 7:30 p.m. Mr. Liu

Journalism 119-120	Journalistic Translation	3-3 credits
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This course aims at improving the language ability as well as the knowledge of current events of the student. Students read newspaper and magazine articles, make comparative analyses of Chinese translations of Western writers and their original works, and translate English into Chinese and vice versa. Required of junior students in journalism. Prerequisite: Journalism 5. Elective: 3, 4. MW 2:10. Mr. Liu and Mr. Sun

Journalism 123-124	History of Journalism	2-2 credits
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This course deals with the history of the development of the world press in general, the history of some of the best known modern newspapers, and biographies of famous newspapermen. The tutorial method is used in this course. Required of junior students in journalism. Prerequisite: Journalism 5, 101-102, and 113-114. Elective: 3, 4. T 4:10 F 9:20. Mr. Liu and Mr. Löwenthal

Journalism 125-126	News Writing and Editing in English	2-2 credits
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This course is intended as a continuation of Journalism 113-114 for students who are interested in English newspaper work. Lectures and practice work in English news writing and editing. Prerequisite: Journalism 5, 101-102, and 113-114. Elective: 3, 4. MW 3:10. Mr. Sun

Journalism 199-200	Senior Thesis	2-2 credits
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Mr. Liu and Mr. Löwenthal

THE COLLEGE OF NATURAL SCIENCES

MATHEMATICS

Walter W. Davis, M. S.	<i>Professor and Chairman</i>
Miss Ethel M. Hancock, B. Sc.	<i>Assistant Professor</i>
E. Ralph Lapwood, B. A.	<i>Instructor</i>
Miss Ku Hsiu-yün, B. S.	<i>Assistant (part-time)</i>
Li Ming-hsien, B.S.	<i>Assistant (part-time)</i>
Miss Yen Chih-an, B.S.	<i>Assistant (part-time)</i>
L.R.O. Bevan, M.A., LL.B.	<i>Honorary Lecturer (part-time)</i>
Lin Chia-t'ung, Ph.D.	<i>Lecturer in Psychology</i>

The functions of the department are to offer a sequence of courses for students whose primary interest is in mathematics, to provide courses fundamental to the curricula of other departments of the University, and to train students for the teaching of mathematics.

Special Requirements : Eight credits of Sophomore English ; Physics 1-2 and Physics 3-4; six credits of social science.

The Major : A minimum of 46 credits in mathematics including :

Mathematics 1-2	Introduction to Mathematical Analysis	3-3 credits
Mathematics 5-6	Statics and Dynamics	3-3
Mathematics 23-24	Analytic Geometry	3-3
Mathematics 27-28	Intermediate Calculus	3-3
Mathematics 29-30	Modern Geometry	3-3
Mathematics 31-32	Differential Equations	2-2
Mathematics 33-34	Theory of Equations	2-2
Mathematics 55-56	Advanced Calculus	3-3
Mathematics 199-200	Senior Thesis	2 to 4

Under the supervision of a member of the department each student must satisfactorily complete a thesis on a mathematical subject.

The Minor : A minimum of 18 credits in physics, chemistry, or biology. While the Department of Mathematics does not wish to make physics courses, other than those mentioned, compulsory, it would emphasize the special value of physics in making certain aspects of higher mathematics more easily understood.

Students who wish to teach after graduation are advised to take the courses required by the Department of Education for a Form B Diploma.

Mathematics 1-2 Introduction to Mathematical Analysis 3-3 credits

A unified course in algebra, trigonometry, analytic geometry, and calculus. The course is planned for first year science students. Each section is limited to 20 students. Elective : 1. MWF 8:00 Sections A, B, C, and D; TThS 8:00 Sections E, F, G, and H. Mr. Davis, Miss Hancock, Mr. Lapwood, Mr. Bevan, Miss Ku, and Miss Yen

Mathematics 3-4 General Mathematics 3-3 credits

A unified course in algebra, trigonometry, analytic geometry, and calculus, designed to meet the needs of students of the College of Arts and Letters and the College of Public Affairs. Elective : 1. MWF 10:20 Sections A and C; TThS 10:20 Section B. Mr. Lin and Mr. Li

Mathematics 5-6 Statics and Dynamics 3-3 credits

An elementary course in statics and dynamics. Prerequisite : Mathematics 1-2 and Physics 1-2. Elective : 2, 3, 4. TThS 8:00. Mr. Davis

Mathematics 7 or 8 Statics and Dynamics 5 credits

This course is planned for pre-engineering students and covers the same ground as Mathematics 5-6, but in a somewhat more elementary way, especially in dynamics. Not offered in 1938-1939.

Mathematics 23-24 Analytic Geometry 3-3 credits

The fundamental principles of plane and solid analytic geometry including some work in homogeneous coordinates. Prerequisite : Mathematics 1-2. Elective : 2, 3, 4. TThS 10:20. Miss Hancock

Mathematics 27-28 Intermediate Calculus 3-3 credits

A second course in differential and integral calculus. Prerequisite : Mathematics 1-2. Elective : 2, 3, 4. MWF 10:20 Section A, primarily for major students in mathematics and physics; TThS 10:20 Section B, primarily for major students in chemistry. Mr. Lapwood

Mathematics 29-30 Modern Geometry 3-3 credits

A course in modern geometry and some geometrical conics. Elective : 1, 2, 3. MWF 11:20. Miss Hancock

Mathematics 31-32 Differential Equations 2-2 credits

A course in differential equations including partial differential equations and applications to geometry, mechanics, and physics. Prerequisite : Mathematics 27-28. Elective : 3, 4. MW 9:20. Mr. Davis

Mathematics 33-34 Theory of Equations 2-2 credits

A general review of the fundamental principles of the subject proceeding to the advanced properties of equations and a discussion of substitutions and substitution groups. Prerequisite : Mathematics 27-28. Elective : 3, 4. Time to be arranged. Miss Hancock

- Mathematics 41-42 Theoretical Mechanics 3-3 credits
 A course in statics and dynamics designed for advanced students of mathematics and physics. Prerequisite: Mathematics 5-6 and 27-28. Elective: 3, 4. Not offered in 1938-1939 or 1939-1940. TThS 9:20.
 Mr. Davis
- Mathematics 53-54 Projective Geometry 3-3 credits
 Prerequisite: Mathematics 1-2 and 29-30. Elective: 3,4. Time to be arranged. Not offered in 1938-1939 or 1939-1940. Miss Hancock
- Mathematics 55-56 Advanced Calculus 3-3 credits
 A continuation of Mathematics 27-28 arranged with special reference to the needs of students majoring in mathematics and more advanced science students. Prerequisite: Mathematics 27-28. Elective: 3,4. MWF 8:00.
 Mr. Lapwood
- Mathematics 61 Theory of Algebraic Numbers 2 credits
 Prerequisite: Mathematics 27-28. Elective: 3,4. Not offered in 1938-1939. MF 11:20.
 Mr. Davis
- Mathematics 62 Algebraic Theories 2 credits
 A course in modern algebraic theories. Prerequisite: Mathematics 61. Elective: 2, 3, 4. Not offered in 1938-1939. MF 11:20.
 Mr. Davis
- Mathematics 64 Theory of Matrices 2 credits
 A course in the theory of matrices. Prerequisite: Mathematics 27. Elective: 3,4. Time to be arranged.
 Mr. Lapwood
- Mathematics 91-92 Journal Club 1-1 credits
 In this course the faculty and students will give reports on articles in current mathematical journals. Prerequisite: Mathematics 27-28. Elective: 3,4. Not offered in 1938-1939.
 Staff
- Mathematics 113-114 Methods of Teaching Mathematics 2-2 credits
 A course on special methods of teaching mathematics mainly in junior and senior middle schools. Elective: 4. Time to be arranged. Not offered in 1938-1939 or 1939-1940.
 Miss Hancock
- Mathematics 151-152 Theory of Functions 2-2 credits
 A course on the theory of functions and infinite series. Prerequisite: Mathematics 27-28. Elective: 3,4. MW 9:20.
- Mathematics 199-200 Senior Thesis 2 to 4 credits

PHYSICS

- William Band, M. Sc. *Professor and Chairman*
 Miss Ho I-chen, Ph. D. *Lecturer*
 Liu Mao-ling, B.S., B.E.E. *Lecturer (part-time)*
 Tu Lien-yueh, M.S. *Instructor*
 Wang Jun-ch'uan, M.S. *Instructor*
 Ch'eng Li-ch'ang, M.S. *Assistant*
 Feng Shu-kung, B.S. *Assistant*
 Hsü Hai-ch'ao, B.S. *Assistant (part-time)*
 Mo Wen-ch'uan, M.S. *Honorary Assistant (part-time)*

The instructional work in physics is directed toward the following ends: the training of premedical and pre-engineering students for professional study; the training of general students in scientific methods of work and in the understanding of the place of physical science in the modern world; the training of teachers of physics; the training of research workers in physics.

Special Requirements: Eight credits of Sophomore English; six credits in Mathematics 27-28, Calculus.

The Major: No student will be accepted as a major student unless he has obtained a grade of at least 5 in Physics 1-2 and Mathematics 1-2.

A major student should take not less than 36 or more than 50 credits in physics including:

Physics 3-4	College Physics II	4-4 credits
Physics 91-92	Journal Club	1-1
Physics 123-124	Modern Physics	3-3
Physics 199-200	Senior Thesis	2 to 4

and should elect one of three programs: optical physics, electrical physics, or general physics.

The program in optical physics includes:

Physics 23-24	Laboratory Techniques	2-2 credits
Physics 105-106	Advanced Optics	4-4
Physics 108	Photography	2

The program in electrical physics includes:

Physics 21-22	Radio	3-3 credits
Physics 23-24	Laboratory Techniques	2-2
Physics 109-110	Electricity and Magnetism	4-4

The program in general physics includes:

Physics 105-106	Advanced Optics	4-4
Physics 109-110	Electricity and Magnetism	4-4

Minor Subject: A student majoring in physics should choose one of the following minor subjects:

Mathematics. This minor is recommended for those whose special interest is in electricity, in theoretical physics, or in teaching. The following courses should be taken:

Mathematics 5-6	Statics and Dynamics	3-3
Mathematics 41-42	Theoretical Mechanics	3-3
Mathematics 55-56	Advanced Calculus	3-3

Chemistry. This minor is recommended for those whose special interest is in applied optics or in teaching. The following courses should be taken:

Chemistry 11	Qualitative Analysis	4
Chemistry 14	Elementary Physical Chemistry	4
Chemistry 31-32	Physical Chemistry	4-4
Chemistry 151	Chemical Thermodynamics	3

Biology. This minor is recommended for students interested in research in the rich field of biophysics and for those whose interest is in either optics or electricity. The following courses should be taken:

Biology 52	Comparative Anatomy of the Vertebrates	5
Biology 101	Genetics	3
Biology 102	General Embryology	3
Biology 103, 104	Biological Technique	4-4

Physics 1-2 College Physics I 3-3 credits

Mechanics, general properties of matter, heat, and sound. Prerequisite: middle school physics, algebra, geometry, and trigonometry. Elective: 1, 2. Lecture: TTh 9:20 Section A; WF 9:20 Section B. Laboratory: One period per week to be arranged. Mr. Tu

Physics 3-4 College Physics II 3-3 credits

Optics, electricity, and magnetism. Prerequisite: Physics 1-2. Elective: 2, 3, 4. Lecture: WF 9:20 Section A; WF 10:20 Section B. Laboratory: One period per week to be arranged. Mr. Wang

Note: 4-4 credits for major students, for whom additional work is arranged.

Physics 11-12 General Physics 3-3 credits

A course planned especially for students of the College of Arts and Letters and the College of Public Affairs. The enrolment is limited to fourteen. Elective: 1, 2. Lecture: WF 10:20. Laboratory: T 1:10:4:00. Mr. Liu

Physics 21-22 Radio 3-3 credits

A general course based on Terman's text. Fundamental measurements on radio frequency circuits and of the characteristics of diode, triode, and pentode tubes are carried out. The construction of simple sets is supervised in the laboratory periods. The enrolment is limited to twelve. Prerequisite: Physics 1-2. Elective: 2, 3. Lecture: MTh 7:00 p.m. Laboratory: T 1:10:4:00. Mr. Tu

Physics 23-24 Laboratory Techniques 2-2 credits

Two laboratory-discussion periods per week covering simple glass work, bench work, soldering, lathe work, screw cutting, care and repair of tools, machinery batteries, electrical motors, and electrical generators. The elementary theory of the various machines is discussed during the laboratory work. Prerequisite: Physics 3-4. Elective: 3, 4. Not offered in 1938-1939.

Physics 50 Biophysics 2 credits

Prerequisite: Physics 1-2. Elective: 3. M 1:10:4:00. Mr. Wang

Physics 91-92 Journal Club 1-1 credits

In this course the faculty and students will give reports on articles in current physical journals. Regular attendance is required of graduate and senior students in the department. Time to be arranged. Staff

Physics 101-102 Advanced Mechanics 3-3 credits

Prerequisite: Physics 1-2, Mathematics 5-6 and 27-28. Not offered in 1938-1939. TThS 8:00.

- Physics 105-106 Advanced Optics 4-4 credits
 Prerequisite: Physics 1-2, Mathematics 27-28. Elective: 3, 4. Lecture: TThS 8:00. Laboratory: Th 1:10-4:00. Mr. Wang and Mr. Ch'eng
- Physics 108 Photography 2 credits
 Two laboratory-discussion periods per week, covering elementary techniques of taking, developing, printing, enlarging; color photography, photography of infra-red and ultraviolet, photography applied to spectroscopy. The elementary theory of all these processes is discussed during the laboratory work. Prerequisite: Concurrently with Physics 105-106. Elective 3, 4. Time to be arranged. Miss Ho and Mr. Tu
- Physics 109-110 Electricity and Magnetism 4-4 credits
 Prerequisite: Physics 1-2, 3-4, and Mathematics 27-28. Elective: 3. MWF 8:00. One laboratory period to be arranged. Miss Ho and Mr. Ch'eng
- Physics 121-122 Advanced Electricity and Magnetism 3-3 credits
 Prerequisite: Physics 109-110 and Mathematics 27-28. Not offered in 1938-1939.
- Physics 123-124 Modern Physics 4-4 credits
 In certain cases the student may be excused from laboratory work in this course. In that case only three credits will be given. Prerequisite: Physics 1-2, 3-4, and Mathematics 27-28. Elective: 4, 5. Lecture: MWF 10:20. Mr. Band
- Physics 126 Kinetic Theory of Gases 3 credits
 Prerequisite: Physics 101-102. Time to be arranged. Not offered in 1938-1939.
- Physics 129-130 Introduction to Theoretical Physics 4-4 credits
 Prerequisite: Physics 1-2, 3-4, and Mathematics 27-28. Not offered in 1938-1939. MThS 9:20. Mr. Band
- Physics 199-200 Senior Thesis 2 to 4 credits
 The preparation of a critical résumé of literature in some field of research and a simple original investigation on a subject to be selected in conference with the chairman of the department.

BIOLOGY

- Chenfu F. Wu, Ph.D. *Professor and Chairman*
 Miss Alice M. Boring, Ph. D. *Professor*
 Li Ju-ch'i, Ph. D. *Professor*
 Ts'ui Yü-lin, M.S. *Instructor*
 Miss Hsüeh Mu-lien, B.S. *Assistant*
 Li Chao-t'e, B.S. *Assistant*
 Lin Ch'ang-shan, M.S. *Assistant*
 Miss Wu Ts'ai-ling, B.S. *Assistant*

The functions of the department are: to provide the necessary courses which are fundamental to the curriculum in professional and technical work in biology; to train students for teaching general science and biology; to prepare students for research work in biology; and to offer opportunities to graduates for carrying on research work in biology.

Special Requirements: Two credits of Sophomore Chinese; eight credits of Sophomore English; six credits in the College of Arts and Letters; six credits in social science.

The Major: 40 credits in biology including the following courses:

Biology 1 or 2	General Biology	5 credits
Biology 51	Invertebrate Zoology	5
Biology 52	Comparative Anatomy of the Vertebrates	5
Biology 101, 102	Genetics and Embryology	3-3
Biology 103, 104	Biological Technique	4-4
Biology 153-154	Journal Club	1-1
Biology 199-200	Senior Thesis	2-2

The Minor: 16 credits in physics or chemistry or both.

Biology 1 or 2 General Biology 5 credits

A course in the fundamental principles of structure and function in both animals and plants. Emphasis is placed on laboratory methods and on practical applications to everyday life whenever possible. The principles of evolution and inheritance are discussed. The enrolment is limited to 90 students. Elective: 1, 2 (science students). Lecture: MWF 9:20 Section A; TThS 9:20 Section B. Laboratory: MW 1:10-4:00 Section A (45 students); TTh 1:10-4:00 Section B (45 students). Miss Boring

Biology 3-4 Human Biology 3-3 credits

This course is especially planned for non-science students. It deals with the fundamental principles of biology with special emphasis on their application to men. The enrolment is limited to 135 students. Elective: 1, 2 (non-science students). Lectures: MW 9:20 Section A; TTh 9:20 Section B. Laboratory: F 1:10-4:00 Section A; S 9:20-12:10 Section B; S 1:10-4:00 Section C. Mr. Ts'ui

Biology 51 Invertebrate Zoology 5 credits

This is a course on the morphology and physiology of the invertebrate groups with special emphasis on the life histories of the pathogenic forms, the evolutionary relationships between the different phyla, and the more important biological principles. The enrolment is limited to 48 students. Prerequisite: Biology 1. Elective: 2, 3. Lecture: MWF 10:20. Laboratory: MW 1:10-4:00 Section A (24 students); TTh 1:10-4:00 Section B (24 students). Mr. Wu

Biology 52 Comparative Anatomy of the Vertebrates 5 credits

A study of comparative anatomy of the different classes of vertebrates with features in mammals and man. The enrolment is limited to 48 students. Prerequisite: Biology 1. Elective: 2, 3. Lecture: TThS 10:20. Laboratory: MW 1:10-4:00 Section A (24 students); TTh 1:10-4:00 Section B (24 students). Miss Boring

Biology 54 General Botany 4 credits

This course is designed to give the student a general knowledge of plant morphology, plant physiology, and the fundamentals of plant taxonomy, with special emphasis on the more important biological principles which govern the plant and animal kingdoms. Prerequisite: Biology 1. Elective: 2, 3, 4. Lecture: TTh 8:00. Laboratory: TTh 1:10-4:00. Mr. Wu

Biology 101 Genetics 3 credits

The object of the course is to give the student an idea of the theories of organic evolution, Mendelism, and biometry. The main emphasis is laid on Mendelism. The study of linkage and crossing-over, the chromosome theory of heredity, and the mechanism of sex determination are critically discussed. Prerequisite: Biology 51 and 52. Elective: 3, 4, 5. Lecture: WF 8:00. Laboratory: F 1:10-4:00. Mr. Li

Biology 102 General Embryology 3 credits

This course is designed to acquaint the student with all the fundamental principles of embryology. The cell and mitosis are taken up first; then the descriptive and analytical aspects of germ cells, maturation, fertilization, and cleavage phenomena, are treated with more or less detail. The

latter part of the semester is devoted to a comparative study of the early development of the vertebrates. Prerequisite: Biology 51 and 52. Elective: 3, 4, 5. Lecture: WF 8:00. Laboratory: F 1:10-4:00. Mr. Li

Biology 103 Biological Technique 4 credits

Principles and practice of making microscopic preparations. Guyer's *Animal Micrology* will be followed. Prerequisite: Biology 51 and 52. Elective: 3, 4, 5. Lecture: MW 8:00. Laboratory: MW 1:10-4:00. Mr. Wu

Biology 104 Biological Technique 4 credits

A practical study of various laboratory methods in collecting, preserving, and preparing biological specimens for class and laboratory work. Prerequisite: Biology 103. Elective: 3, 4, 5. Lecture: MW 8:00. Laboratory: MW 1:10-4:00. Mr. Wu

Biology 105 Animal Histology 4 credits

A general study of animal cells and tissues and some typical organs. Fresh material will be used where possible and its reaction to various chemicals will be studied, thus constituting a foundation for the study of microscopic technique. Prerequisite: Biology 51 and 52. Elective: 3, 4, 5. Lecture: TTh 10:20. Laboratory: TTh 1:10-4:00. Miss Boring

Biology 106 General Entomology 4 credits

A study of the morphological characters of insects and the representatives of the different orders, with emphasis on their evolutionary relationships, life histories, economic importance, and methods of control. Prerequisite: Biology 51. Elective: 3, 4, 5. Lecture: TTh 8:00. Laboratory: TTh 1:10-4:00. Mr. Wu

Biology 107 Animal Parasitology 4 credits

A study of the morphology, life history, classification, host-parasite relationship, laboratory and clinical diagnosis, therapeutics and prophylaxis of the common pathogenic protozoa, helminthes, and arthropods. Prerequisite: Biology 51. Elective: 3, 4, 5. Lecture: TTh 8:00. Laboratory: TTh 1:10-4:00. Mr. Wu

Biology 153-154 Journal Club 1-1 credits

In this course the faculty and students will give reports on articles in current biological journals. Prerequisite: Two years of biology. Elective: 3, 4, 5. Th 4:30. Mr. Li

Biology 156 Advanced Entomology 4 credits

This course will provide for a more detailed study of insect morphology, insect histology, insect embryology, and insect ecology. Prerequisite: Biology 106. Elective: 4, 5. Lecture: TTh 8:00. Laboratory: TTh 1:10-4:00. Mr. Wu

Biology 159 Cytogenetics 3 credits

This course deals with the recent advances in genetics and cytology, including the work done with *Cenothera*, *Zea maize*, and *Drosophila*. Prerequisite: Biology 101. Elective: 3, 4, 5. Lecture: TTh 8:00. Laboratory: W 1:10-4:00. Mr. Li

Biology 160 Experimental Biology 3 credits

An introductory study of the living phenomena in natural and experimental conditions, including discussion of methods of experimentation and reports on the current literature. Prerequisite: Biology 101 and 102. Elective: 3, 4, 5. TTh 8:00. Laboratory: W 1:10-4:00. Mr. Li

Biology 165A Special Problems 4 credits

This course consists of laboratory investigations under the direction of some member of the staff. The work is equivalent to at least twelve laboratory hours. Prerequisite: three years of biology. Elective: 4, 5. Time to be arranged.

Biology 165B Special Problems 2 credits

A course similar to Biology 165A. The work is equivalent to at least six laboratory hours.

Biology 166A Special Problems 4 credits

A course similar to Biology 165A.

Biology 166B Special Problems 2 credits

A course similar to Biology 165B.

Biology 199-200 Senior Thesis 2-2 credits

Each major student is expected to show the ability to work out independently a simple problem in biology under the supervision of a member of the department who is trained in the special line.

CHEMISTRY

William H. Adolph, Ph.D.

Earl O. Wilson, Sc.D.

Stanley D. Wilson, Ph.D.

*Ts'ai Liu-sheng, Ph.D.

*Miss Kung Lan-chen, Ph.D.

Norman C. C. Li, Ph.D.

Hsü P'eng-ch'eng, M.S.

Ts'ao Ching-p'an, B.A.

Chao Tsung-yi, B.S.

Ch'en Shang-chin, B.S.

Lin Meng-chang, M.S.

Chiao Shou-hsun, B.S.

Ts'ai Nien-su

Wu Tsu-fen, B.S.

Lin Ch'i-chun, B. Cer. E.

Professor and Chairman

Professor

Professor

Assistant Professor

Lecturer

Lecturer

Instructor

Instructor

Research Assistant

Research Assistant

Research Assistant

Assistant (part-time)

Assistant (part-time)

Assistant (part-time)

Honorary Adviser in Ceramics

The Department of Chemistry undertakes: to offer students in the College of Natural Sciences, and also students specializing in other fields, a fundamental training in chemical thought and the scientific method; to train teachers of chemistry; to train practical chemists; and to offer to properly qualified college graduates a training in methods of chemical research.

Special Requirements: Eight credits of Sophomore English; a second year of mathematics; at least twelve credits of physics; six credits of social science to be taken in the sophomore year.

The Major: From 40 to 50 credits in chemistry including:

Chemistry 1 or 2	General Inorganic Chemistry	5 credits
Chemistry 11 and 16	Analytical Chemistry	4-4
Chemistry 21-22	Organic Chemistry	4-4
Chemistry 31-32	Physical Chemistry	4-4
Chemistry 199-200	Senior Thesis	3-3

The Minor: From 12 to 20 credits in one subject. It is advised that students majoring in chemistry should minor in either biology or physics.

* On leave of absence, 1938-1939.

Comprehensive Examination: All candidates for graduation in chemistry, in addition to presenting an acceptable thesis, must pass a written comprehensive examination in the general field of chemistry as part of the requirement for the B. S. degree.

- Chemistry 1 or 2 General Inorganic Chemistry 5 credits
 A course in general inorganic chemistry covering both the non-metals and the metals. The course acquaints the student with the important laws, theories, and applications of chemistry. The bearing of chemistry upon the life of the community and nation is emphasized. Prerequisite: Middle school physics or the equivalent. Elective: 1, 2, 3. MWF 8:00, MW 1:10-4:00 Section A; TThS 8:00, TTh 1:10-4:00 Section B; MWF 9:20, F 1:10-4:00, S 9:20-12:10 Section C; TThS 9:20, TTh 1:10-4:00 Section D. Mr. Hsü
- Chemistry 3-4 General Chemistry 3-3 credits
 This is an introductory course, covering the general field of chemistry with special emphasis on the application of chemistry to industry and life. For students of the College of Arts and Letters and the College of Public Affairs. Lecture: MWF 10:20. Laboratory: M 1:10-4:00. Section A; W 1:10-4:00 Section B. Mr. Ts'ao
- Chemistry 11 Qualitative Analysis 4 credits
 A study of the fundamental theories and principles involved in qualitative analysis. Laboratory work will include the analysis of both anions and cations. Prerequisite: Chemistry 1 or 2. TTh 8:00, MW 1:10-4:00 Section A; WF 8:00, F 1:10-4:00, S 9:20-12:10 Section B. Mr. Adolph and Mr. Li
- Chemistry 14 Elementary Physical Chemistry 4 credits
 A study of fundamental principles. The laboratory work consists of simple experiments developing the important conceptions of physical chemistry. Prerequisite: Chemistry 1 and Physics 1-2. TTh 8:00, MW 1:10-4:00 Section A; WF 8:00, F 1:10-4:00, S 9:20-12:10 Section B. Mr. Adolph
- Chemistry 16 Quantitative Analysis 4 credits
 Elementary gravimetric and volumetric analysis. One conference and nine laboratory hours. Premedical students may take this as a three-credit course. Prerequisite: Chemistry 11. T 9:20, MWF 1:10-4:00 Section A; T 9:20, TTh 1:10-4:00, Section B. Mr. E. O. Wilson
- Chemistry 21-22 Organic Chemistry 4-4 credits
 A course in the elements of organic chemistry for those beginning the subject; aliphatic and aromatic series. The emphasis is placed on general

principles. Students who later take work in biochemistry may receive credit for Chemistry 21 without taking Chemistry 22. Prerequisite: Chemistry 14 or 16. Lecture: TTh 10:20. Laboratory: MW 1:10-4:00 Section A; TTh 1:10-4:00 Section B. Mr. S. D. Wilson

- Chemistry 31-32 Physical Chemistry 4-4 credits
 An intensive study of the fundamental laws and principles of chemistry. The laboratory exercises are all of a quantitative nature. Three hours of class work and three hours of laboratory. Prerequisite: Chemistry 21-22, and Mathematics 27-28. Lecture: MWF 10:20. Laboratory to be arranged. Mr. Ts'ai
- Chemistry 117 General Biochemistry 4 credits
 An introductory course including a study of carbohydrates, fats, and proteins, with the fundamental conceptions of biochemistry as applied to life processes. Prerequisite: Chemistry 16 and 21. Laboratory: TTh 1:10-4:00. Lectures and conferences: TTh 10:20. Mr. Adolph
- Chemistry 119 Leather Technology 3 credits
 A tutorial course in the chemistry and technology of leather manufacture. The work will include laboratory practice illustrating the various operations of leather manufacture and a study of the current literature dealing with the theory and practice of tanning. Prerequisite: Chemistry 21-22 and 31-32. Time to be arranged. Mr. E. O. Wilson
- Chemistry 120 Ceramic Technology 3 credits
 A series of laboratory experiments designed to introduce the student to the problems and methods of modern ceramics. The laboratory work will be supplemented by lectures, conferences, and reports. Prerequisite: Chemistry 21 and 31. Mr. E. Wilson
- Chemistry 121-122 Industrial Chemistry 3-3 credits
 The most important of the industries in which chemical reactions play a major part are considered. Plant equipment is described in some detail and the factors which influence economic large-scale production are discussed. One half of the time of this course is devoted to the subject of industrial stoichiometry. A large number of numerical problems will be solved by the students. Prerequisite: Chemistry 16 and 22. MWF 9:20. Mr. E. O. Wilson
- Chemistry 123 Technical Analysis 4 credits
 Instruction will be given in gas, fuel, and water analysis. Considerable

range of choice will be allowed the individual student, depending upon his interests and previous training. Rapid methods for the analysis of various commercial products, training in the use of the hydrogen electrode, and the practical use of the thermocouple, will also be included. One conference and nine laboratory hours. Prerequisite: Chemistry 16. Time to be arranged. Mr. E. O. Wilson

Chemistry 124 Laboratory Problems in Applied Chemistry 4 credits

This course should accompany or follow the courses in industrial chemistry and technical analysis. Individual or group investigations will be conducted; the particular nature of the problems will depend upon the interests and previous training of the student. Laboratory and informal conferences. Prerequisite: Chemistry 123. Time to be arranged. Mr. E. O. Wilson

Chemistry 126 Chemical Engineering 3 credits

Problems and discussions illustrating, in a quantitative way, the methods of carrying out chemical reactions on a commercial scale. The unit operations of chemical industry, such as flow of fluids, flow of heat, evaporation, distillation, and drying, are studied in detail. Prerequisite: Chemistry 31 and 122. TThS 9:20. Mr. E. O. Wilson

Chemistry 127 Qualitative Organic Analysis 3 credits

A study of the systematic classification of organic compounds including methods for the identification of various groups and compounds. One lecture and six laboratory hours. Prerequisite: Chemistry 22. Time to be arranged. Mr. S. D. Wilson

Chemistry 129 Quantitative Organic Analysis 3 credits

Practice in the standard methods used for the quantitative analysis of organic compounds and the quantitative estimation of organic radicals. One lecture and six laboratory hours. Prerequisite: Chemistry 22. Time to be arranged. Mr. S. D. Wilson

Chemistry 133-134 Advanced Organic Chemistry 3-3 credits

Lectures of a more advanced nature than those given in Chemistry 21-22; reports on the current literature of organic chemistry. Students without adequate laboratory training in organic chemistry must elect Chemistry 135-136 with this course. Credit may be given for one semester without the other. Prerequisite: Chemistry 22. Time to be arranged. Mr. S.D. Wilson

Chemistry 135-136 Organic Preparations 2-2 credits

Organic preparations of a more advanced type than those offered in Chemistry 21-22. As far as possible the type of preparations will be adapted to the needs of the individual students. Six laboratory hours. Credit may be given for one semester without the other. Prerequisite: Chemistry 22. Time to be arranged. Mr. S. D. Wilson

Chemistry 139-140 Seminar in Biochemistry 1-1 credits

For students specializing in biochemistry. Credit may be given for one semester without the other. Prerequisite: Chemistry 117. Time to be arranged. Mr. Adolph

Chemistry 141 Chemistry of Nutrition 4 credits

Physiological chemistry as applied to problems of human nutrition. Individual projects. Prerequisite: Chemistry 117 and Home Economics 3. Six laboratory hours and two lectures to be arranged. Miss Kung

Chemistry 142 Metabolism 4 credits

Physiological chemistry as applied to problems of human metabolism. Conferences; individual projects; simple metabolism experiments and laboratory study of metabolic processes. Prerequisite: Chemistry 117. Six laboratory hours and two lecture conferences to be arranged. Mr. Adolph

Chemistry 143 Chemistry of the Proteins 2 credits

Prerequisite: Chemistry 117 or the equivalent. Time to be arranged. Mr. Adolph

Chemistry 146 Chemistry of the Colloidal State 2 credits

A study of the fundamental conceptions of colloid chemistry. Lectures and conferences. Prerequisite: Chemistry 14 or 32. TTh 10:20. Mr. Adolph

Chemistry 151 Chemical Thermodynamics 3 credits

Prerequisite: Chemistry 32. Time to be arranged. Mr. Li

Chemistry 152 Photochemistry 2 credits

Prerequisite: Chemistry 32. Not offered in 1938-1939. Mr. Ts'ai

Chemistry 153A Special Problems 4 credits

This course consists of laboratory investigations under the direction of some member of the staff. Detailed information may be secured by consultation with the instructors offering advanced courses. Prerequisite: Permission of the instructor under whom the work is to be done.

Chemistry 153B	Special Problems	2 credits
A course similar to Chemistry 153A		
Chemistry 154A	Special Problems	4 credits
Chemistry 154B	Special Problems	2 credits
Chemistry 199-200	Senior Thesis	3-3 credits

This course involves a simple experimental problem in some field of chemistry. The field of investigation is selected in conference with the chairman of the department.

HOME ECONOMICS

Miss Martha Kramer, Ph. D.	<i>Visiting Professor and Chairman</i>
*Miss Ch'en I, M.A.	<i>Lecturer</i>
Mrs. Hermann Consten, Ph.D.	<i>Lecturer (part-time)</i>
Mrs. Li Yen-ling, M.A.	<i>Lecturer (part-time)</i>
Miss Pai Ho-i, B.S.	<i>Assistant and Dietitian</i>
Mrs. Lin Tai K'e-fan, B.S.	<i>Assistant (part-time)</i>
*Miss Kung Lan-chen, Ph.D.	<i>Lecturer in Chemistry</i>
Miss Tseng Hsiu-hsiang, M.A.	<i>Lecturer in Education</i>

The aims of the department are: to offer education for home-making as a part of a general university education for women; to offer training for teaching home economics in middle schools; to provide fundamental courses for those who are interested in hospital dietetics or nutrition research; to provide a sequence of courses for those who are interested in rural or urban social work.

Special Requirements: Eight credits of Sophomore English; twelve credits of social science.

The Major: From 32 to 50 credits in home economics, including the following:

Home Economics 3	Food Selection and Preparation	3 credits
Home Economics 4	Advanced Food Preparation	3
Home Economics 6	Nutrition	4

*On leave of absence, 1938-1939.

Home Economics 11	Clothing Problems	3 credits
Home Economics 15	Home Decoration	3
Home Economics 26	Household Management	3
Home Economics 31	Child Care and Development	3
Home Economics 32	Child Training	3
Home Economics 91	Home Management House	3
Home Economics 199-200	Senior Thesis	2 to 4

The Minor: From 12 to 24 credits in one subject,

Two different sequences of courses are recommended by the department. The first is for students who expect to teach home economics or engage in some form of social work. Such students are required to take in addition to the courses listed above:

Home Economics 23	Household Technology	3 credits
Home Economics 102	Methods of Teaching Home Economics	3
Chemistry 6	Organic Chemistry	4

Chemistry 11, Qualitative Analysis, and Chemistry 16, Quantitative Analysis, are necessary for students who wish to choose a nutrition problem as a subject for the senior thesis. Students taking this sequence are recommended to choose education or sociology as the minor subject.

The second sequence is for students interested primarily in nutrition. Such students should choose chemistry as their minor subject and should take in addition to the courses listed above:

Home Economics 111	Advanced Nutrition	3 credits
Chemistry 11	Qualitative Analysis	4
Chemistry 14	Elementary Physical Chemistry	4
Chemistry 16	Quantitative Analysis	4
Chemistry 21	Organic Chemistry	4
Chemistry 117	General Biochemistry	4
Biology 52	Comparative Anatomy of the Vertebrates	5

Home Economics 3	Food Selection and Preparation	3 credits
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A study of foods; source and composition; selection for the balanced diet at various cost levels; preparation and service. Elective: 2, 3. Lecture: MW 9:20. Laboratory: F 1:10-4:00. Miss Pai

- Home Economics 4 **Advanced Food Preparation** 3 credits
 A course planned to give a broad view of the field of food preparation, in large and small quantity, with special reference to cost, quality, and nutritive value of the finished product. Methods of experimental cookery will be used in checking procedures, in determining proportions, and in judging the desirability of products. Prerequisite: Home Economics 3. Elective: 3, 4. Lecture: W 8:00. Laboratory: TTh 1:10-4:00. Miss Kramer and Miss Pai
- Home Economics 6 **Nutrition** 4 credits
 A study of the essentials of nutrition and their relationship to human well-being. Prerequisite: Home Economics 3 and Chemistry 6 or Chemistry 21. Lecture: TTh 10:20. Laboratory: MW 1:10-4:00.
- Home Economics 7 **Diet in Disease** 2 credits
 A course in therapeutic diets; dietetics with special attention given to the application of the best modern theories to a variety of situations where the age, race, education, and economic position of the people may markedly affect food habits. Prerequisite: Home Economics 6. Elective: 4. TTh 11:20. Miss Kramer
- Home Economics 11 **Clothing Problems** 4 credits
 A study of the character and economy of textiles used in the home and of the selection, construction, care, and economy of clothing. Elective: 3, 4. Lecture: MWF 8:00. Laboratory: Th 1:10-4:00. Mrs. Li
- Home Economics 15 **Home Decoration** 3 credits
 A course in which the home and its furnishings are considered from the point of view of the best Chinese standards of the past and also from the modern position of real function and the best satisfaction for money spent. Standards of taste of Western countries will be introduced only where essential. The laboratory periods will include field trips of various types. Elective: 3, 4. Lecture: TTh 8:00. Laboratory: T 1:10-4:00. Mrs. Consten and Miss Kramer
- Home Economics 16 **Applied Design** 3 credits
 A study of the principles of design and color, developed and applied to textiles and clothing and to the home and its furnishings. Prerequisite: Home Economics 11 or 15. Elective: 3, 4. Lecture: T 8:00. Laboratory TTh 1:10-4:00. Mrs. Consten and Mrs. Li
- Home Economics 23 **Household Technology** 3 credits
 A study of selection, economy, and efficiency of household equipment and fixtures and of the processes used in care of the home according to modern standards. Elective: 2, 3, 4. Not offered in 1938-1939. Lecture: TTh 9:20. Laboratory: M 1:10-4:00.

- Home Economics 24 **Home Hygiene** 3 credits
 A study of home and community sanitation, with emphasis on methods of maintaining optimal health for members of the family; the management of communicable disease and the care of the patient in the home, with demonstrations of simple nursing procedure. Elective: 2, 3. Not offered in 1938-1939.
- Home Economics 26 **Household Management** 3 credits
 A course dealing with household organization, management, and economics. Advantages and disadvantages of standards and customary procedures in this region will be compared with those in other parts of the world. Elective: 3, 4. MWF 9:20. Miss Kramer
- Home Economics 28 **The Home in China** 2 credits
 A consideration of the Chinese home of today. Special attention will be given to the make-up of the family group; the income, with source, and food, clothing and shelter so provided; the development and health of members of the family; the relation of the family and its members to the community; the aspects of the home which may or may not be considered successful today. A limited amount of field work will be expected of each student. Elective: 2, 3, 4. Miss Tseng and Miss Kramer
- Home Economics 31 **Child Care and Development** 3 credits
 A study of the growth and development of the child through the prenatal period, infancy, and childhood; factors influencing the health of children, including environment and food. A certain amount of observation and field work will be assigned each student. Elective: 3, 4. MWF 10:20. Miss Kramer.
- Home Economics 32 **Child Training** 3 credits
 Principles of child training with special emphasis on factors now regarded as significant in fostering optimal development of the abilities of the child for greatest satisfaction to the individual and to society. Some field work and supervised observation will be assigned each student. Prerequisite: Psychology 1 or Education 16, Home Economics 31. MWF 10:20. Miss Kramer
- Home Economics 33 or 34 **The Nursery School** 3 credits
 A study of the aim and organization of the nursery school, equipment and play material for young children, activities and records in the nursery school. This course includes one lecture a week and three to five hours of observation and practice in the nursery school. Prerequisite: Home Economics 31 and 32. Elective: 3, 4. Not offered in 1938-1939. TTh 10:20. Practice hours to be arranged.

Home Economics 91 or 92 Home Management House 3 credits

A course dealing with the economic, managerial, and manipulative problems of the home. Students live in the Home Management House for one semester, each being responsible for various duties and projects, including practical work with the low cost diet. Students taking this course are advised to keep the 11:20 hour free. Prerequisite: Home Economics 3, 6, 15, 23, and 26. Elective: 4. Miss Pai

Home Economics 102 Methods of Teaching Home Economics 3 credits

A study of methods of teaching home economics at middle school, college, and adult education levels. Emphasis will be placed on organization of courses of study with special regard to the needs of Chinese middle school students. Prerequisite: 16 credits of home economics. Elective: 4. MWF 8:00. Miss Kramer

Home Economics 111 or 112 Advanced Nutrition 3 credits

Further study of the problems of nutrition with special attention to the recent advances in this science. Prerequisite: Home Economics 6 and Chemistry 118. Elective: 4. MW 11:20. Laboratory hours to be arranged.

Home Economics 120 Food Economics 3 credits

A course for students interested in human nutrition and diet as related to available food supply. The effects of present-day methods of production, preparation, processing, storage, and transportation are considered. Special attention is given to factors important to the consumer in China. Prerequisite: Home Economics 6. Elective: 4. TTh 8:00. Miss Kramer

Home Economics 122 Seminar in Home Economics 2 credits

A course designed to acquaint the student with recent publications useful in the various fields of home economics; to provide experience in securing authentic information from these sources and in preparing abstracts of the same; and to give an understanding of the contribution of the arts and sciences to different phases of home economics work. Prerequisite: 12 credits in home economics. Elective: 3, 4. Time to be arranged. Miss Kramer

Home Economics 199-200 Senior Thesis 2 to 4 credits

Each major student is required to investigate an individual problem during the senior year.

GEOLOGY

Walter W. Davis, M.S.

Professor of Mathematics

Geology 1-2

General Geology

3-3 credits

An introduction to earth science. A brief study of the materials of the earth's crust, the work of the atmosphere, running-water, groundwater, snow and ice, lakes and oceans, together with volcanism and crustal movements; a brief outline of earth history. Elective: 1, 2, 3, 4. Lectures: TTh 10:20. Laboratory: W 1:10-4:00. Occasional field trips in place of the laboratory period. Mr. Davis

HYGIENE

Miss M. Elizabeth Jenkins, M.D.

Medical Office for Women

Wu Chi-wen, M.D.

Assistant University Medical Officer

Hygiene 1 or 2 W

Personal Hygiene

1 credit

A course in the principles of health with special emphasis on disease prevention and the relationship of a personal illness to the health of the community. Open to women students only. Required: Freshmen women students. Th 11:20 Section A; Th 1:10 Section B. Dr. Jenkins

Hygiene 1 or 2 M

Personal Hygiene

1 credit

A similar course for men students. Elective: 1,2,3,4. Th 11:20. Dr. Wu

MECHANICAL DRAWING

Samuel M. Dean, B.S., M.E.

Honorary Lecturer (part-time)

Mechanical Drawing 1

Mechanical Drawing

2 credits

Instruction in the correct use of drafting instruments and materials. Practice in lettering and dimensioning. Detail and assembly drawings of machine parts. Tracing in ink on cloth or paper of finished drawings. Six hours in the drafting room each week. Elective: 1, 2, 3, 4. F 1:10-6:00. Mr. Dean

Mechanical Drawing 2

Descriptive Geometry

2 credits

A study of the fundamental principles of descriptive geometry and their application to certain problems arising in engineering practice. Six hours in the drafting room each week. Prerequisite: Mechanical Drawing 1. Elective: 1, 2, 3, 4. Time to be arranged. Mr. Dean

YENCHING CROP IMPROVEMENT STATION

Shen Shou-tsuen, M. S.

Professor and Director of Experimental Project

Hsiang Ping-ch'uan, B. S.

Associate

Lu Wei-ming, B. S.

Associate

The work of this station is under the direction of the College of Agriculture of the University of Nanking, and the staff are members of the faculty of the University of Nanking and also of Yenching University.

Experimental work is being done on plant breeding and crop improvement, especially with respect to the fundamental grain crops of North China, such as kaoliang, wheat, and corn, with the purpose of developing new strains of improved grains and thus contributing to the resources of the farmers and the prevention of famine.

THE COLLEGE OF PUBLIC AFFAIRS

In addition to offering basic studies in political science, economics, and sociology, the College of Public Affairs has three main emphases: Rural Training, Contemporary Institutions, and International Relations.

In order to provide an integrated basis for future work, the College of Public Affairs requires all freshmen to take the following course which is a combination of the introductory courses in the three departments:

Social Science 1-2 Introduction to the Social Sciences 3-3 credits

Culture as human activity is analyzed from the dynamic point of view. While all aspects of culture are considered separately and in the proper relation, particular attention is given to the economic and political aspects, as they are the major forms of activity in modern society. Throughout the course the Chinese national community since the impact of Occidental culture will be the center of discussion. Descriptive materials and explanatory remarks on foreign cultures will be presented in so far as they throw light on contemporary changes in China. Elective: 1, 2. MWF 8:00.
Mr. Chao, Mr. Ku, and Mr. Yuan

RURAL TRAINING

For students who intend to participate in rural work, the following courses are offered:

Social Administration

Sociology 24	Rural Community	3 credits
Sociology 51	Population and Society	3
or		
Sociology 121	Human Demography	3
Sociology 53	Family and Society	3
Sociology 92	Comparative Social Institutions	3
Sociology 151	Principles of Social Reconstruction	3
Sociology 163	Social Administration	3
Sociology 166	Administration of Social Agencies	3
Sociology 191-192	Field Work	3-3

Cooperation and Rural Economics

Political Science 106	Land Law	3 credits
Economics 3-4	Principles of Economics	3-3

Economics 13-14	Public Finance	3-3 credits
Economics 31-32	First Year Accounting	3-3
Economics 41-42	Money and Banking	3-3
Economics 151-152	History and Principles of Cooperation	3-3
Sociology 24	Rural Community	3
<i>Local Government</i>		
Political Science 3-4	Principles of Political Science	3-3 credits
Political Science 25	Chinese Government	3
Political Science 37-38	Local Governments of Foreign States	3-3
Political Science 51-52	Administrative Law	3-3
Political Science 105	Elements of Criminal Law	3
Political Science 106	Land Law	3
Economics 3-4	Principles of Economics	3-3
Economics 13-14	Public Finance	3-

POLITICAL SCIENCE

Wu Ch'i-yü, Ph. D.	<i>Assistant Professor and Chairman</i>
*Shuhsi Hsü, Ph. D.	<i>Professor</i>
George E. Taylor, M. A.	<i>Tutor</i>
Hu Yü-chieh, J. D.	<i>Lecturer</i>
Ku Tun-jou, M. A.	<i>Lecturer</i>
Jamie Y. Loe, Ph. D.	<i>Lecturer (part-time)</i>
Rudolph Löwenthal, Ph. D.	<i>Lecturer (part-time)</i>

The object of the Department of Political Science is to provide students with a knowledge of political science that will enable them to serve the country efficiently either as private citizens or as civil servants. It offers work in both the undergraduate and postgraduate fields. In the former, requirements are based upon recommendations made by the Chinese Society of Political Science; in the latter, four subjects are emphasized: political institutions, local government, international relations, and civil law.

Special Requirements: Two credits in Chinese 31, Documentary Composition; six credits in Economics 3-4, Principles of Economics; six credits in jurisprudence, Political Science 91-92, Elements of Civil Law.

*On leave of absence, 1938-1939.

The Major: A student majoring in this department must take from 48 to 64 credits in political science including the following:

Political Science 3-4	Principles of Political Science	3-3 credits
Political Science 25	Chinese Government	3
Political Science 27 and 28	Government of Foreign States	3, 3
Political Science 51-52	Administrative Law	3-3
Political Science 75	Contemporary Political Thought	3
Political Science 111-112	International Law	3-3
Political Science 131, 134	Chinese Foreign Relations	3, 3
Political Science 148	Contemporary Diplomacy	3
Political Science 199-200	Senior Thesis	2-2

For the purposes of the major, courses in Political Science numbered 91 to 110, which were formerly in the Department of Jurisprudence, are considered as fulfilling the requirement of a correlated subject rather than as part of the major requirement.

Correlated Subject: From 16 to 24 credits. Philosophy 183-184, Western Social and Political Thinking, is particularly recommended.

It is suggested that each student submit to the chairman of the department a statement of the line of work he intends to pursue after graduation. Particular courses may then be required in order to prepare the student for work in an administrative, diplomatic, legal, or journalistic career.

For students who intend to participate in rural reconstruction after graduation, the following courses are recommended:

Political Science 3-4	Principles of Political Science	3-3 credits
Political Science 25	Chinese Government	3
Political Science 35-36	<i>Hsien</i> Government	3-3
Political Science 37-38	Local Government of Foreign States	3-3
Political Science 51-52	Administrative Law	3-3
Political Science 105	Elements of Criminal Law	3
Political Science 106	Land Law	3
Economics 11-12	Principles and Methods of Statistics	3-3
Economics 29-30	Chinese National Economy	3-3
Economics 141-142	Rural Economics	3-3
Sociology 24	Rural Community	3

- Political Science 2 Introduction to Political Science 3 credits
 A comprehensive study of the nature and scope of political science, the nature and the constituent elements of the state, types and forms of government, the organization and the relationships of the several branches of the government, and the fundamental principles of international relations. Elective: 1, 2. MWF 11:20. Mr. Löwenthal
- Political Science 3-4 Principles of Political Science 3-3 credits
 An advanced and more analytical study of the various subdivisions of political science. A number of selected readings of the leading treatises in political science and research on some special topics will form the more important part of the study. Elective: 2, 3. MWF 11:20. Mr. Loe
- Political Science 22 History of Chinese Political Institutions 3 credits
 A systematic study of the organization of the central and local governments of various dynasties with special emphasis upon the causes of their variations. Some of the significant and related changes in educational, military, legal, and economic systems may also be touched. Elective: 3, 4, 5. MWF 3:10. Mr. Ku
- Political Science 25 Chinese Government 3 credits
 A comprehensive survey of Chinese government and politics since the republican era. Emphasis will be placed on the study of the present structure of the nationalist government, the manner through which governmental functions have been discharged, and the nature of the constitutional draft just adopted. The government of the late Ch'ing Dynasty, the constitutional movement during the latter part of the same dynasty, and the constitutional history of the early part of the Republic will also come in for brief notice. Elective: 2, 3. MWF 3:10. Mr. Ku
- Political Science 27 Government of Foreign States A 3 credits
 A comprehensive and descriptive study of government and politics in England, France, the United States, and other democratic states of the world. Elective: 2, 3. MWF 10:20. Mr. Loe
- Political Science 28 Government of Foreign States B 3 credits
 A comprehensive and descriptive study of government and politics of the U.S.S.R., Italy, Germany, and other states which have set up one or another form of dictatorship. Elective: 2, 3. MWF 10:20. Mr. Loe
- Political Science 33 Political Parties and Public Opinion 3 credits
 Public opinion and political parties from the time of the French Revolution to the present. Elective: 2, 3, 4. TThS 8:00. Mr. Löwenthal

- Political Science 35-36 Hsien Government 3-3 credits
 This course will begin by treating such topics as the evolution of *hsien* government, its administrative system, its organization, the law and practice of local self-government, the problem of the judicial powers exercised by the *hsien* magistrate, and the various reforms recently made or proposed. It will next proceed to consider the activities of the *hsien*: education, police, militia, public welfare, public health, public works, local finance, and the administration of land laws. Elective: 3, 4, 5. MWF 9:20. Mr. Ku
- Political Science 37-38 Local Government of Foreign States 3-3 credits
 This course is designed to acquaint the student with the structure and functions of local government in some of the important states of the world. It includes such topics as the evolution of local institutions, the central-local relationship, the degree of local self-government, the constitution of local authorities, the influence of local politics, and the important proposals for reform. Special attention will be devoted to local finance and the administrative organization and activities relating to education, police, highways, public works, public health, and public assistance. Elective: 2, 3, 4. Not offered in 1938-1939. Mr. Ku
- Political Science 41 Municipal Government 3 credits
 This course deals with the general problems of city government. It will include a short history of municipal development; the relation of the city to the state; the electorate and the activities of political parties; and the governing organs of the city, their powers, their influence, and their relations to each other. Consideration will be given to the administrative functions of city government in a non-technical way. Elective: 3, 4, 5. Not offered in 1938-1939. Mr. Ku
- Political Science 51-52 Administrative Law 3-3 credits
 A study of Chinese administrative law on both the theoretical and practical sides. Comparison will occasionally be made with the administrative law of leading Western countries and Japan. Elective: 3, 4, 5. MWF 2:10. Mr. Hu
- Political Science 56 Public Administration 3 credits
 A study of the principles which should underlie the administrative branch of government, including its structure, functions, and relations to the executive and legislative departments. Elective: 3, 4, 5. Not offered in 1938-1939. Mr. Ku
- Political Science 61-62 History of Chinese Political Thought 3-3 credits
 Chinese political theories and their relation to the government of the

periods in which they were formulated. Elective : 3, 4, 5. Offered in alternate years. Not offered in 1938-1939. Mr. Ku

Political Science 71-72 History of Western Political Thought 3-3 credits

A study of political thought from the time of Roman lawyers down to the time of Rousseau, including Greek political philosophy. Elective : 3, 4, 5. Not offered in 1938-1939. Mr. Wu

Political Science 75 Contemporary Political Thought 3 credits

A study of political thought since the time of Rousseau to the present day. Elective : 3, 4, 5. Not offered in 1938-1939. Mr. Wu

Political Science 91-92 Elements of Civil Law 3-3 credits

This course treats of fundamental rules and principles applicable to the various parts of the Civil Code. Instructive and interesting cases will be discussed by way of illustration. Comparison with foreign laws or with Chinese law hitherto in force will be made whenever conducive to a thorough understanding of the subject. Elective : 2, 3. MWF 1:10. Mr. Hu

Political Science 93-94 Civil Law 3-3 credits

An advanced course in Civil Law, open only to students who have already completed Political Science 91-92. Elective : 3, 4, 5. Offered in alternate years. Not offered in 1938-1939. Mr. Hu

Political Science 97 Commercial Law 3 credits

The object of this course is to give a comprehensive exposition of the legal principles related to commercial transactions. Special attention will be devoted to mercantile contract, mercantile organization, admiralty, negotiable instruments, and insurance. Elective : 3, 4, 5. T 1:10-3:00, Th 1:10. Mr. Hu

Political Science 98 Conflict of Laws 3 credits

This course deals with (a) a body of general rules governing the application of foreign laws in national courts, (b) special provisions in treaties between China and foreign states which create exceptions to the general rules, and (c) Chinese law of nationality. Elective : 3, 4, 5. T 2:10-4:00, Th 2:10. Mr. Li

Political Science 105 Elements of Criminal Law 3 credits

A study of the principles embodied in the general provisions of the Criminal Code, including discussions on the decisions of and interpretations by the Supreme Court. Elective : 2, 3. Offered in alternate years. Not offered in 1938-1939. Mr. Hu

Political Science 106 Land Law 3 credits

Both theoretical and practical aspects of the Land Law of the Republic of China will be dealt with in this course. The theoretical part will emphasize the national policy with regard to the distribution and utilization of land. The practical part will deal with the application of the rules and procedures of this law. Elective : 3, 4, 5. Not offered in 1938-1939. Mr. Hu

Political Science 110 Elements of Law of Procedure 3 credits

This course will give the principles and application of the existing Chinese Codes of Civil and Criminal Procedure. Elective : 3, 4. Offered in alternate years. Not offered in 1938-1939. Mr. Hu

Political Science 111-112 International Law 3-3 credits

The historical development and practical application of the rules governing the intercourse of nations at the present day. Two lectures on principles and one conference on cases weekly. Elective : 3, 4, 5. TThS 9:20. Mr. Wu

Political Science 131 Chinese Foreign Relations A 3 credits

This course deals with problems arising from relations with the Maritime Powers. Elective : 3, 4, 5. TThS 10:20. Mr. Wu

Political Science 134 Chinese Foreign Relations B 3 credits

This course deals with problems arising from the balance of power in the Far East. Elective : 3, 4, 5. TThS 10:20. Mr. Wu

Political Science 135 Chinese Foreign Relations C 3 credits

This course deals with questions concerning Mongolia, Chinese Central Asia, Tibet, and the southwestern provinces. Elective : 3, 4, 5. Offered in alternate years. Not offered in 1938-1939. Mr. Wu

Political Science 145 History of Western Diplomacy 3 credits

The historical background of the foreign policies of the Western Powers and the development of methods of conducting official relations among modern governments. Elective : 3, 4, 5. Offered in alternate years. Not offered in 1938-1939. Mr. Wu

Political Science 148 Contemporary Diplomacy 3 credits

The development of the international situation since 1871 and the attitude and policies of the Powers in dealing with each crisis. Elective : 3, 4, 5. Not offered in 1938-1939. Mr. Wu

periods in which they were formulated. Elective : 3, 4, 5. Offered in alternate years. Not offered in 1938-1939. Mr. Ku

Political Science 71-72 History of Western Political Thought 3-3 credits

A study of political thought from the time of Roman lawyers down to the time of Rousseau, including Greek political philosophy. Elective : 3, 4, 5. Not offered in 1938-1939. Mr. Wu

Political Science 75 Contemporary Political Thought 3 credits

A study of political thought since the time of Rousseau to the present day. Elective : 3, 4, 5. Not offered in 1938-1939. Mr. Wu

Political Science 91-92 Elements of Civil Law 3-3 credits

This course treats of fundamental rules and principles applicable to the various parts of the Civil Code. Instructive and interesting cases will be discussed by way of illustration. Comparison with foreign laws or with Chinese law hitherto in force will be made whenever conducive to a thorough understanding of the subject. Elective : 2, 3. MWF 1:10. Mr. Hu

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An advanced course in Civil Law, open only to students who have already completed Political Science 91-92. Elective : 3, 4, 5. Offered in alternate years. Not offered in 1938-1939. Mr. Hu

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Political Science 98 Conflict of Laws 3 credits

This course deals with (a) a body of general rules governing the application of foreign laws in national courts, (b) special provisions in treaties between China and foreign states which create exceptions to the general rules, and (c) Chinese law of nationality. Elective : 3, 4, 5. T 2:10-4:00, Th 2:10. Mr. Li

Political Science 105 Elements of Criminal Law 3 credits

A study of the principles embodied in the general provisions of the Criminal Code, including discussions on the decisions of and interpretations by the Supreme Court. Elective : 2, 3. Offered in alternate years. Not offered in 1938-1939. Mr. Hu

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Both theoretical and practical aspects of the Land Law of the Republic of China will be dealt with in this course. The theoretical part will emphasize the national policy with regard to the distribution and utilization of land. The practical part will deal with the application of the rules and procedures of this law. Elective : 3, 4, 5. Not offered in 1938-1939. Mr. Hu

Political Science 110 Elements of Law of Procedure 3 credits

This course will give the principles and application of the existing Chinese Codes of Civil and Criminal Procedure. Elective : 3, 4. Offered in alternate years. Not offered in 1938-1939. Mr. Hu

Political Science 111-112 International Law 3-3 credits

The historical development and practical application of the rules governing the intercourse of nations at the present day. Two lectures on principles and one conference on cases weekly. Elective : 3, 4, 5. TThS 9:20. Mr. Wu

Political Science 131 Chinese Foreign Relations A 3 credits

This course deals with problems arising from relations with the Maritime Powers. Elective : 3, 4, 5. TThS 10:20. Mr. Wu

Political Science 134 Chinese Foreign Relations B 3 credits

This course deals with problems arising from the balance of power in the Far East. Elective : 3, 4, 5. TThS 10:20. Mr. Wu

Political Science 135 Chinese Foreign Relations C 3 credits

This course deals with questions concerning Mongolia, Chinese Central Asia, Tibet, and the southwestern provinces. Elective : 3, 4, 5. Offered in alternate years. Not offered in 1938-1939. Mr. Wu

Political Science 145 History of Western Diplomacy 3 credits

The historical background of the foreign policies of the Western Powers and the development of methods of conducting official relations among modern governments. Elective : 3, 4, 5. Offered in alternate years. Not offered in 1938-1939. Mr. Wu

Political Science 148 Contemporary Diplomacy 3 credits

The development of the international situation since 1871 and the attitude and policies of the Powers in dealing with each crisis. Elective : 3, 4, 5. Not offered in 1938-1939. Mr. Wu

Political Science 152 Foreign Policy 3 credits

This course deals with the causes and objectives of the foreign policy of states, the strategy of peace, and the strategy of war. Elective: 4, 5. Not offered in 1938-1939. Mr. Wu

Political Science 159-160 Seminar in International Law and Diplomacy 1-1 credits

This course is designed for postgraduate students of the department, to guide them in their study of those aspects of international law and diplomacy not covered in the courses given in the current year. Not offered in 1938-1939. Mr. Wu

Political Science 199-200 Senior Thesis 2-2 credits

ECONOMICS

Gideon Ch'en, B. A.	<i>Professor and Chairman</i>
Yuan Wen-p'u, Ph. D.	<i>Professor</i>
Miss Augusta Wagner, Ph. D.	<i>Assistant Professor</i>
Michael Lindsay, M. A.	<i>Tutor</i>
Cheng Lin-chuang, M. A.	<i>Lecturer</i>
Kuo Jui-chang, M. A., M. B. A.	<i>Lecturer</i>
Chao Hsi-yü, M. S.	<i>Lecturer (part-time)</i>
Mrs. Tung P'u Yueh-ch'iung, M. A.	<i>Lecturer (part-time)</i>
Li Te-hsin, B. A.	<i>Research Assistant</i>
Yang Jen-chih, B. A.	<i>Research Assistant</i>
Chou Shun-hsin, B. A.	<i>Assistant (part-time)</i>

The Department of Economics aims at giving a thorough understanding of the nature and methods of economics as a social science and of the economic movements of the present day. This latter field involves study of economic life and social structure in China itself and of the wider movements which are impinging upon her. Within this wide and varied field special attention is paid to rural economics and cooperation on the one hand and banking and accounting on the other.

The emphasis on the fundamental courses is to be strengthened in connection with the organization of a course preparing men for responsible administrative posts in government and industry, but paying much attention

to economic conditions, social structure, and national, including rural, reconstruction in this country.

In all courses the students are required to observe the field of study at first hand and are prepared to do original work by being set to study some local conditions or to collect and organize data in some new field. For those taking rural economics, "laboratory" work is provided in the nearby villages especially in connection with cooperatives. The accounts of these cooperatives and their auditing afford some practical experience for the accounting courses.

Special Requirements: Students are strongly advised to take Sophomore English.

The Major: From 42 to 68 credits in economics, including the following required courses:

Social Science 1-2	Introduction to Social Sciences	3-3 credits
Economics 3-4	Principles of Economics	3-3
Economics 5-6	History of Economic Thought	3-3
Economics 11-12	Principles and Methods of Statistics	3-3
Economics 21-22	Economic History	3-3
Economics 29-30	Chinese National Economy	3-3
Economics 31-32	First Year Accounting	3-3
Economics 199-200	Senior Thesis	2 to 6

One course in social economics: Rural Economics, Cooperation, or Social Legislation.

Correlated Subjects: From 16 to 24 credits in philosophy, psychology, political science, sociology, or history, chosen in consultation with the chairman.

Economics 1 or 2 Introduction to Economics 3 credits

An introductory course designed to give students who are not majoring in economics a knowledge of the fundamental concepts of economics in relation to Chinese conditions. Elective: 1, 2, 3. MWF 11:20. Miss Wagner

Economics 3-4 Principles of Economics 3-3 credits

This course covers the ground included in the standard textbooks, giving a general account of the principles underlying economic activity and is prerequisite for nearly all advanced courses in the department. Students

receiving a grade below 5 in this course are not permitted to major in economics. Prerequisite: Social Science 1-2. Elective: 2. TThS 8:00.

Mr. Yuan

Economics 5-6 History of Economic Thought 3-3 credits

A study of the development of economic thought from the time of the Mercantilists to the present. Prerequisite: Economics 3-4. Elective: 4. MWF 8:00. Miss Wagner

Economics 11-12 Principles and Methods of Statistics 3-3 credits

Both elementary principles of statistics and statistical methods will be dealt with in this course with special emphasis on their application to the quantitative study of Chinese social and economic phenomena. Prerequisite: Economics 3-4. Elective: 3, 4. MW 3:10, F 3:10-5:00.

Mr. Cheng

Economics 13-14 Public Finance 3-3 credits

A general study of the citizen's relation to the government in its fiscal aspects, including an analysis of the leading principles and practices of public finance, special emphasis being laid on the trend of recent development. Prerequisite: Economics 3-4. Elective: 3, 4. TThS 9:20.

Mr. Yuan

Economics 21-22 Economic History 3-3 credits

A comparative study of modern economic development in the West with special emphasis upon changes in rural economy, transportation, and manufacture. The aim of the course is to furnish an historical background for the understanding of dynamic economic institutions, problems, and thought, and to provide a basis for comparison with Chinese economic conditions. Prerequisite: Social Science 1-2. Elective: 2, 3, 4. MWF 10:20.

Mrs. Tung

Economics 25-26 Modern Economic Development in China 2-2 credits

Factors influencing economic development in modern times; recent changes in economic institutions and economic life; their social and economic consequences. Prerequisite: Economics 21-22. Elective: 3, 4. MWF 10:20. Mr. Ch'en

Economics 29-30 Chinese National Economy 3-3 credits

An introductory course designed to give the student basic knowledge of the foundations of Chinese economy, treated from the standpoint of developing a national system. Prerequisite: Social Science 1-2. Elective: 2, 3. MWF 11:20. Mr. Ch'en

Economics 31-32 First Year Accounting 3-3 credits

This course aims to lay a solid foundation in the principles of accounting through the medium of lectures, assigned readings, and laboratory work. Prerequisite: Social Science 1-2 or Economics 1. Elective: 2, 3. MW 3:10-5:00. Mr. Chao

Economics 33-34 Advanced Accounting and Auditing 3-3 credits

This course aims to train the student in the advanced theory and practice of accounts with particular emphasis on managerial problems from the standpoint of financing, organization, and analysis of accounts. Extensive study will be made through assigned readings. A series of problems, covering various phases, will be solved by the student. Prerequisite: Economics 31-32. Elective: 3, 4. MWF 1:10. Mr. Chao

Economics 37 Business Organization and Management 3 credits

A course dealing with the principles and technique underlying the successful organization and management of business activities, including executive problems, management problems, planning and developing the organization, department functions, selection and training of personnel, incentives, and control methods. Prerequisite: Economics 3-4. Elective: 3, 4. MWF 10:20. Mr. Kuo

Economics 38 Corporation Finance 3 credits

The principles and practices used in financing the corporation; legal aspects of the corporation; promotion; contribution of promoter and banker; financial plans of different types of corporations. Prerequisite: Economics 3-4. Elective: 3, 4. MWF 10:20. Mr. Kuo

Economics 41-42 Money and Banking 3-3 credits

A first course in the general principles of money, banking, and credit. The currency and banking system of China and possibly of leading foreign powers will be studied. Prerequisite: Economics 3-4. Elective: 3, 4. MWF 2:10. Mr. Kuo

Economics 44 Monetary Theories and Problems 3 credits

An analytical study of contemporary credit theories; a brief discussion of the currency problems that are facing individual powers and the world at large; and a detailed treatment of the currency and banking problems of China in particular. Prerequisite: Economics 41-42. Elective: 4. Offered in alternate years. Not offered in 1938-1939. MWF 1:10.

Economics 48 Foreign Exchange 3 credits

The classical theories of international exchange and the organization and financial practices of the London Exchange Market will first be studied as

a basis for further discussion. The mechanism and detailed working of the Chinese exchange markets, both before and after China's departure from the silver standard, will form the main topics of study. The multifarious measures of exchange control that have been put into operation in various countries since the recent breakdown of the gold standard will also be discussed. Prerequisite: Economics 3-4 and 4I-42. Elective: 3, 4. Not offered in 1938-1939. TThS 10:20.

Economics 71-72 International Trade 3-3 credits

This course deals with the theory of international trade; foreign exchange; foreign investments; international prices; control of international trade—subsidies, quotas, exchange restrictions, tariffs; an historical review of China's foreign trade with special emphasis on present day problems. It deals also with the international competition for markets and raw materials, and with the related problems of dumping, and of monopoly through cartels and combines. Prerequisite: Economics 3-4. Elective: 3, 4. Offered in alternate years. Not offered in 1938-1939. MWF 9:20.

Miss Wagner

Economics 141-142 Rural Economics 3-3 credits

This course attempts to apply economic principles in a comparative study and analysis of China's rural economy and of the problems of its reconstruction. Students are required to observe conditions at first hand. Prerequisite: Social Science 1-2 or Economics 1 or 3-4. Elective 3, 4. MWF 9:20.

Mr. Cheng

Economics 151-152 History and Principles of Cooperation 3-3 credits

A survey of the cooperative movement in Europe and Asia, its essential characteristics, its adaptation to differing social and economic conditions, its place in the economic system, and its contribution to economic planning. Prerequisite: Social Science 1-2 or Economics 1. Elective: 3, 4. MWF 11:20.

Mr. Cheng

Economics 199-200 Senior Thesis 2 to 6 credits

For thesis requirements students should consult the chairman of the department.

SOCIOLOGY AND SOCIAL WORK

Chao Ch'eng-hsin, Ph.D.

*Assistant Professor and Chairman
Professor*

*Wu Wen-tsao, Ph.D.

Assistant Professor

Yang K'un, Ph.D.

Lecturer

*Miss Kit-king Lei, M.A.

Lecturer

*Li An-che, B.A.

Lecturer (part-time)

Mrs. Cheng Kuan Jui-wu, M.A.

Lecturer (part-time)

Hsiao Cheng-yi, M.A.

Instructor

Huang Ti, M.A.

Assistant (part-time)

Hsü Tsu-chia, B.A.

Miss Augusta Wagner, Ph.D.

Assistant Professor of Economics

The functions of the department are: to provide courses fundamental to the understanding of human society at large and Chinese society in particular; to prepare students for administrative work in private and public social welfare agencies; to prepare students for research work in sociology; and to offer field opportunities to graduate students to carry on research work in community studies. In order to fulfil these general and special tasks, the courses of the department are divided into five groups: basic courses, factors and aspects of social life, theory and methodology, social administration, and ethnography.

The Major: No student will be accepted as a major student unless he has obtained a grade of at least 5 in either Social Science 1-2, Introduction to the Social Sciences, or Sociology 1, Introduction to Sociology, and also an average grade of 5 for the two required basic courses in the sophomore year.

A major student must take at least 46 credits including:

15 credits in the group of basic courses, including six credits in Social Science 1-2.

12 credits in Factors and Aspects of Social Life.

15 credits in Theory and Methodology, including six credits in Sociology 115-116, Social Statistics.

4 credits in the senior thesis.

Additional requirements: For concentration in Social Administration: 15 credits in Social Administration including six credits in field work.

*On leave of absence, 1938-1939.

For concentration in Sociological Research: 15 credits from the second and third groups, including Sociology III-II2, Contemporary Sociological Theories, and field research.

Correlated Subjects: From 16 to 24 credits in philosophy, psychology, history, education, economics, or political science, chosen in consultation with the chairman.

BASIC COURSES

- Sociology 1 Introduction to Sociology 3 credits
An orientation course open to all students. The purpose is to give a perspective of human society. The first part of the course deals with different aspects of human society and their interrelationships, showing how society is integrated, disintegrated, and reintegrated. The social change in China after contact with the West is the center of discussion. The second part deals with the field of sociology and its relation to both biological and social sciences. Elective: 1, 2. MWF 11:20. Mr. Huang
- Sociology 21 Primitive Community 3 credits
This course is intended to help the student of social sciences to acquire an anthropological perspective. The emphasis is upon the social aspects of primitive life. A comparison is made of data on primitive society with those pertaining to civilized communities. Elective: 2, 3, 4. MWF 10:20. Mr. Yang
- Sociology 24 Rural Community 3 credits
A theoretical analysis of the rural community, the nature of its structure and changes. A comparison is made of data on Chinese agricultural villages with those pertaining to agricultural communities of foreign lands. Elective: 2, 3, 4. MWF 11:20. Mr. Chao
- Sociology 26 Urban Community 3 credits
The rise of metropolitan communities and its meaning for the integration of the world community. The process of urbanization and the ecological, demographic, and institutional structure of the metropolitan community. The nature of urban ways of living together, urban social changes, and urban problems. City planning and the general problem of urban social control. Elective: 2, 3, 4. MWF 10:20. Mr. Huang
- Sociology 31 Comparative Study of Human Societies 3 credits
A systematic treatment of human society from the developmental and functional points of view. The development of sociology as a science and its general methodology. Elective: 3, 4, 5. Not offered in 1938-1939.

FACTORS AND ASPECTS OF SOCIAL LIFE

- Sociology 51 Population and Society 3 credits
A critical review of existing population theories including the Malthusian doctrine and the optimum theory. The presentation of a fresh view on population from the community's standpoint. Special reference is made to population questions in the Pacific Area. Elective: 3, 4, 5. MWF 2:10. Mr. Chao
- Sociology 53 Family and Society 3 credits
Methods of inquiry; the psychological and ethnological aspects of the family; evolution of the Chinese patriarchal family system; modern social conditions reacting upon the Chinese family; family disorganization and reorganization. Elective: 3, 4, 5. MWF 2:10. Mr. Yang
- Sociology 56 Economy and Society 3 credits
This course attempts to analyze relations and interactions between economic structure and different aspects of social life in order to demonstrate that society is an organic and functional whole. It surveys the different social backgrounds which give rise to different economic structures and shows how in turn different economic systems condition other aspects of social life such as government, family, religion, law, education, art and literature, philosophy, and science. Elective: 3, 4. Not offered in 1938-1939.
- Sociology 57 Law and Social Order 3 credits
This course attempts to analyze relations and interactions between law and the different factors of social order. Crime in relation to social change and disorder will be studied with the view of understanding the mechanism of social control. Elective: 3, 4, 5. Not offered in 1938-1939.
- Sociology 59 or 60 Comparative Religion 3 credits
The developmental and functional approach to religion; religion as an attitude toward life and nature; religion as a social institution; various forms of beliefs in different cultures. Elective: 3, 4, 5. Not offered in 1938-1939.
- Sociology 70 Culture Contact and Social Change 3 credits
The sociology of invention and social change: culture contact as a factor of social change; the invasion of China by the Western world as an illustration of relations between culture contact and social change. Elective: 3, 4. TThS 8:00. Mr. Huang

Sociology 77 The Child in Society 3 credits

A study of the principles of child welfare and of the problems involved in meeting social obligations to childhood, child mortality, child health, child training and education, the dependent child, child labor, and juvenile delinquency. Elective: 3, 4. Not offered in 1938-1939.

Sociology 80 Women in Society 3 credits

Women in the family and society; women in relation to production and reproduction; education and the emancipation of women; the feminist movement and social change. Elective: 3, 4. Not offered in 1938-1939.

Sociology 92 Comparative Social Institutions 3 credits

A pro-seminar course for advanced students in sociology. Students are required to make original studies and participate in discussions on the development of major institutions in human society. Elective: 4, 5. Not offered in 1938-1939.

THEORY AND METHODOLOGY

Sociology 111-112 Contemporary Sociological Theories 3-3 credits

A systematic and critical analysis of the more important sociological theories from Comte and Spencer to the present time, from the standpoint of their scientific validity and of the national and personal backgrounds of their authors. The types of theories considered in the course include the geographical, the biological, the psychological, the cultural, and other schools. Elective: 3, 4, 5. T 10:20, Th 10:20-12:10. Mr. Yang

Sociology 115-116 Social Statistics 3-3 credits

The application of statistical methods to the analysis of social data; central tendencies, variations, correlations, probability, and index number; statistical methods and social survey; statistical methods and sociological research. Elective: 2, 3, 4. MW 3:10, F 3:10-5:00. Not offered in 1938-1939.

Note: In years when this course is not offered students take Economics 11-12 instead.

Sociology 121 Human Demography 3 credits

This course gives an introduction to vital statistics, including methods of collecting, tabulating, and analyzing statistical data. Special emphasis is given to census development in China. Lectures are followed by laboratory exercises. Elective: 3, 4. Not offered in 1938-1938.

Sociology 123 or 124 An Introduction to the Technique of Sociological Investigation 3 credits

A systematic presentation of sociological field technique in community studies; a critical review of case methods and statistical measurement in

sociological investigations; an examination of contemporary surveys of Chinese social life. Students participate in field investigation. Elective: 3, 4. Not offered in 1938-1939.

Sociology 131-132 Seminar in Sociology and Anthropology 3-3 credits

The content of this course varies from year to year. Students must secure the permission of the instructor before registering. Elective: 4, 5. Not offered in 1938-1939.

Sociology 133-134 Journal Club 1-1 credits

Individual reports on articles in current sociological journals. Elective: 4, 5. Not offered in 1938-1939.

Sociology 135-136 Field Research 3-3 credits

An individual research project in the field, planned and carried out by the student but approved and supervised by the instructor. From six to eight hours field work required each week in addition to a conference with the instructor. Elective: 4, 5. Mr. Yang and Mr. Huang

SOCIAL ADMINISTRATION

Sociology 151 or 152 Principles of Social Reconstruction 3 credits

The place of ideology and utopia in social reconstruction; the sociological nature of social movements; special emphasis on rural movements in China. Elective: 3, 4, 5. Not offered in 1938-1939.

Sociology 155 Social Legislation 3 credits

This course traces the origin and development of social legislation, with special emphasis on the application and effect of the laws for the abolition of poverty, slavery, vagabondage, and mendicancy, laws dealing with social insurance, including old age pensions and unemployment, laws for the suppression of vices such as gambling, prostitution, and the opium traffic, marriage and divorce laws, housing laws related to public health. Elective: 3, 4. TThS 10:20. Miss Wagner

Sociology 161 Social Disorganization 3 credits

This course seeks to examine the comparatively general nature of social disorganization in different types of cultures and to analyze under what condition and by what process social disorganization originates, develops, and leads to social reorganization. Elective: 2, 3. TThS 8:00. Mr. Huang

Sociology 163 Social Administration 3 credits

An introductory course presenting a general view of the entire field of social administration. Systematic consideration will be given to the major problems attacked by social administrators. Principles of social administration will be reviewed from the sociological point of view. Elective: 2, 3. Not offered in 1938-1939.

- Sociology 166 Administration of Social Agencies 3 credits
 The purpose of this course is to give students an intelligent knowledge of the principal problems involved in administering a social agency, to help them to develop the ability to handle the problems which they will later meet if they enter into social work, and to help them to cooperate intelligently as members of an organization staff. A comparative study will be made of social agencies in Peking through excursions, reports, and discussion. Elective: 3, 4. TThS 9:20. Mrs. Cheng
- Sociology 168 Case Work Methods 3 credits
 Development of the principles and methods in modern case work; examination of actual case records as applicable to medical, family, or child welfare, and other forms of public or private social service; the study of interviewing and case studies as fundamental to community organization and research. Elective: 3, 4. Not offered in 1938-1939.
- Sociology 172 Group Work 3 credits
 This course seeks to examine the natural social groupings into which persons tend to separate themselves and the use which may be made of these groups by leaders of boys' and girls' clubs, or for the purpose of character education. It is primarily a methods course for leaders of youth groups. Field work in the Peking region will be provided. Elective: 3, 4. Not offered in 1938-1939.
- Sociology 173 or 174 Prison Work 3 credits
 The theories of punishment, modern penal institutions, and the machinery of justice. Field work in the Peking region will be provided. Elective: 3, 4. Not offered in 1938-1939.
- Sociology 191-192 Field Work 3-3 credits
 Supervised practical field work arranged to meet the needs of the individual student as far as opportunities permit. Six hours of field work each week for two semesters. The instructor should be consulted concerning evaluation of work and the allowance for travel. Elective: 4, 5. Mrs. Cheng
- Sociology 199-200 Senior Thesis 2-2 credits
 ETHNOGRAPHY
- Sociology 211 Rural Communities in Japan 3 credits
 A general survey of the structure and changes of agricultural villages in Japan before and since the Meiji Reformation. Elective: 2, 3, 4. MWF 10:20. Mr. Hsiao
- Sociology 212 Social Changes in Japan 3 credits
 A general survey of the factors and aspects of social changes in Japan since the Meiji Reformation. Elective: 2, 3, 4. MWF 10:20. Mr. Hsiao

HONORS DEGREE IN SOCIAL STUDIES

Gideon Ch'en, B.A. Director and Tutor in Economic History and Organization
 Michael Lindsay, M.A. Tutor in Economics and Philosophy
 George E. Taylor, M.A. Tutor in Political Science and History

A tutor in political science and sociology is about to be appointed.

Entrance Requirements: Students are accepted for the Honors Degree who have completed one year of study in Yenching University and who have passed examinations in English and Chinese held towards the close of the freshman year. Interviews by the tutors and academic standing are also taken into consideration.

Method of Teaching: Teaching is carried out through tutorials and seminars. The student takes no more than two seminars at any one time. For each seminar of two hours per week, there is one hour of tutorial.

Honors Degree: The Honors Degree is a combination of politics, economics, and philosophy. The work is divided into two parts. The first, which is the same for all students, consists of eight main papers and occupies the sophomore and junior years. To prepare for these papers the students attend eight seminars, in Philosophy and Scientific Method, Principles of Sociology and Politics, Ethical and Political Theory, Economic Theory, Social and Political Institutions, Economic Organization, Chinese Modern Political History, Comparative Social and Economic History.

The final year consists of a thesis and three papers. The student is allowed to concentrate on one general field. The papers the student may choose from are: Currency and Public Finance, Planned Economy, Statistics and the Theory of Probability, the Economic Organization of China, Japanese Civilization, Modern Political Institutions, Diplomatic History, Public Administration, Social Legislation, Social and Economic History of China, Population Problems and Migration, and Methodology of the Social Sciences.

Special Requirements: Work in English grammar, by arrangement with the Department of Western Languages, is taken during the sophomore year. Students are also allowed to take other courses offered in the University, the number of such courses to depend upon the advice of the tutors.

Examinations: There are two examinations, a general examination at the end of the junior year and a special examination at the end of the senior year. Each paper will take three hours and will consist of from ten to fifteen questions of which candidates will be expected to answer three or four.

DIVISION OF PHYSICAL EDUCATION

The University requirement in physical education for every student is two hours a week for three years. The aim of the required physical education program is not only to develop motor skills and team play, but also to develop wholesome attitudes and habits of health and conduct which should be of value throughout life.

A wide range of facilities makes possible many kinds of games and sports in which all students may participate.

DIVISION FOR MEN

K. A. Wee, Ph. D.
Robert Y. Chao, B. S.
Lin Ch'i-wu, M.A.
Liao Fu, B.A.
Kuan Yü-shan, B.S.
Ts'ui Yü-pin, B.S.

Director
Associate Director

Physical Education 11-12 Freshman Physical Education 1-1 credit
MW 11:20 Section A; MW 3:10 Section B; TTh 10:20 Section C; TTh 11:20 Section D; TTh 3:10 Section E; W 9:20, F 10:20 Section F. Section W for students who are not allowed by the University physician to take regular work.

Physical Education 21-22 Sophomore Physical Education 1-1 credit
Prerequisite: Physical Education 11-12. MF 7:00 a.m. Section A; MF 9:20 Section B; MF 2:10 Section C; TTh 7:00 a.m. Section D; TTh 9:20 Section E; TTh 2:10 Section W.

Physical Education 31-32 Junior Physical Education 1-1 credit
Prerequisite: Physical Education 11-12 and 21-22. T 11:20, F 11:20 Section A; MW 11:20 Section B; TTh 7:00 a.m. Section C; TTh 2:10 Section D; W 7:00-9:00 a.m. Section E.

DIVISION FOR WOMEN

Miss Mary G. Brandt, M.A.
Mrs. Ruth Huie Chou
Miss Liu Ping-sheng, B.A.

Director
Assistant Director

Every student must take six credits of physical education, three to be chosen as follows: one credit in team games, one in individual sports, and one in dancing.

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Physical Education T 1 Team Games 1 credit
Field hockey and volley ball.

Physical Education T 2 Team Games 1 credit
Basketball and playground ball.

Physical Education S 1 Individual Sports 1 credit
Tennis, archery, shuffleboard, deck tennis, and ice skating.

Physical Education S 2 Individual Sports 1 credit
Badminton, ping pong, tenikoits, archery, and paddle tennis.

Physical Education D 1 Beginners' Dance Technique and Composition 1 credit

The aim of this course is to teach fundamental body techniques and rhythmic forms and to give the students the experience of using these techniques in their own compositions with emphasis on group patterns.

Miss Brandt

Physical Education D 2 Advanced Dance Technique and Composition 1 credit

Prerequisite: Physical Education D 1 or F1 or F2. Miss Brandt

Physical Education F 1 Folk Dancing 1 credit
This course includes dances of European countries, England, and America.

Miss Brandt

Physical Education F 2 Folk Dancing 1 credit
A course similar to Physical Education F1 but offering different dances.

Miss Brandt

Physical Education C Corrective Exercises 1 credit
A course for students who have postural defects which can be improved by proper exercises.

Miss Brandt

Physical Education M Modified Program 1 credit
A special program is provided for students who are physically unable to participate in the regular program.

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SPECIAL PROGRAMS OF STUDY

PRE-ENGINEERING PROGRAM

Earl O. Wilson, Sc. D.

Adviser

Although Yenching University is not able to offer a degree in engineering, students who wish to pursue this line will be given every opportunity to prepare for entrance to advanced classes in recognized engineering colleges. A student who completes a well planned four-year course at Yenching should be able in two additional years to obtain a degree in engineering from the best institutions abroad.

PREMEDICAL PROGRAM

Miss Alice M. Boring, Ph. D.

Adviser

Students who wish to prepare for the study of medicine may register for a specific group of courses in the College of Natural Sciences which will prepare them for entrance to medical school. Yenching University will grant the degree of Bachelor of Science to students who have satisfactorily completed three years at Yenching in the Department of Biology and the first year of the medical course at Peking Union Medical College.

PRENURSING PROGRAM

Miss Augusta Wagner, Ph. D.

Adviser

The degree of Bachelor of Arts or Bachelor of Science is granted to students who satisfactorily complete three years at Yenching University and the first two years of the course in nursing at the School of Nursing of the Peking Union Medical College. Students preparing for this degree do not have a major subject but take instead a sequence of related courses in any two of the following departments: Biology, Chemistry, Economics, Education, History, Home Economics, Psychology, Sociology.

THE GRADUATE YÜAN

From 1918 to 1935 a large number of students pursued advanced studies in twelve departments of the University under the administration of a Committee on Graduate Studies.

In 1935 the Graduate Yüan was formally inaugurated following the registration with the Ministry of Education. It consists of three Research Institutes with the four divisions of History, Chemistry, Biology, and Political Science. In addition postgraduate work is offered in the departments of Chinese, Education, Philosophy, Physics, Psychology, and Sociology, without leading to a government degree.

Entrance Examination. Students desiring to do postgraduate research in the Graduate Yüan must pass the entrance examination for graduates before they can be admitted.

Period for Research. A graduate student must spend at least two years in the University in working for a degree. During this period he must spend his full time in residence. Under special circumstances and with the approval of the Executive Committee of the Graduate Yüan, he may be advised to pursue his studies in the field. If for any reason a suspension of studies is necessary the student may apply to the Dean for leave of absence. Such a leave of absence shall in no case exceed three years.

Course Work. A graduate student may elect or may be required by his advisor to take certain courses.

Comprehensive Examination. At the end of the first year of graduate study the student is required to pass a comprehensive examination in the general field of his research.

Graduate Thesis. The graduate thesis must be written in Chinese with an abstract in English. Three copies of the thesis and the abstract should be submitted before May 1 through the adviser to the Dean to be read by an Advisory Committee. No thesis or part of a thesis may be published without the permission of the Dean and the chairman of the major division.

Graduate Examination and Degree. When the thesis and abstract are accepted by the Advisory Committee, the candidate will be permitted to come up for the Graduate Examination consisting of two parts: an examination in the

subject and an examination on the thesis. The subject examination may be written or oral or both; the thesis examination will be oral. If the student passes both examinations satisfactorily, he will be recommended to the Ministry of Education as a candidate for the degree of Master of Arts or Master of Science.

EXECUTIVE COMMITTEE

Luh Chih-wei, Ph. D., *Dean of the Graduate Yuan*
William Hung, M.A., S.T.B., D.D., *Director, Research Institute of Arts and Letters*
Chenfu F. Wu, Ph. D., *Director, Research Institute of Natural Sciences*
Wu Ch'i-yü, Ph. D., *Acting Director, Research Institute of Public Affairs*
William H. Adolph, Ph. D.,
Kuo Shao-yü
Chao Ch'eng-hsin, Ph. D.

RESEARCH INSTITUTE OF ARTS AND LETTERS

DIVISION OF HISTORY

William Hung, M.A., S.T.B., D.D., Chairman
Technique of Historical Research
Bibliography

Philippe de Vargas, Ph. D.
Western History
History of Christianity

Jung Keng
Archaeology
Epigraphy

Teng Chih-ch'eng
Medieval History of China
History of Chinese Political and Economic Systems

Chang Er-t'ien
Medieval History of China
History of Chinese Literature

Ch'i Ssu-ho, Ph. D.
Ancient History of China
Western History

RESEARCH INSTITUTE OF NATURAL SCIENCES

DIVISION OF CHEMISTRY

William H. Adolph, Ph.D., Chairman
Biochemistry

Stanley D. Wilson, Ph.D.
Organic Chemistry

Earl O. Wilson, Ph.D.
Industrial Chemistry

Norman C. C. Li, Ph.D.
Theoretical Chemistry

DIVISION OF BIOLOGY

Chenfu F. Wu, Ph.D., Chairman
Invertebrate Zoology
Entomology

Miss Alice M. Boring, Ph.D.
Animal Biology and Zoogeography
Comparative Anatomy of the Vertebrates

Li Ju-ch'i, Ph.D.
Experimental Biology
Genetics and Heredity

RESEARCH INSTITUTE OF PUBLIC AFFAIRS

DIVISION OF POLITICAL SCIENCE

Wu Ch'i-yü, Ph.D., Chairman
International Law
Chinese Foreign Relations
Contemporary Diplomacy
Political Thought

Ku Tun-jou, M.A.
Chinese Government
Government of Modern States
Hsien Government
Municipal Government
Local Government of Modern States

Hu Yü-chieh, J.D.
Civil Law

OTHER DEPARTMENTS OFFERING GRADUATE WORK

The following list indicates the fields in which members of the faculty will supervise the work of graduate students who are candidates for a University degree.

DEPARTMENT OF CHINESE

Kuo Shao-yü, Chairman
Historical Criticism
History of Chinese Literature

Jung Keng
Archaeology
Epigraphy

Ku Sui, B.A.
Chinese Literature
History of Chinese Literature

DEPARTMENT OF PHILOSOPHY

Chang Tung-sun, Chairman
History of Chinese Philosophy
Ancient Chinese Philosophy

Lucius C. Porter, M.A., L.H.D.
History of Philosophy

DEPARTMENT OF PSYCHOLOGY

Luh Chih-wei, Ph. D., Chairman
Thinking and Memory
Thought and Language

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Randolph C. Sailer, Ph. D.
Personality

Lin Chia-t'ung, Ph. D.
Psychological Statistics

DEPARTMENT OF EDUCATION

Chou Hsüeh-chang, Ph. D., Chairman
Tests in Education
Experiments in Education
Middle School Education

Howard S. Galt, Ed. D.
Philosophy of Education
Sociological Aspects of Education
Curriculum

Ouyang Hsiang, Ph. D.
Primary School Education
Normal School Education
Educational Methods

DEPARTMENT OF PHYSICS

William Band, M. Sc.
Theory of Relativity
Theoretical Physics
Thermo-magnetic Effect

Miss Ho I-chen, Ph. D.
Spectroscopy

DEPARTMENT OF SOCIOLOGY

Chao Ch'eng-hsin, Ph. D.
Chinese Rural Districts
Population

Yang K'un, Ph. D.
Family System

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0400

THE SCHOOL OF RELIGION

Chao Tzu-ch'en, M. A., B. D., Litt. D.,	<i>Dean of the School and Professor of Philosophy of Religion</i>
William Hung, M. A., S. T. B., D. D.,	<i>Professor of the History of Christianity</i>
*T. T. Lew, Ph. D., D. D., S. T. D.,	<i>Professor of Religious Education</i>
Li Jung-fang, M. A., Th. D.,	<i>Professor of the Old Testament</i>
J. Leighton Stuart, D. D., Litt. D.,	<i>Professor of the New Testament</i>
Philippe de Vargas, Ph. D.,	<i>Professor of the History of Christianity</i>
Wu Lei-ch'uan, Hanlin Academy,	<i>Professor of the Philosophy of Religion</i>
Bliss Wiant, M. A.,	<i>Assistant Professor of Sacred Music</i>
Miss Myfanwy Wood,	<i>Assistant Professor of Religious Education</i>
S. Withers Green, B. A., B. D.,	<i>Lecturer in the New Testament</i>
Arthur D. Rugh, M. A.,	<i>Honorary Lecturer</i>
Mrs. Randolph C. Sailer, M. A.,	<i>Honorary Lecturer in Religious Education</i>

The aim of the School of Religion is to help in laying the foundation of Christian thought for China and in building up Christian life in China, through men and women with a vital personal Christian experience, a progressive Church consciousness, a passion for individual and social regeneration, an historical sense, and a scientific attitude and technique.

The School stands for personal piety and personal religious experience, free fellowship, Christocentric theology, scientific scholarship, and a social gospel. The faculty consists of a group of Christian Chinese and Western men and women, working in an ever-deepening spiritual fellowship, free from narrow denominational and racial prejudices, and facing together the challenge of China's deepest needs. This group conceives its task to be to educate men and women to be thinkers, writers, and workers with a prophetic message for the upbuilding of the Church in China.

Being an integral part of Yenching University, the School of Religion has access to its library and laboratory facilities, has the cooperation of the undergraduate and graduate faculties of the University in carrying on its work, enrolls its students in such University courses as are needed to make up deficiencies in their preparation or to enrich their specialized studies, and has numerous opportunities of contact with Chinese educational groups.

*On leave of absence, 1938-1939.

Graduate Work: Special emphasis is placed upon flexible choice of subjects and upon individual tutorial guidance. Courses are offered to graduate students in the following fields:—

Old and New Testament Literature and Exegesis; History of Christianity; Comparative Religions; Philosophy of Religion; Psychology of Religion; Chinese Philosophy; Western Education; Christian Literature; Church Music; Christian Art; Social Work in Cities; Rural Reconstruction; and general courses on vital modern issues.

One, two, or three years' work may be taken in any combination of these courses, and students may take up outside practical work between each two years of the course. If creditable work is done in the School for three years, and if a satisfactory thesis or its equivalent is approved by the student's tutor and accepted by the faculty, the student will be awarded the degree of B.D.

Special Work: Christian and Non-Christian men and women who desire to enter the School for study and research may be accepted. Each case will be determined by special action of the Faculty.

Short course for Religious and Social Workers: A year course is offered for Church workers, school teachers, Y.M.C.A. or Y.M.C.A. secretaries, who are recommended by their schools or organizations.

The purpose of this course is to broaden the outlook of the students, to inform them of current thoughts and tendencies, to acquaint them with problems of modern life, and to prepare them for efficient service in city and rural Christian social service.

The curriculum includes courses in religion, general culture, city work, rural work, and field work.

ENROLMENT

Fall semester, 1938

COLLEGE OF ARTS AND LETTERS

	Men	Women	Total
Graduates	15	2	17
Seniors	28	20	48
Juniors	17	18	35
Sophomores	35	17	52
Freshmen	62	59	121
Special students	1	2	3
<i>Total</i>	<i>158</i>	<i>118</i>	<i>276</i>

COLLEGE OF NATURAL SCIENCES

Graduates	12	2	14
Seniors	27	10	37
Juniors	25	11	36
Sophomores	49	24	73
Freshmen	132	38	170
Special students	1		1
<i>Total</i>	<i>246</i>	<i>85</i>	<i>331</i>

COLLEGE OF PUBLIC AFFAIRS

Graduates	7	1	8
Seniors	43	12	55
Juniors	40	10	50
Sophomores	61	16	77
Freshmen	108	26	134
<i>Total</i>	<i>259</i>	<i>65</i>	<i>324</i>

SCHOOL OF RELIGION

Graduates	4	1	5
Special students	5	4	9
<i>Total</i>	<i>9</i>	<i>5</i>	<i>14</i>
<i>Grand Total</i>	<i>672</i>	<i>273</i>	<i>945</i>

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CLASSIFICATION OF STUDENTS BY PROVINCES

Fall semester, 1938

	Men	Women	Total	Per cent
Hopei	291	62	253	37.5
Kiangsu	44	38	82	8.8
Chekiang	53	27	80	8.5
Kwangtung	43	22	65	6.9
Fukien	39	22	61	6.6
Anhui	40	17	57	6.1
Shantung	34	20	54	5.8
Liaoning	34	17	51	5.4
Shansi	19	8	27	2.9
Hupei	12	6	18	1.8
Kirin	8	5	13	1.3
Hunan	6	6	12	1.2
Honan	7	4	11	1.1
Szechuan	7	3	10	1.0
Chahar	5	3	8	.8
Kiangsi	6	2	8	.8
Kweichow	7	1	8	.8
Shensi	1	2	3	.3
Kwangsi	1	2	3	.3
Yünnan	2		2	.2
Suiyuan	2		2	.2
Hsinkingiang		1	1	.1
Heilungkiang		1	1	.1
Mongolia		1	1	.1
America	5	2	7	.7
Germany	2		2	.2
Rumania	2		2	.2
Denmark		1	1	.1
Russia	2		2	.2
<i>Total</i>	<i>672</i>	<i>273</i>	<i>945</i>	<i>100.00</i>

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0402

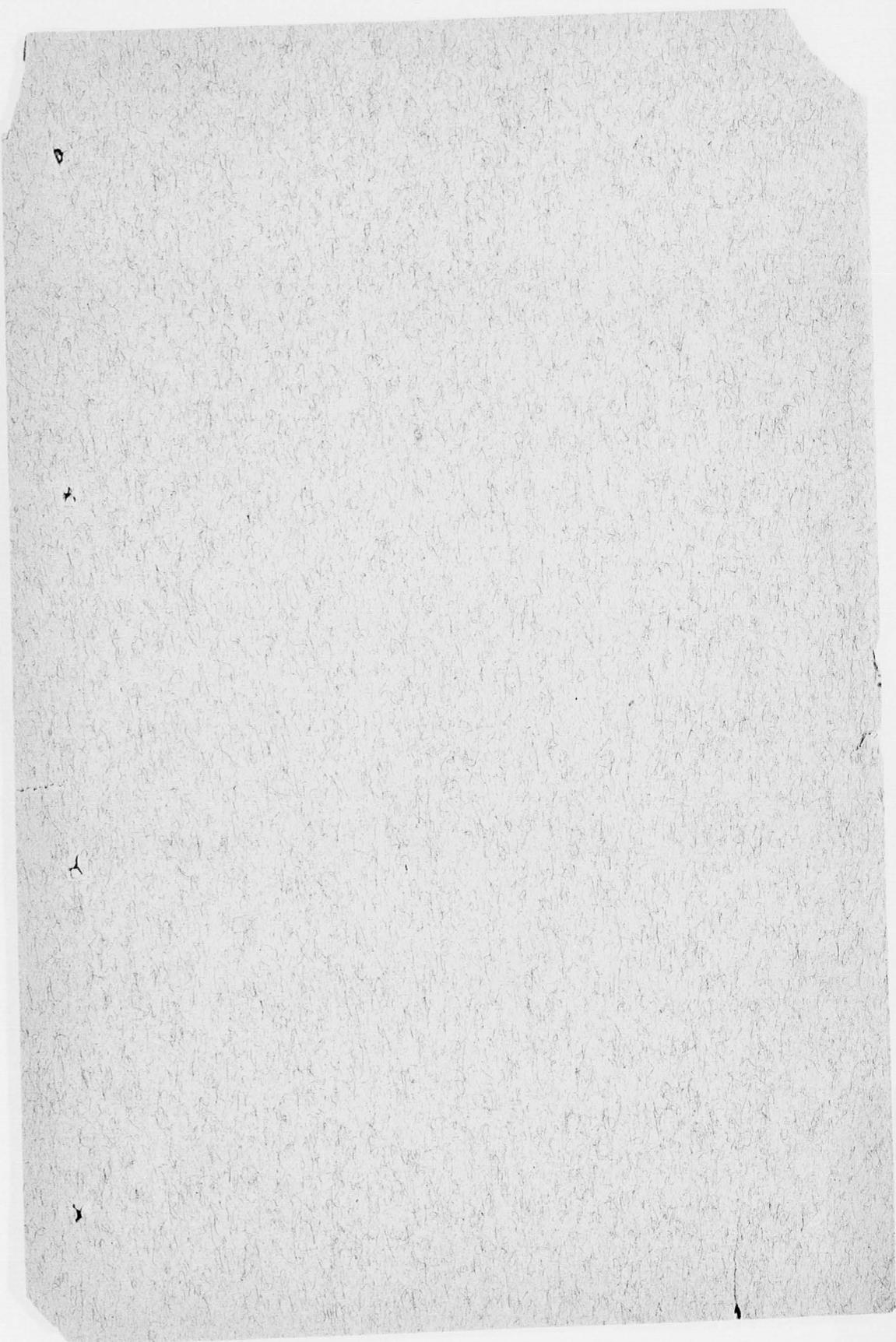
CLASSIFICATION OF STUDENTS BY PROVINCES

1911

Province	Male	Female	Total	Per cent
Yunnan	100	100	200	100.0
Kweichow	100	100	200	100.0
Szechwan	100	100	200	100.0
Hubei	100	100	200	100.0
Shensi	100	100	200	100.0
Shanxi	100	100	200	100.0
Henan	100	100	200	100.0
Shandong	100	100	200	100.0
Hopei	100	100	200	100.0
Chihai	100	100	200	100.0
Chinghai	100	100	200	100.0
Inner Mongolia	100	100	200	100.0
Manchuria	100	100	200	100.0
Amuria	100	100	200	100.0
British Borneo	100	100	200	100.0
French Indochina	100	100	200	100.0
Siamese	100	100	200	100.0
Malaya	100	100	200	100.0
Philippines	100	100	200	100.0
Formosa	100	100	200	100.0
Japan	100	100	200	100.0
China	100	100	200	100.0
Total	1000	1000	2000	100.0

8
0
8
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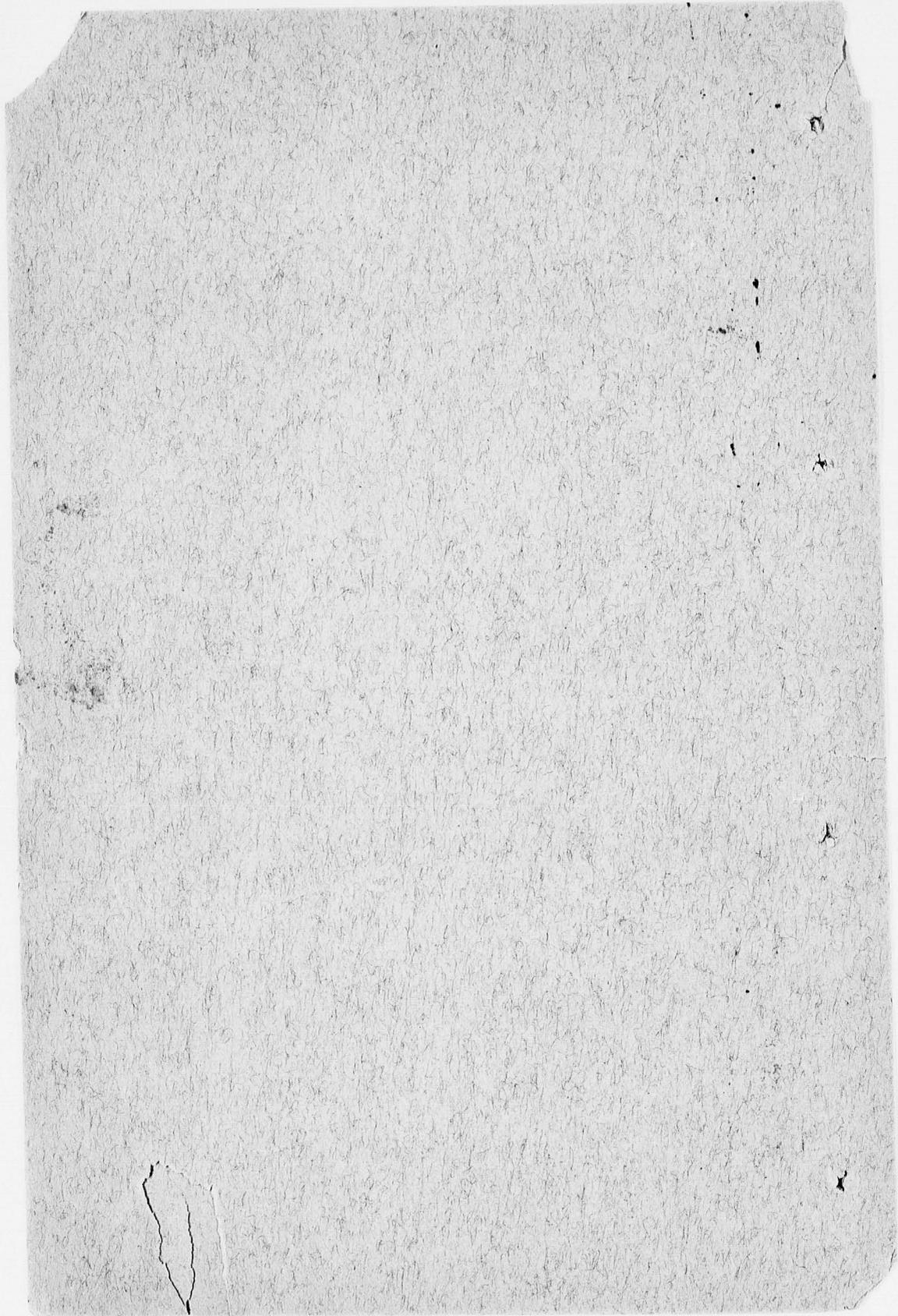
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