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Yenching
Academic
Course announcements
1940, 1947, 1948

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燕京大學
YENCHING UNIVERSITY
BULLETIN

ANNOUNCEMENT OF COURSES

1940-1941



VOLUME XXV—NUMBER 10

Peiping, China

September, 1940

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YENCHING UNIVERSITY
ACADEMIC CALENDAR, 1940-1941
FALL SEMESTER

Fall semester begins	Sept.	1 (Sun.)
Dormitories open to students	Sept.	1 (Sun.)
New students to report at the Admissions Bureau	Sept.	2-3 (Mon.-Tues.)
Freshman Week	Sept.	2-6 (Mon.-Fri.)
Exemption and placement tests	Sept.	4 (Wed.)
Registration	Sept.	4-6 (Wed.-Fri.)
Opening Convocation	Sept.	9 (Mon.)
Class work begins	Sept.	9 (Mon.)
Late registration*	Sept.	9-11 (Mon.-Wed.)
Change of courses without fee	Sept.	9-14 (Mon.-Sat.)
Last day for taking make-up examinations	Sept.	14 (Sat.)
Change of courses with fee	Sept.	16-19 (Mon.-Thurs.)
Holiday	Oct.	10 (Sat.)
Last day for handing in freshman mid-semester grades to Registration Bureau	Nov.	15 (Fri.)
University Anniversary holiday	Dec.	25 (Wed.)
New Year holiday	Jan.	1-4 (Wed.-Sat.)
Fall semester examinations and exemption and placement tests.	Jan.	13-20 (Mon.-Mon.)
Winter recess	Jan.	21-Feb. 5 (Tues.-Wed.)

SPRING SEMESTER

Spring semester begins	Feb.	6 (Thurs.)
Registration	Feb.	6-8 (Thurs.-Sat.)
Class work begins	Feb.	10 (Mon.)
Late registration*	Feb.	10-12 (Mon.-Wed.)
Change of courses without fee	Feb.	10-15 (Mon.-Sat.)
Last day for taking make-up examinations	Feb.	15 (Sat.)
Change of courses with fee	Feb.	17-19 (Mon.-Wed.)
Last day for making application for scholarships	Mar.	31 (Mon.)
Spring recess	Apr.	20-27 (Sun.-Sun.)
Last day for handing in master's theses to Graduate Yuan Departments	May	3 (Sat.)
Last day for handing in senior theses to Chairmen of Departments	May	24 (Sat.)
Alumni Home-coming Day holiday	May	24 (Sat.)
Last day for handing in senior theses to Deans of Colleges Departments	June	2 (Mon.)
Spring semester examinations	June	14-21 (Sat.-Sat.)
Baccalaureate Sunday	June	22 (Sun.)
Class Day	June	23 (Mon.)
Commencement	June	24 (Tues.)

* Students who wish to register during this period must secure permission from the Dean concerned before Sept. 6 or Feb. 8, and pay a fee of three dollars (\$3.00).

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YENCHING NIVERSITY

Yenching University is now in its twenty-third year. Fourteen years have been spent on the present campus northwest of Peking, following eight years in temporary quarters within the city. The University was formed by merging three institutions: the North China Union College for Women, the North China Union College, and Peking University. The first of these had its beginnings seventy-four years ago.

The College for Women traces its history back to 1864 when Mrs. Bridgman, a missionary under the American Board of Commissioners for Foreign Missions, arrived in Peking and started a school for girls, which later became Bridgman Academy. Out of this, in 1906, under the leadership of Miss Luella Miner, developed the North China Union College for Women, which in 1920 became the College for Women of Yenching University. The North China Union College, of which Dr. D. Z. Sheffield was President, grew out of the work of the Rev. L. D. Chapin, who in 1867 had established a school for boys at Tungchou. Another school for boys was established in 1870 by the Methodist Mission in Peking. A decade later this became an academy, and in 1890 further developed into Peking University, with Dr. H. H. Lowry as its President for twenty-five years.

In September 1918 the faculties and student bodies of the North China Union College and of Peking University were united on a temporary site in Peking, and the union university, at that time known as Peking University, started its academic life. The School of Religion, itself a union of several theological schools, also became a part of the new institution. The next year Dr. J. Leighton Stuart of Nanking was chosen as the first President of the University. With the addition of the College for Women in 1920 the University became co-educational, and was known thenceforth as Yenching University.

The temporary quarters in Peking witnessed eight years of restless growth, while funds were gathered and plans made for the permanent buildings on the new site five miles outside the city wall, overlooked by the ranges of the Western Hills. The removal to the new campus in 1926 was followed by troubled times. Within the campus, buildings were still being finished, trees planted, roads and

OFFICERS OF ADMINISTRATION

J. Leighton Stuart, D. D., Litt. D., *President and Acting Chancellor*
Luh Chih-wei, Ph. D., *Dean of the Graduate Yuan*
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*
Lin Chia-t'ung, Ph. D., *Director of Studies*
Wang Pao-hsing, *Registrar*
*Stephen I. O. Ts'ai, B. A., *Controller*
Howard Payne, *Acting Controller*
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*
Kuo Chün-k'ai M. D., *Assistant University Medical Officer*
Miss Grete Singer, M. D., *Medical Officer of the College for Women*

* On leave of absence, 1940-1941.

THE FACULTY

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*
Miss Anne Cochran, M. A., *Professor of Western Languages*
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*
Kuo Shao-yü, *Professor of Chinese*
Luh Chih-wei, Ph. D., *Professor of Psychology*
*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 and Chairman of the Department of Psychology*
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Miss Margaret B. Speer, M. A., *Professor of Western Languages*
Miss Ruth L. Stahl, Mus. B., *Professor of Music*
Teng Chih-ch'eng, *Professor of History*
Philippe de Vargas, Ph. D., *Professor of History*
Bliss Wiant, M. A., *Professor and Chairman of the Department of Music*
*Louis E. Wolferz, Ph. D., *Professor of Western Languages*
Wu Lei-ch'uan, *Hanlin Academy, Professor of Chinese*

* On leave of absence, 1940-1941.

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

Miss Lucy M. Burtt, M. A., *Assistant Professor of History*

Robert Chao, B. S., *Assistant Professor of Physical Education*

Ch'i Ssu-ho, Ph. D., *Assistant Professor and Chairman of the Department of History*

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Wang Ching-ju, *Assistant Professor of Chinese*

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

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Weng Tu-chien, Ph. D., *Lecturer in History*

Yen Ch'un, M. A., *Lecturer and Acting Chairman of the Department of Philosophy*

Mrs. Philippe de Vargas, Lic. Litt., *Honorary Lecturer in Western Languages*

Mrs. Bliss Wiant, B. A., *Honorary Lecturer in Music*

*On leave of absence 1940-1941

Nieh Ch'ung-ch'i, B. A., *Honorary Lecturer in History (part-time)*

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

Chou Shu, *Lecturer in Chinese (part-time)*

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

Chu Pao-ch'ang, M. A., *Lecturer in Philosophy (part-time)*

Miss E. T. Czech Edle von Rechtensee, Ph. D., *Lecturer in Western Languages (part-time)*

R. Brank Fulton, B. A., B. D., *Lecturer in Philosophy (part-time)*

Mrs. Dorothea Hanwell, B. A., *Lecturer in Physical Education (part-time)*

Hou E, *Lecturer in Chinese (part-time)*

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

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

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

Liu Hou-tze, *Lecturer in Chinese (part-time)*

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

P'ei Wen-chung, Sc. D., *Lecturer in History (part-time)*

W. Sheldon Ridge, B. A., *Lecturer in Western Languages (part-time)*

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John Stanley, B. A., *Lecturer in Western Languages (part-time)*

Sun K'ai-ti, *Lecturer in Chinese (part-time)*

Wang Hsi-cheng, B. A., *Lecturer in Chinese (part-time)*

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Pai Hsü-chih, *Instructor in Chinese*
Ts'ui Yü-pin, B. A., *Instructor in Physical Education*
Wang I-hsiu, M. A., *Instructor in History*
Miss Gladys Wolpert, B. A., *Instructor in Music*
Miss Wu T'ien-min, M. A., *Instructor in Psychology*

Ch'i Yung-k'ang, B. A., *Research Assistant in Education*

Chang Ch'ang-kung, *Assistant in Chinese*
Chang Ching-ming, B. A., *Assistant in Journalism*
Chao Tsung-ch'ien, B. A., *Assistant in Chinese*
Langdon Gilkey, B. A., *Assistant in Western Languages*
Hou Jen-chih, M. A., *Assistant in History*
Hsüeh Hung-k'uei, B. A., *Assistant in Education*
Huang Ju-wen, M. A., *Assistant in Chinese*
Li Feng-ke, B. A., *Assistant in Education*
Albert Liao, B. A., *Assistant in Physical Education*
Miss Liu Ch'ing-yen, B. A., *Assistant in Education*
Miss Lo Hsiu-chen, B. A., *Assistant in History*
Wang Chung-han, M. A., *Assistant in History*
Wu Jun-fang, B. A., *Assistant in Physical Education*
Yang Ming-chao, M. A., *Assistant in Chinese*
Yen Hua-t'ang, B. A., *Assistant in Physical Education*

Miss Chang Wei-ying, M. A., *Assistant in History (part-time)*

THE COLLEGE OF NATURAL SCIENCES

Stanley D. Wilson, Ph. D., *Dean of the College and Professor of Chemistry*
William H. Adolph, Ph. D., *Professor 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 Ethel M. Hancock, B. Sc., *Professor of Mathematics*
Miss Martha M. Kramer, Ph. D., *Professor and Chairman of the Department of Home Economics*
Li Ju-ch'i, Ph. D., *Professor and Chairman of the Department of Biology*
Ts'ai Liu-sheng, Ph. D., *Professor and Chairman of the Department of Chemistry*
*Earl O. Wilson, Sc. D., *Professor of Chemistry*
Chenfu F. Wu, Ph. D., *Professor of Biology*

Chang Tzu-kao, B. S., *Visiting Professor of Chemistry*
Shen Shou-ch'uan, M. S., *Visiting Professor of Agriculture, University of Nanking*

Ch'u Sheng-lin, Ph. D., *Assistant Professor of Physics*

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Ch'eng Ching-yü, Ph. D., *Lecturer in Chemistry*
Hsü Hsien-yü, Ph. D., *Lecturer in Mathematics*
Liang Chao-keng, B. S., M. M. E., *Lecturer in Mathematics*
Liu Mao-ling, B. S., B. E. E., *Lecturer in Physics*

Hsiang Ping-chuan, *Visiting Associate in Agriculture, University of Nanking*

* On leave of absence, 1940-1941.

Lu Wei-ming, B. S., *Visiting Associate in Agriculture, University of Nanking*

Mrs. Hermann Consten, Ph. D., *Lecturer in Home Economics (part-time)*

Samuel M. Dean, B. S., M. E., *Honorary Lecturer in Physics (part-time)*

Ch'eng Li-ch'ang, M. S., *Instructor in Physics*

Li Ming-hsien, B. S., *Instructor in Mathematics*

Lin Ch'ang-shan, M. S., *Instructor in Biology*

Mo Wen-ch'uan, M. S., *Instructor in Physics*

Miss Pai Ho-i, B. S., *Instructor in Home Economics*

Miss Sun Tseng-min, M. S., *Instructor in Home Economics*

Ts'ao Ching-p'an, B. A., *Instructor in Chemistry*

Tu Lien-yueh, M. S., *Instructor in Physics*

Ch'en Shang-chin, B. S., *Research Assistant in Chemistry*

Fang Hsing, B. S., *Research Assistant in Chemistry*

Kuan Ch'un-wu, B. S., *Research Assistant in Chemistry*

Liang Chih-chuan, B. S., *Research Assistant in Chemistry*

Li Chia-kuang, B. S., *Research Assistant in Chemistry*

Wu Tsu-fen, B. S., *Research Assistant in Chemistry*

Miss Chang Chi-yi, B. S., *Assistant in Mathematics*

Cheng Kuan-sen, M. S., *Assistant in Physics*

Miss Hsueh Mu-lien, B. S., *Assistant in Biology*

Miss Lu Wan-ching, M. S., *Assistant in Biology*

Lü Chih-ch'in, *Assistant in Physics*

Yü Shih-chou, M. S., *Assistant in Chemistry*

Miss Chao Ts'un-chen, B. S., *Assistant in Chemistry (part-time)*

Chiao Shou-hsün, B. S., *Assistant in Chemistry (part-time)*

Feng Shu-kung, B. S., *Assistant in Physics (part-time)*

Miss Hsü Chih-yün, B. S., *Assistant in Biology (part-time)*

Frank Liebenthal, B. S., *Assistant in Chemistry (part-time)*

Pau Ch'eng-pin, B. S., *Assistant in Biology (part-time)*

Sun Te-yen, B. S., *Assistant in Physics (part-time)*

Miss T'ang Chi-hsueh, B. S., *Assistant in Biology (part-time)*

Ts'ai Nien-su, B. S., *Assistant in Chemistry (part-time)*

Wang Chih-yi, B. S., *Assistant in Biology (part-time)*

Wang Yen-ch'iang, B. S., *Assistant in Physics (part-time)*

Wu Chin-to, B. S., *Assistant in Physics (part-time)*

Yen Tung-sheng, B. S., *Assistant in Chemistry (part-time)*

THE COLLEGE OF PUBLIC AFFAIRS.

Gideon Ch'en, B. A., *Dean of the College, Professor and Chairman of the Department of Economics*

Miss Augusta Wagner, Ph. D., *Professor of Economics*

Wu Ch'i-yü, Ph. D., *Professor and Chairman of the Department of Political Science*

Yang K'un, Ph. D., *Professor of Sociology*

Yüan Wen-p'u, Ph. D., *Professor of Economics*

Hu Kye-yüan, B. A., M. F. S., *Visiting Professor of Economics*

Chao Ch'eng-hsin, Ph. D., *Assistant Professor and Chairman of the Department of Sociology*

Cheng Lin-chuang, M. A., *Assistant Professor of Economics*

Miss Chou Li-ch'iu, M. A., *Assistant Professor of Sociology*

Ku Tun-jou, M. A., *Assistant Professor of Political Science*

Michael Lindsay, M. A., *Tutor in Economics*

Hu Yü-chieh, J. D., *Lecturer in Political Science*

Huang Ti, M. A., *Lecturer in Sociology*

Chang Hsi-t'ung, B. A., *Lecturer in Political Science (part-time)*

Chao Hsi-yü, M. S., *Lecturer in Economics (part-time)*

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

Wang Kuang-ch'i, M. A., M. B. A., *Lecturer in Economics (part-time)*

Miss Ch'en Fang-chih, Ph. D., *Instructor in Political Science*

Hsü Tsu-chia, B. A., *Research Assistant in Sociology*

Li Kuo-shih, B. A., *Research Assistant in Economics*

Wu Ta-jen, B. A., *Research Assistant in Political Science*

Yen Mu-yüan, B. A., *Research Assistant in Economics*

Li Te-hsin, B. A., *Assistant in Economics*

Sun Te-yün, M. A., *Assistant in Sociology*

THE SCHOOL OF RELIGION

Chao Tzu-ch'en, M. A., B. D., Litt. D., *Dean of the School and Professor of Philosophy of Religion*

J. Leighton Stuart, D. D., Litt. D., *Professor of the New Testament*

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

Li Jung-fang, M. A., Th. D., *Professor of the Old Testament*

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

Bliss Wiant, M. A., *Assistant Professor of Sacred Music*

R. Brank Fulton, B. A., B. D., *Lecturer in Christian Ethics*

A. H. Jowett Muray, M. A., *Visiting Lecturer in the New Testament*

Mrs. Randolph C. Sailer, M. A., *Honorary Lecturer in Religious Education*

Lü Chen-chung, B. A., B. D., *Research Associate*

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, Physical Education. A Short Course in Kindergarten Primary Training is also offered under the Department of Education. *College of Natural Sciences:* Mathematics, Physics, Chemistry, Biology, 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 no 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.

FRESHMAN CURRICULUM PLAN

FRESHMAN PLAN FOR THE COLLEGE OF ARTS AND LETTERS

AND THE COLLEGE OF PUBLIC AFFAIRS

	Arts and Letters <i>Credits</i>		Public Affairs <i>Credits</i>
Group A (see footnote)			
Chinese 101-102	3-3	Chinese 101-102	3-3
English 101-102	4-4	English 101-102	4-4
Physical Education 101-102	1-1	Physical Education 101-102	1-1
Group B (one out of the following courses)			
Biology 103-104	3-3	Biology 103-104	3-3
Chemistry 103-104	3-3	Chemistry 103-104	3-3
Geology 101-102	3-3	Physics 111-112	3-3
Mathematics 103-104	3-3		
Physics 111-112	3-3		
Group C (3-3 credits)			
Education 103 or 104	3	Philosophy 101 or Philosophy 104	3
Philosophy 101 or Philosophy 104	3	Psychology 101 or 102 Psychology 110	3
Psychology 101 or 102	3		
Group D (3-3 credits)			
History 101-102	3-3	(6-6 credits)	
History 145	3	Economics 101-102	3-3
History 146	3	Political Science 101-102	3-3
History 153 & 154	3-3	Sociology 101-102	3-3
Political Science 101-102	3-3		

In place of Chinese 101-102 Overseas Chinese students are required to take two years of Overseas Chinese and foreign students are required to take three years of Chinese for foreign students.

Economics 101-102	3-3	
Sociology 101-102	3-3	
Group E		
Electives	3-3	
Total (see footnote)	20-20	20-20

FRESHMAN PLAN FOR THE COLLEGE OF NATURAL SCIENCES
REGULAR PROGRAM

Group A (see footnote on p. 15)		<i>credits</i>
Chinese 101-102		3-3
English 101-102		4-4
Physical Education 101-102		1-1
Group B (three courses)		8-8
Biology 101 or 102	5	
Chemistry 101 or 102	5	
Physics 101-102	3-3	
Group C		
Mathematics 101-102		3-3
Total *(see footnote)		19-19

SPECIAL PROGRAM

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

Group A (see footnote on p. 15)		
Chinese 101-102		3-3
English 101-101		4-4
Physical Education 101-102		1-1
Group B (two out of the three courses)		5-5 or 8-3
Biology 101 or 102	5	

* Women students are required to take a 1-credit course in Hygiene during the second semester of their freshman year or during their sophomore year.

Chemistry 101 or 102	5	
Physics 101-102	3-3	
Group C		
Mathematics 101-102		3-3
Group D		3-3 or 0-5
Political Science 101-102	3-3	
Economics 101-102	3-3	
Sociology 101-102	3-3	
Electives	0-5	
Total (see footnote on p. 16)		19-19

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 102 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 102 is required to take English 203-204.
- A second year of Chinese or of English (sophomore year); or two years of a second foreign 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.
- 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. Required physical education during freshman, sophomore, and junior years, a total of six credits.
- i. A one-credit course in hygiene.
- 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 average grade 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 required physical education, with a general average grade 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.

THE UNIVERSITY SCHEDULE

During the regular session, classes are conducted according to the following schedule:

	First Period	8:00-8:50
	Second Period	9:20-10:10
<i>Morning :</i>	Third Period	10:20-11:10
	Fourth Period	11:20-12:10

	First Period	1:10-2:00
<i>Afternoon :</i>	Second Period	2:10-3:00
	Third Period	3:10-4:00

COURSES

Every course offered in the University is specified by a course number and a descriptive title. The principles underlying the numbering of courses are as follows:

<i>Courses</i>	<i>Course numbers</i>
Open to freshman and upper-class students	101-199
Open to sophomore and upper-class students	201-299
Open to junior and upper-class students	301-399
Open to senior and graduate students	401-496
Senior thesis	497-498
Open to graduate students only	501-596
Graduate thesis	597-598

- Type A. Numbers such as Chinese 117, Chinese 132, indicate that the course is completed in one semester, odd numbers designating courses offered in fall semesters and even numbers, courses offered in spring semesters.
- Type B. Numbers such as Chemistry 101 or 102 indicate that the course is a semester course offered in both semesters.
- Type C. Numbers such as Chinese 101-102 indicate that the course is a year course and that no credit will be given to either semester taken separately.
- Type D. Numbers such as Chinese 153-154* indicate that the course is a year course but credit will be given for the first semester without the second.
- Type E. Numbers such as Chinese 115 & 116 indicate that the course is a year course but that either semester may be taken separately.
- Type F. Numbers such as French 101-102-, French -203-204 indicate that the course covers two academic years.

Numbers given in parentheses are old course numbers.

At the completion of a semester, every student in a course is given a grade by his instructor.

CREDITS, GRADES, MERIT-POINTS, OTHER MARKS, AND
AVERAGE GRADES

1. A credit denotes a unit of work required of a student in a semester. On an average, it is equivalent to three hours of work per week per semester. 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 or field work.
2. A grade denotes the quality of work a student does in a given course and semester, according to the judgment of the instructor with whom he has completed his work. It also indicates the relative place which he occupies among his fellow students in the same course and semester.
3. The marking system used in the University consists of eleven grades which may be described 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: Quite satisfactory; the work of an average student who fulfils what is expected of him in quite a satisfactory way.
 - 5: Up to the general standard required for graduation.
 - 4: Weak; credits are deserved for 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 make up his deficiency in quantity or to be re-examined.
 - 1: Failing.
 - 0: Worthless.
4. The credits for a course are given to a student only when he has completed

the course with a grade of "3" or above.

The credits for any semester's work in a Type-C or Type-F course are given to a student only when he has completed the whole course and has secured a grade of "3" or above for every semester in the course.

5. A grade of "3" or above for the preceding semester's work in a Type-C or Type-F course is a pre-requisite for the continuation of the course. The exceptions to this article are given in Article 9.
6. If a course has to be repeated the credits for it will not be given twice.
7. The grade for thesis work is given at the completion of the thesis.
8. For the purpose of determining the average grade of a student, the number of credits and the grade for each course, multiplied together are turned into merit-points.

The total number of merit-points a student receives within a certain period of time, divided by its corresponding total number of credits, gives the *average grade*.

In general, three kinds of average grade are distinguished and used in the University: *semester average grade*, *annual average grade*, and *general average grade*. For instance, if a student has taken 19 credits each semester during the freshman and sophomore years and obtained 95, 95, 114, and 95 merit-points for the four semesters successively; then his semester average grades are "5.0", "5.0", "6.0", and "5.0"; his annual average grades are "5.0" and "5.5"; and his general average grade is "5.3" at the end of the first three semesters and "5.3" at the end of the two years ("5.33" and "5.25" both counted as "5.3").

The credits and grade for every course or every semester of a course taken by a student are included in the computation of his average grade, regardless of whether the credits for it are given or otherwise.

9. The grade "2" is considered as a condition. This grade is given only to students whose work, though sufficient in quality to deserve credits, is deficient in quantity that can quickly be made up; or to students whose work is of doubtful quality that might be raised to passing level by a re-examination.

The time set for making up the deficiency or for taking the re-examina-

tion is during the first week after the beginning of class work for the following semester.

When the deficiency is made up or the re-examination is satisfactory the grade of "2" may be displaced by "3", otherwise it will remain.

If a student receives a grade of "2" for his fall semester's work in any of the following courses, his instructor will report "condition" to the Registration Bureau until the completion of the work in the spring semester: Chin. 101-102, Chin. 201-202; Jap. 201-202-, Jap. -303-304; Eng. 101-102, Eng. 203-204, Eng. 205-206; French 101-102-, French -203-204; German 101-102., German -203-204; and Physical Education 101-102, Physical Education 201-202, Physical Education 301-302. The "condition", however, is taken into consideration when a student has to be warned or dismissed because of poor work.

If he receives a grade of "3" for the spring semester's work, his grade of "2" in the fall semester will automatically be raised to "3" and his instructor will report the grade of "3" for both semesters. If he again receives a grade of "2," his grades for both semesters will then be reported as "2," which becomes irremovable.

In any of the above mentioned courses, if a student receives a grade of "3" or more for the first semester and one of "2" for the second semester, his grade of "2" is removable by making up the quantity deficiency or by a satisfactory re-examination in the following semester, and it will therefore be reported accordingly. The grade of "2" will remain if it is not removed before the set date, and the credits for the first semester's work will not be given until the second semester has been repeated with a satisfactory grade.

10. Instructors sometimes use the mark "In," standing for "incomplete." It refers to certain incompleteness in the class work of the semester, such as themes, reports, laboratory or field work. Incompleteness does not refer, however, to absence from either the final examination or any of the quizzes or tests. Wherever the mark "In" appears on the instructor's grade report, he will also inform the student of how this incompleteness may be removed.

The mark "Ab" is given when a student has been absent from the

final examination. If such absence has not been properly excused, the "Ab" mark given by the instructor will be changed into "0" by the Registration Bureau. As a rule every course has a final examination scheduled at the end of the semester, the result of which is taken into consideration in determining the student's semester grade of work.

The mark "In" or "Ab" is given by an instructor only to students whose work is of a passing grade; to those whose work is already definitely of a failing grade, the grade of "1" or "0" will be reported instead of the mark "In" or "Ab".

All "In" and "Ab" marks received by a student in any semester must be removed during the first week after the beginning of class work for the following semester.

Before the above mentioned date, all "In" and "Ab" courses will not be included in the computation of average grades.

If "In" and "Ab" marks are not removed before the set date they will be replaced by the grade "0". The marks "In" and "Ab" may be displaced by any of the eleven grades from "0" to "10".

11. Students are charged one dollar for every "Ab" or "2" removal-examination. The grades from these examinations will not be accepted unless the students have made the payments for the examinations and presented the receipts to the Registration Bureau.
12. For computation of semester or annual average grades, summer courses are counted towards the subsequent fall semester.
13. The University requires 142 credits and a general average grade of "5" for graduation. An undergraduate student who carries and obtains the normal number of credits each semester should show the following accumulation:

At the completion of

<i>Year</i>	<i>First Semester</i>	<i>Second Semester</i>
Freshman	19	38
Sophomore	57	76
Junior	93	110
Senior	126	142

14. Deficiency in credits may be made up by:

- a. Spending an extra semester (this is only allowed by special vote of the Deans' Committee).
- b. Studying in summer schools. (A maximum of 1/8 of the total credits towards a degree may be obtained in summer school but summer school work may neither reduce the residence requirement of 8 semesters nor reduce the load of work to be registered for any of the subsequent semesters except by special permission from the Dean concerned). Students who fall in one of the following categories are required to attend summer schools:

<i>Students with</i>	<i>Credit deficiency</i>
2 semesters of residence	7 or more credits
3 " " "	6 " " "
4 " " "	5 " " "
5 " " "	4 " " "
6 " " "	3 " " "
7 " " "	2 " " "

- c. Taking extra credits each semester. (Students whose average grade for the preceding year is above "5.8" or "7.0" may be allowed to take one of two extra credits respectively in excess of the normal number of credits and the Deans will sometimes give permission to other students to do so when circumstances warrant.)
15. University credits cannot be given for any course taken by students not already enrolled as students of university grade.
16. Auditors in any courses will not be given the credits for the course.
17. Auxiliary students are treated and marked by the instructors as regular students but cannot receive the credits for the courses taken.

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 the University.

OTHER REGULATIONS

For information concerning entrance requirements, tuition, laboratory fees and other expenses, scholarships, transfer requirements, and other regulations, students should consult the *Guidebook for Students*.

COURSES OF INSTRUCTION

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.

COLLEGE OF ARTS AND LETTERS

CHINESE

Tung Fan, B. A.	<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>
Wang Ching-ju	<i>Assistant Professor</i>
Liang Ch'i-hsiung	<i>Lecturer</i>
Ling Ching-yen, M. A.	<i>Lecturer</i>
Chou Shu	<i>Lecturer (part-time)</i>
Ch'ü Jun-min	<i>Lecturer (part-time)</i>
Hsü Shih-ying, B. A.	<i>Lecturer (part-time)</i>
Hou E	<i>Lecturer (part-time)</i>
Ku Sui, B. A.	<i>Lecturer (part-time)</i>
*Miss Lin Pe'i-chih, M. A.	<i>Lecturer (part-time)</i>
*Miss Ling Shu-hua, B. A.	<i>Lecturer (part-time)</i>
Liu Hou-tzu	<i>Lecturer (part-time)</i>
Sun K'ai-ti	<i>Lecturer (part-time)</i>
Wang Hsi-cheng, B. A.	<i>Lecturer (part-time)</i>
Cheng Ch'ien, B. A.	<i>Instructor</i>
Kao Ming-k'ai	<i>Instructor</i>
P'ai Hsü-chih	<i>Instructor</i>

* On leave of absence, 1940 Fall.

Chang Ch'ang-kung
Chao Tsung-chien, B. A.
Huang Ju-wen, M. A.
Yang Ming-chao, M. A.

Assistant
Assistant
Assistant
Assistant

Chao Tzu-ch'en, Ph. D.

Lecturer (Part-time)

GENERAL REGULATIONS

1. The aim of the department 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.
2. No student will be accepted as a major student in this department unless he has obtained a grade of at least "5" in, or has been exempted from, Chinese 101-102 (1-2).
3. The courses of this department are divided into two sections: A. Chinese literature, and B. Chinese linguistics and philology. A major student may specialize in either section.
4. The required courses in section A (Chinese literature) are as follows:

	<i>Credits</i>
Chin. 221 to 234	Chinese Classics 1 (Sec. A) 4
Chin. 235 to 246	Chinese Classics 2 (Sec. A) 4
Chin. 247 to 258	Chinese Classics 3 (Sec. A) 4
Chin. 259-260 (47-48)	History of Chinese Literature 6
Chin. 261-262 (151-152)	Philology 6
Chin. 263-264 (99-100)	Linguistics 6
Chin. 303-304 (52, 55, 60)	Selected Prose and Composition 6
Chin. 305-306 (41-42)	Selected Poems and Composition 6
Chin. 307 or 308 (43)	Selected Tz'u (詞) and Composition 3
Chin. 309 or 310 (44)	Selected Chü (曲) and Composition 3
Chin. 203 or 204 (21-22), 205 or 206 (21-22), 207 or 208 (33 or 34),	Composition(modern essay, documents, correspondence, translations) 4

209 or 210 (33 or 34),
211 or 212 (17 or 18),
301 or 302 (31 or 32).

Eng. 205-206 (5-6)
or

Eng. 231 & 232 (11-12)
Chin. 497-498 (199-200)

Sophomore English

or

Nineteen Century English Literature
Thesis (an original work or a
translation in place of a research
paper) 2 to 4

5. The required courses in Section B (Chinese linguistics and philology) are as follows:

		<i>credits</i>
Chin. 259-260 (47-48)	History of Chinese Literature	6
Chin. 261-262 (151-152)	Philology	6
Chin. 263-264 (99-100)	Linguistics	6
Chin. 265-266 (91-91)	Phonology	6
Chin. 371-372	Paleography	6
Chin. 373-374	Comparative Phonology	4
Chin. 361 to 366	Chinese Classics (Section B)	9
Chin. 383-384 (29-30)	Ancient Phonology	4
Chin. 389 or 390 (93 or 94)	Etymology	3
Chin. 203 or 204 (21-22), 205 or 206 (21-22), 207 or 208 (33 or 34), 209 or 210 (33 or 34), 221 or 212 (17 or 18), 301 or 302 (31 or 32).	Composition	2
Chin. 391 or 392 (167)	Chinese Grammer	3
Eng. 205-206 (5-6)	Sophomore English	6
Chin. 497-498 (199-200)	Thesis	2 to 4

6. Students of Section A (Chinese literature) are advised to select the following elective courses:

A. Junior Year

Phil. 271-272 (71-72) History of Chinese Philosophy

Phil. 273-274 (73-74) History of Western Philosophy
Hist. 101-102 (1-2) General History of China
Hist. 281-282 (61-62) Chinese Geography
Hist. 237-238 (73-74) Modern History of The Far East
Chin. 321 or 322 (10) Introduction to Chinese Literature

B. Junior and Senior Year

Eng. 205-206 (5-6) Sophomore English
Eng. 231 & 232 (11-12) Nineteen Century English Literature
Hist. 272 (161), 376 Historical Method (elementary and advanced)
Chin. 323-324 (81-82) Literary Criticisms
Chin. 325 or 326 Rhetoric
Chin. 327-328 Theories of Chinese Music
Chin. 329 or 330 (50) Method of Teaching Chinese in Middle Schools
Chin. 333-334 (163) Buddhist Literature as Found in Chinese Translations
Chin. 335 or 336 Biographical Studies
Chin. 337-338 (161-162) History of Chinese Poetry
Chin. 339-340 (163-164) History of Chinese Literary Criticism
Chin. 341-342 History of Chinese Novels and Selected Readings
(69;73-74)
Chin. 343-344 History of Chinese Drama and Selected Readings
(68;73-74)
Chin. 389 or 390 (93) Etymology
or 94)
Chin. 391 or 392 (167) Chinese Grammar

7. Students of Section B (Chinese Linguistics and Philology) are advised to select the following elective courses:

A. Junior Year

Chin. 303-304 (52; 55; Selected Prose of the Different Dynasties
60)
Chin. 367-368 History of Chinese Philology

Chin. 369 or 370	History of Chinese Characters
Chin. 381 or 382	History of Chinese Phonology
Chin. 393-394 (11-12)	Bibliography
Chin. 395-396	Practice in Collation
B. Senior Year	
Chin. 305-306 (41-42)	Selected Poems of the Different Dynasties
Chin. 341-342 (69; 73-74)	History of Chinese Novels and Selected Readings
Chin. 343-344 (68; 73-74)	History of Chinese Drama and Selected Readings
Chin. 375 or 376 (175-176)	Studies in Modern Chinese
Chin 377-378	History of the <i>Kho-Yü</i> (國語) Movement
Chin. 379 or 380	Modern Chinese Dialects
Chin. 385 or 386	Origin and Changes of the <i>Teng-Yün</i> (等韻)
Chin. 387 or 388	Westerners on Chinese Phonology
Chin. 461 or 462	Study of <i>Pu-T'zu</i> (卜辭)
Chin. 463 or 464	Symbols on Ancient Bronzes

8. Students wishing to minor in education and to obtain a special certificate from that department must follow the regulations of the Department of Education.

COURSES OF INSTRUCTION

Required Courses and Composition Courses

Chinese 101-102 (1-2)	First Year Chinese	3-3 credits
This course aims at giving a general view of Chinese literature and gives training in reading and writing. A composition, either in the classical or the modern style is required once every two weeks. Required of all freshman students. Those exempted from this course are required to take two more credits of Chinese instead of six. M 2:10, 3:10, W 2:10 Section A, B, C, D, & E; T 2:10, 3:10, Th 2:10 Section F, G, H, I, & J; F 2:10, 3:10, S 10:20 Section K, L, M, N, & O.		
Chinese 201-202 (15-16)	Second Year Chinese	2-2 credits

The aim of this course is somewhat similar to that of Chinese 101-102 (1-2). It gives training in reading and writing, with the special object of making up the deficiencies of the first year; a composition, usually in classical style, is required once a week. Required of those obtaining a grade below "5" in Chinese 102 (2). Elective: 2, 3. Th 2:10, 3:10 Section A, B & C.

Chinese 203 or 204 (21 or 22)	Modern Chinese Composition (A)	2 credits
This course discusses modern Chinese prose. A composition is required once every two weeks. Elective: 2, 3, 4. M 10:20, 11:20. Miss Ling or Mr. H. C. Wang		
Chinese 205 or 206 (21 or 22)	Modern Chinese Composition (B)	2 credits
This course discusses and gives training in the writing of modern Chinese poetry and drama. Elective: 2, 3, 4. Mr. H. C. Wang		
Chinese 207 or 208 (33 or 34)	Translation (A)	2 credits
This course is conducted by the College of Public Affairs, the College of Natural Sciences and the Department of Chinese together. Materials to be translated will be selected by the different departments of the Colleges concerned. One translation a week, either into classical or modern Chinese. Elective: 2, 3, 4. Time to be arranged. Mr. Ling		
Chinese 209 or 210 (33 or 34)	Translation (B)	2 credits
This course gives training in translating purely literary works into modern Chinese. One translation a week. Elective: 2, 3, 4. Miss Lin		
Chinese 211 or 212 (17 or 18)	Correspondence	2 credits
This course studies the styles of letter writing during the different dynasties, and also gives training in writing. One exercise a week, mostly in classical style. Elective: 2, 3, 4. T 10:20, 11:20. Mr. Tung		
Chinese 301 or 302 (31 or 32)	Documentary Composition	2 credits
This course is conducted by the College of Public Affairs and the Department of Chinese together. It illustrates the different documentary forms and gives training in composition. An exercise is required once a week. Elective: 3, 4. (For students of the College of Arts and Letters and the College of Public Affairs). T 2:10, 3:10. Mr. Wu		
Chinese 303-304	Selected Prose and Composition	3-3 credits
This course takes up selections of prose written by famous writers from the Han to the Ch'ing Dynasties, with emphasis on both content and structure. One composition required every two weeks. Elective: 3, 4. Required of Chinese majors 2 (Sec. A). TTh 10:20, S 9:20. Mr. Cheng		
Chinese 305-306 (41-42)	Selected Poems and Composition	3-3 credits

Studies are made of selected poems by famous authors from the Han to the Ching Dynasty. One exercise every two weeks is required. Elective: 3, 4. Required of Chinese major 3 (Sec. A).

Chinese 307 or 308 (43) Selected *T'zu* (詞) and Composition 3 credits
Studies of selected *T'zu* written by famous authors from the T'ang to the Ch'ing Dynasty. One exercise every two weeks is required. Elective: 3, 4. Required of Chinese major 4 (Sec. A). W 1:10, 2:10. Mr. Ku

Chinese 309 or 310 (44) Selected *San-Ch'ü* 散曲 and Composition 3 credits
Studies of selected miscellaneous *Ch'ü* written by famous authors from the Chin to the Ching Dynasty. One exercise every two weeks is required. Elective: 3, 4. Required of Chinese major 4 (Sec. A). Mr. Ku

Literature

Chinese 221 to 234 Chinese Classics I (Sec. A.)

This group of courses covers the most important classics of Chinese History. Besides discussions on the contents of these books a study is also made of the etymology of certain words. Each semester one report and several translations or notes are required. Elective: 2, 3, 4; Chinese majors 3, 4 (Sec. A.) at least 4 credits are required for graduation. The classics and credits are as follows:

Chinese 221 or 222	尙書 <i>Shang Shu</i>	3 credits Mr. Tung
Chinese 223-224 (53-54) MW 9:20.	三禮 <i>San Li</i>	2-2 credits Mr. Tung
Chinese 225-226 (55-56) TTh 9:20.	春秋三傳 <i>Three Commentaries on the Ch'un Ch'iu</i>	2-2 credits Mr. Ling
Chinese 227-228 MW 10:20.	史記 <i>Shih Chi</i>	2-2 credits Mr. Liang
Chinese 229-230 MW 11:20.	前後漢書 <i>Ch'ien and Hou Han Shu</i>	2-2 credits Mr. Liang

Chinese 231 or 232 三國志 *San Kuo Chih* 2 credits
Mr. Liang

Chinese 233 or 234 晉書 *Chin Shu* 2 credits
Mr. Liang

Chinese 235 to 246 Chinese Classics 2 (Sec. A.) 2 credits
This group of courses covers the most important classics of Chinese thought. The method of teaching is the same as in Chinese 221 to 234. Chinese majors 3, 4 (Sec. A.) at least 4 credits are required for graduation.

Chinese 235-236 周易 *Chou I* 2-2 credits
F 3:10, 4:10. Mr. H. C. Wang

Chinese 237 or 238 論語孟子 *Lun Yü and Meng Tzu* 3 credits
MWF 1:10. Mr. Ling

Chinese 239-240 老子莊子 *Lao Tzu and Chuang Tzu* 2-2 credits
Mr. H. C. Wang

Chinese 241 or 242 墨子 *Mo Tzu* 2 credits
Mr. Liang

Chinese 243-244 (57-58) 荀子 *Hsun Tzu* 2-2 credits
WTh 10:20, 11:20. Mr. Liang

Chinese 245 or 246 韓非子 *Han Fei Tzu* 2 credits
Mr. Liang

Chinese 247 to 258 Chinese Classics 3 (Sec. A) 3 credits
This group of courses covers the most important classics of pure literature. The method of teaching is the same as in Chinese 221 to 234. Chinese majors 3, 4 (Sec. A.) at least 4 credits are required for graduation.

Chinese 247 or 248 詩經 *Shih Ching* 3 credits
Mr. Ling

Chinese 249-250 楚辭 *Ch'u Tzu'n* 2-2 credits
Th 2:10, 3:10. Mr. Ku

Chinese 251-252 文選 *Wen Hsüan* 2-2 credits
Chinese 253 or 254 文心雕龍 *Wen Hsin Tiao Lung* 2 credits
Mr. Yang

- Chinese 255 or 256 Works of Famous Authors 1 2 to 4 credits
 Chinese 257 or 258 Works of Famous Authors 2 2 to 4 credits
 Th 1:10
- Chinese 259-260 (47-48) History of Chinese Literature 3-3 credits
 A study of the history of Chinese literature, including the principal literary movements and the forces causing these movements. Elective: 2, 3, 4. Required of Chinese majors. MWF 2:10. Mr. Kuo
- Chinese 321 or 322 Introduction to Chinese Literature 2 credits
 This course deals with general theory of literature and a study of the different Chinese literary styles. Elective: 3, 4. Mr. Kao
- Chinese 323-324 (81-82) Literary Criticism 2-2 credits
 This course puts special emphasis on the principles of literary criticism. Elective: 3, 4. S 9:20, 10:20.
- Chinese 325 or 326 Rhetoric 3 credits
 This course explains the nature of the Chinese language and the problems of rhetoric in connection with methods or mood, in order to aid the various courses on composition. Elective: 3, 4. MWF 3:10. Mr. Kuo
- Chinese 327-328 Theory of Chinese Music 2-2 credits
 This course attempts to systematize the data for a historical study of Chinese music. Elective: 3, 4. T 1:10, Th 2:10. Mr. H. C. Wang
- Chinese 329 or 330 (50) Methods of Teaching Chinese in Middle Schools 3 credits
 Studies are made in regard to the selection and handling of the subject matter for teaching Chinese in middle schools. Students are given an opportunity to prepare materials for use later in teaching. Elective: 3, 4. MWF 8:00. Mr. Tung
- Chinese 331-332 Chinese Religious Literature 1-1 credits
 Chinese Classics are studied from a religious point of view. Elective: 3, 4. S 8:00. Mr. Chao
- Chinese 333-334 Buddhist Literature in Chinese Translations 2-2 credits
 This course deals with a bibliography of Buddhist literature, a study of famous Buddhist works and their influence on Chinese literature. Elective: 3, 4. Mr. Tung
- Chinese 335 or 336 Biographical Studies 2 credits

Selections are taken from Chinese and Western biographies for writing exercises. Parts will be taken from Chinese histories and biographies, re-organized and re-written by the student in his own words. Elective: 3, 4. Mr. H. C. Wang

- Chinese 337-338 History of Chinese Poetry 2-2 credits
 This course deals with the origin and development of Chinese poetry. It takes illustrations from the works of different authors. Elective: 3, 4. MW9:20. Mr. Cheng
- Chinese 339-340 History of Chinese Literary Criticism 2-2 credits
 This course deals with the history of Chinese literary criticism and the opinions of the critics of the past. It analyzes the various theories of criticism and explains how they were derived. Their influence on Chinese literature is also discussed. Elective: 3, 4. Mr. Kuo
- Chinese 341-342 History of Chinese Novels and Selected Readings 2-2 credits
 Studies are made of selections from works written by famous novelists. The course also explains the development and the position of novels in Chinese literature. Elective: 3, 4. T2:10, 3:10. Mr. Sun
- Chinese 343-344 History of Chinese Drama and Selected Readings 2-2 credits
 Studies are made of the works of famous dramatists. Emphasis is put on: (1) the origin and development of Chinese drama and its literary value, and (2) the organization of dramatic groups and the cultural background of the stage. Elective: 3, 4. TTh 8:00. Mr. Ling

Linguistics and Philology

- Chinese 261-262 Philology 3-3 credits
 Lectures are given on the development of the form, sound, and meaning of Chinese characters. Discussion is carried on concerning the functions of *Liu Shu*, 六書, the six types of word-formation. Elective: 2, 3, 4. Required of Chinese majors. MWF9:20. Mr. Jung
- Chineses 263-264 (99-100) Linguistics 3-3 credits
 This course deals with the elements, structure, and changes of language and gives a general idea of the language groups of the world. Special attention is given to the Sino-Tibetan and Indo-European language groups. Elective: 2, 3, 4. Required of Chinese majors (section B). MWF3:10. Mr. Kao
- Chinese 265-266 (91-92) Phonology 3-3 credits

This course uses the *Kuang Yün* as a basis for comparison of the sound of words before and after the appearance of that book. The elements of phonology will be analyzed so that the student may obtain a general knowledge of that field. Elective: 2, 3, 4. Chinese majors (Sec. B.) required. TTh S 9:20. Mr. C. J. Wang

- Chinese 361 to 366 Chinese Classics (Sec. B.)
Shuo Wen and *Kuang Yün* are used as the principal texts. The former is the fundamental work for understanding Chinese philology, and the latter is equally important for phonology. Elective: 3, 4. Required of Chinese majors 3, 4 (Sec. B.)
- Chinese 361-362 (97) 說文 *Shuo Wen* 3-3 credits
 MWF 10:20. Mr. Jung
- Chinese 363-364 切韻之屬 *Ch'ieh Yün* and Correlated Books 1-1 credits
 Mr. Lu
- Chinese 365-366 爾雅之屬 *Erb Ya* and Correlated Books 1-1 credits
 Mr. Kuo
- Chinese 367 or 368 History of Chinese Philology 3 credits
 This course emphasizes the results of research on philology by past authors and also discusses the differences in their aims and methods. Elective: 3, 4.
- Chinese 369 or 370 History of Chinese Characters 3 credits
 Studies in the forms and classifications of Chinese characters. Individual characters are studied one by one according to the date of their origin. Elective: 3, 4.
- Chinese 371-372 Paleography 3-3 credits
 Studies in the characters found on ancient stones, bronzes, and oracle bones, the story of their discovery and the meaning of the characters. Elective: 3, 4. Required of Chinese majors 3, 4. Mr. Jung
- Chinese 373-374 Comparative Phonology 2-2 credits
 This course presents the main features of sound changes. The sounds of the Standard *Kuo Yü* 國語 are compared with those of other dialects and a study is made of historical changes within the various dialects. Phonetic experiments are conducted. Elective: 3, 4. Required of Chinese majors (Sec. B.)
- Chinese 375 or 376 Studies in Modern Chinese 3 credits

This course deals with the changes in the language used in vernacular literature from the T'ang period on. The material examined, includes the following form: *Pien Wen* 變文, *Ping Hua* 平話, *Ch'uan Ch'i* 傳奇, *Yuan Pen* 院本, *Pao Chüan* 寶卷, and *Yu Lu* 語錄. The attempt is made to discover the linguistic origins of present day Chinese and the relation between language changes and the changes in literary style. Elective: 3, 4. Mr. Tung

- Chinese 377 or 378 History of the *Kuo Yü* 國語 Movement 3 credits
 This course examines the origins, development, and achievement of the *Kuo Yü* 國語 movement. A study is made of *Yang Hsiung's Fang Yen* 揚雄方言 and of later work, such as the modern *Ch'ieh Yin* 切音 method of the past fifty years. An account is given of the conference of standardization of the national language and of possible development in the future. Elective: 3, 4. Mr. Tung
- Chinese 379 or 380 Modern Chinese Dialects 2-2 credits
 The course examines the present distribution of Chinese dialects and studies their origins and changes. The lectures will be accompanied by experiments and field work. Elective: 3, 4.
- Chinese 381 or 382 History of Phonology 3 credits
 This course divides the history of phonology into several periods and studies the changes and developments in each period. Elective: 2, 3, 4. Mr. C. J. Wang
- Chinese 383-384 Ancient Phonology 2-2 credits
 This course applies the principles of phonology to the study of ancient sounds, in order to complete the study of the history of Chinese linguistics. Elective: 3, 4. Required of Chinese majors (Sec. B.). T2:10, 3:10. Mr. Hsü
- Chinese 385 or 386 The Origin and Development of *T'eng Yün* 等韻 3 credits
 The phonology of the Sung Dynasty with special emphasis on the explanation of various terms. Elective: 3, 4.
- Chinese 387 or 388 Westerners on Chinese Phonology 3 credits
 The aim of this course to introduce the results of research by westerners on Chinese phonology. Elective 3, 4. TThS 10:20. Mr. C. J. Wang
- Chinese 389 or 390 (93-94) Etymology 3 credits
 This course studies the meaning of words and illustrates the relationship between etymology and phonology, and between etymology and the forms of characters. Elective 3, 4. Required of Chinese majors (Sec. B.) Mr. Kuo

Chinese 391 or 392 Chinese Grammar 3 credits

The course deals with the elements of Chinese grammar and also analyzes the construction of sentences of ancient and modern Chinese. The differences between Chinese grammar and that of foreign languages are brought out. Elective: 3, 4. Required of Chinese majors (Sec. B). MWF 4:10.

Mr. Kao

Chinese 393-394 Bibliography 2-2 credits

The course classifies and studies the different editions of various books. Students will be given training in the gathering of material on special problems. Elective: 3, 4. F 9:20, 10:20.

Mr. Hou

Chinese 395-396 Practice in Collation 2-2 credits

A study is made of the history of collation and the methods of collation since the Han Dynasty. Students are given practice in collating various editions of the same book. Elective: 3, 4. TTh 4:10.

Mr. Yang

Chinese 461 or 462 Study of *Pu T'zu* 卜辭 3 credits

The course deals with the books on *Pu T'zu* and analyzes the records found on *Pu T'zu*. Elective: 4, 5. TTh 9:20.

Mr. Chü

Chinese 463 or 464 Symbols on Ancient Bronzes 3 credits

The course deals with the books on ancient bronzes and studies the symbols thereon. Elective: 4.

Mr. Jung

Thesis

Chinese 497-498 A (199-200) Graduation Thesis A 2 to 4 credits

A student writes on a special problem under the direction of a professor.

Chinese 497-498 B (199-200) Graduation Thesis B 2 to 4 credits

A student translates under a professor's direction a famous work from a foreign language into Chinese. The amount of work must be equivalent to Chinese 497-498 A.

Chinese 497-498 C (199-200) Graduation Thesis C 2 to 4 credits

A Student of Sec. A may obtain special permission from his thesis adviser to substitute a creative piece of work for a research thesis. The amount of work must be equivalent to Chinese 497-498 A.

Japanese

Japanses 201-202-(1-2) Elementary Japanese 3-3 credits

The student is made familiar with common phrases and grammar, simple conversation, and literary expressions. Credit will not be given unless Japanese-303-304 (3-4) is completed also. Elective: 2, 3, 4. Time to be arranged.

Mr. Liu

Japanese-303-304 (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: 3, 4. Time to be arranged.

Mr. Liu

WESTERN LANGUAGES

H. E. Shadick, B. A.	Professor and Chairman
*Miss Grace M. Boynton, M. A.	Professor
Thomas E. Breece, M. A.	Professor
Miss Margaret B. Speer, M. A.	Professor
Miss Anne Cochran, M. A.	Professor
E. K. Smith, M. A.	Professor (part-time)
Miss E. T. Czech Edle von Rechtensee, Ph. D.	Assistant Professor
George R. Loehr, D. Litt.	Assistant Professor
Mrs. Thomas E. Breece	Lecturer (part-time)
W. Sheldon Ridge, B. A.	Lecturer (part-time)
John Stanley, B. A.	Lecturer (part-time)
Miss Katherine Cherry, B. A.	Instructor
Miss Chou Kuo-p'ing, B. A.	Instructor
Langdon Gilkey, B. A.	Assistant
<hr/>	
L. R. O. Bevan, M. A., LL. B.	Honorary Lecturer
Mrs. Philippe de Vargas, Lic. Litt.	Honorary Lecturer

* On leave of absence, 1940-1941

Mrs. H. E. Shadick
R. Brank Fulton, B. A., B. D.
Rudolph Löwenthal, Ph. D.

Honorary Lecturer
Lecturer (part-time)
Lecturer (part-time)

Li Jung-fang, M. A., Th. D.

Professor in School of Religion

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 101-102 (1-2) and English 205-206 (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 102 (2) and of least "5" in English 205 (5), and in English 211 (35), or 231 (11).

Course A

The Major: At least 44 credits in English including the following:

		credits
English 211 & 212 (35-36)	Introduction to Phonetics and Linguistics	3-3
English 231 & 232 (11-12)	Nineteenth Century English Literature	3-3
English 317 (31)	Advanced Composition I*	3
English 333 & 334 (13-14)	Eighteenth Century English Literature	3-3
English 335 & 336 (17-18)	Seventeenth Century English Literature	3-3

*Students may be exempted from this requirement by examination.

English 337 & 338 (15-16)	English Literature to 1600	3-3
English 343 & 344 (27-28)	Shakespeare	3-3
English 497-498 (199-200)	Senior Thesis	Minimum: 1-1

Correlated Subjects: History 255-256 (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 advanced courses in French or German.

Course B

The Major: At least 38 credits in English including two courses out of this group: *credits*

English 333 & 334 (13-14)	Eighteenth Century English Literature	3-3
English 335 & 336 (17-18)	Seventeenth Century English Literature	3-3
English 337 & 338 (15-16)	English Literature to 1600	3-3
English 343 & 344 (27-28)	Shakespeare	3-3

and all the following:

English 211 & 212 (35-36)	Introduction to Phonetics and Linguistics	3-3
English 231 & 232 (11-12)	Nineteenth Century English Literature	3-3
English 317 (31)	Advanced Composition I*	3
English 325 or 326 (161 or 162)	Methods of Teaching English	3
English 497-498 (199-200)	Senior Thesis	Minimum: 1-1

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

Education 103 (3)	Survey Course in Education	3
*Education 116 (16)	Educational Psychology	3
Education 325 (125)	Secondary Education	3
Education 336 (126)	Methods of Teaching	3

*Psychology 101 (1) must be taken as a prerequisite for Education 116 (16).

THE DIVISION OF FRENCH AND GERMAN

This division gives instruction in the French and German languages. Students may major in French Literature.

The Major: 46 credits as follow:

	<i>credits</i>
English 211 & 212 (35-36) Introduction to Phonetics and Linguistics	3-3
English 371 & 372 (85-86) History of French Literature	3-3
French 305 & 306 (105-106) Nineteenth Century French Literature	3-3
French 309 & 310 (111-112) Eighteenth Century French Literature	3-3
French 311 & 312 (119-120) Seventeenth Century French Literature	3-3
French 313 & 314 (117-118) Contemporary French Literature	3-3
French 497-498 (199-200) Senior Thesis	2-2

Six credits chosen from the following courses:

English 231 & 232(11-22), 333 & 334(13-14), 335 & 336(17-18), 337 & 338 (15-16), 343 & 344(27-28), 367(77), 368(78), 369-370(73-74), 381 & 382, 387 & 388(51-52).

Correlated Subjects: At least 16 credits chosen from the group of correlated subjects listed under the Division of English, Course A. Six credits in the history of France or Europe are required instead of six credits in the history of England.

Note: The Department reserves the right to exclude from the second semester of a course any student who is judged by the Chairman of the Department or the instructor of the course to be not qualified to take it.

ENGLISH

REQUIRED ENGLISH LANGUAGE COURSES

English 101-102 (1-2) Freshman English	4-4 credits
Required: 1. MTWThF 10:20 or 11:20.	
English 203-204 (3-4) Special Sophomore English	4-4 credits
Prerequisite: English 101-102 (1-2). A. MTWTh 9:20. B. MTWTh 2:10.	

Note: Sophomore students whose grade in English 102 (2) was less than "5", are required to take English 203-204 (3-4) instead of English 205-206 (5-6).

English 205-206 (5-6) Sophomore English 4-4 credits

Prerequisite: English 101-102 (1-2). Elective: 2. Section A and section B for students interested in literature; C and D for students interested in the social sciences history, education, and journalism; E and F for students interested in natural sciences and for premedical students. MTW Th 9:20 section A; MTW Th2:10 section B; MTW Th 9:20 sections C and D; MTThF 11:20 section E; MT 2:10, Th F 11:20 section F; MTW Th 11:20 section G.

Note: English 203-204 (3-4) or 205-206 (5-6) is prerequisite for all English courses. English 211-212 (35-36) and 231-232 (11-12) may be taken concurrently with English 205-206 (5-6).

LINGUISTICS, ETC.

English 211 & 212 (35-36) Introduction to Phonetics and Linguistics 3-3 credits

Prerequisite: English 205-206 (5-6) [see note above]. Elective: 2, 3, 4. MWF 9:20 Miss Cochran

English 317 (31) Advanced Composition I 3 credits

Prerequisite: English 205-206 (5-6). Elective: 3, 4. TTh 10:20. Mr. Smith

English 318 (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 317 (31). Elective: 3, 4. Miss Cochran

English 321 & 322 (91-92) Translation from Chinese into English 2-2 or 3-3 credits

Prerequisite: English 205-206 (5-6). Elective: 3, 4 [limited to 15 students].

Not offered in 1940-1941.

English 325 or 326 (161 or 162) Methods of Teaching English 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 and to observe classes in Junior and Senior Middle Schools. The course is not

limited to major students in English but all students must secure the approval of the Chairman of the Department and the instructors before registering for the course. Prerequisite: English 205-206 (5-6). Elective: 3, 4. Time of lectures and teaching hours to be arranged.

Miss Speer & Miss Chou

ENGLISH AND AMERICAN LITERATURE

English 231 & 232 (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 205-206 (5-6) [see note above]. Elective: 2, 3, 4. MWF 10:20. Miss Speer

English 333 & 334 (13-14) Eighteenth Century English Literature 3-3 credits

Prerequisite: English 205-206 (5-6). Elective: 3, 4. TThS 8:00. Mr. Shadick

English 335 & 336 (17-18) Seventeenth Century English Literature 3-3 credits

Prerequisite: English 205-206 (5-6). Elective: 3, 4. Not offered in 1940-1941. Mr. Shadick

English 337 & 338 (15-16) English Literature to 1600 3-3 credits

Prerequisite: English 205-206 (5-6). Elective: 3, 4. Not offered in 1940-1941. Miss Cochran

English 339 (67) English and American Prose 1890-1914. 3 credits

Fiction, drama, and the essay. Prerequisite: English 205-206 (5-6). Elective: 3, 4. MWF 10:20. Miss Cochran

English 340 (68) English and American Prose, 1914 to the Present. 3 credits

Prerequisite: English 205-206 (5-6). Elective: 3, 4. Mr. Smith

English 341 & 342 (69-70) English and American Poetry, 1890 to the Present. 3-3 credits

Prerequisite: English 205-206 (5-6). Elective: 3, 4. Not offered in 1940-1941. Miss Boynton

English 343 & 344 (27-28) Shakespeare 3-3 credits

Prerequisite: English 205-206 (5-6). Elective: 3, 4. MWF 8:00. Mr. Breece

English 351 & 352 (44) American Literature 3-3 credits

Prerequisite: English 205-206 (5-6). Elective: 3, 4. Not offered in 1940-1941. Mr. Breece

WESTERN LITERATURE, OTHER THAN ENGLISH AND AMERICAN

English 263 (93) Chronicle Literature of the Hebrews 3 credits

Elective: 2, 3, 4. Not offered in 1940-1941. Mr. Li

English 264 (94) Prophetic Literature of the Hebrews 3 credits

Elective: 2, 3, 4. Not offered in 1940-1941. Mr. Li

English 265 (75) Poetic Literature of the Hebrews 3 credits

Elective: 2, 3, 4. MWF 2:10. Mr. Li

English 266 (76) Wisdom Literature of the Hebrews 3 credits

Elective: 2, 3, 4. Mr. Li

English 361 & 362 (81-82) The Literature of the Bible. 3-3 credits

Historical and literary setting; place in European and English Literature; literary forms in the Bible; detailed studies of typical forms and books. Prerequisite: English 205-206 (5-6). MWF 11:20. Elective: 3, 4. Mr. Ridge

English 367 (77) Greek Literature in English Translation 3 credits

Prerequisite: English 205-206 (5-6). Elective: 3, 4. TThS 9:20. Miss Czech

English 368 (78) Latin Literature in English Translation 3 credits

Prerequisite: English 205-206 (5-6). Elective: 3, 4. Miss Czech

English 369-370 (73-74) Renaissance Literature 3-3 credits

A general study of Renaissance Literature in Italy, Spain, France, and Germany. Prerequisite: English 205-206 (5-6). Elective: 3, 4. Not offered in 1940-1941.

English 371 & 372 (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 205-206 (5-6). Elective: 3, 4. TTh 11:20 & one hour to be arranged. Mr. Loehr
- English 373 & 374 History of German Literature 3-3 credits
Prerequisite: English 205-206 (5-6). Elective: 3, 4. Time to be arranged. Mr. Loehr
- English 375 & 376 (83-84) History of Russian Literature 2-2 credits
Prerequisite: English 205-206 (5-6). Elective: 3, 4. TTh 3:10. Mrs. Shadick
- English 381 & 382 Studies in the History of the Western Novel 3-3 credits
Prerequisite: English 205-206 (5-6). Elective: 3, 4. Not offered in 1940-1941.
- English 387 & 388 (51-52) Currents of Modern Thought 3-3 credits
Studies in the literary expression of important thought movements: philosophical, scientific, social, and religious. Prerequisite: English 205-206 (5-6). Elective: 3, 4. MWF 3:10. Mr. Gilkey
- English 391 (89) Literary Criticism I 3 credits
Lectures on the history and principles of criticism: reading of standard critical texts: exercises in criticism. Elective: 3, 4. Prerequisite: English 205-206 (5-6). Not offered in 1940-1941. Mr. Shadick
- English 392 (90) Literary Criticism II 3 credits
Introduction to aesthetics and modern critical theory. Prerequisite: English 205-206 (5-6). Elective: 3, 4. Not offered in 1940-1941. Mr. Shadick
- English 497-498 (199-200) Senior Thesis 1-1 or 2-2 credits
- FRENCH
- French 101-102-(1-2) Elementary French 3-3 credits
An introductory course intended for students with a talent for languages. The work of the class is conducted in French. No credit is given unless French-203-204(3-4) is satisfactorily completed also. Elective: 1, 2, 3. MWF 8:00 Section A; MWF 3:10 Section B.
- French-203-204 (3-4) Intermediate French 3-3 credits
Prerequisite: French 101-102-(1-2). Elective: 2, 3, 4. MWF 9:20 Section A; MWF 2:10 Section B.

- French 305 & 306 (105-106) Nineteenth Century French Literature 3-3 credits
Prerequisite: French-203-204 (3-4). Elective: 3, 4. Not offered in 1940-1941.
- French 309 & 310 (111-112) Eighteenth Century French Literature 3-3 credits
Prerequisite: French-203-204 (3-4). Elective: 3, 4. Not offered in 1940-1941.
- French 311 & 312 (119-120) Seventeenth Century French Literature 3-3 credits
Prerequisite: French-203-204 (3-4). Elective: 3, 4. TThS 9:20. Mrs. de Vargas
- French 313 & 314 (117-118) Contemporary French Literature 3-3 credits
Prerequisite: French-203-204 (3-4). Elective: 3, 4. Not offered in 1940-1941.
- French 351 & 352 (151-152) Readings in Special Fields 1-1 credits
Guided readings in French in the student's major field. Prerequisite: French-203-204 (3-4). Elective: 3, 4. One hour to be arranged. Mr. Loehr
- French 497-498 (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 371 & 372 (85-86).

GERMAN

- German 101-102-(1-2) Elementary German 3-3 credits
An introductory course intended for students with a talent for languages. The work of the class is conducted in German. No credit is given unless German-203-204 (3-4) is satisfactorily completed also. Elective: 1, 2, 3. MWF 8:00. Miss Czech
- German-203-204 (3-4) Intermediate German 3-3 credits
Prerequisite: German 101-102-(1-2). Elective: 2, 3, 4. MWF 8:00 Section A; MWF 9:20 Section B. Mr. Löwenthal
- German 301 & 302 (101-102) Studies in German Literature 3-3 credits
Topic for 1940-1941: Selections from the works of Goethe. Prerequisite:

site: German-203-204 (3-4). Elective: 3, 4. Time to be arranged,
Mr. Loehr

German 351 & 352 (151-152) Readings in Special Fields 1-1 credits
Guided readings in German in the student's major field. Prerequisite:
German-203-204 (3-4). Elective: 3, 4. One hour to be arranged.
Mr. Loehr

HISTORY

Ch'i Ssu-ho, M. A., Ph. D.	<i>Assistant 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. Burtt, M. A.	<i>Assistant Professor</i>
Weng Tu-chien, M.A., Ph. D.	<i>Lecturer</i>
Hsiao Cheng-yi, M. A.	<i>Lecturer (part-time)</i>
Nieh Ch'ung-ch'i, B. A.	<i>Lecturer (part-time)</i>
Pei Wen-ch'ung, Sc. D.	<i>Lecturer (part-time)</i>
Wang I-hsiu, M. A.	<i>Instructor</i>
Hou Jen-chih, M. A.	<i>Assistant</i>
Wang Chung-han, M. A.	<i>Assistant</i>
Miss Lo Hsiu-chen, B. A.	<i>Assistant</i>
Miss Chang Wei-ying, M. A.	<i>Assistant (part-time)</i>

Chang Erh-t'ien	<i>Adviser to Graduate Students</i>
Li Jung-fang, M. A., Th. D.	<i>Professor in the School of Religion</i>

The aim of the department is twofold: to enable the general student to acquire an historical insight into the political, economic, and cultural movements of the nations 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.

The department is divided into two sections—Chinese history and West-

ern history. Students should decide upon their specialization before the beginning of their junior year.

Special Requirements: Eight credits of Sophomore English.

The major courses: From 40 to 68 credits in history including:

		<i>credits</i>
History 101-102 (1-2)	General History of China	3-3
History	An introductory course in Western History	3-3
History 272 (161)	Historical Method	2
History 376 (167)	Advanced Historical Method	2
History 497-498 (199-200)	Senior Thesis	1 to 4

In addition to the general requirement listed above, those who wish to specialize in Chinese history should take at least three dynastic histories and one seminar course in Chinese history; while majors in Western history should take at least three introductory courses and two seminars in Western History.

Correlated Subjects: From 20 to 24 credits chosen from historical courses offered in any department or any general course in social science. 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 history students if the study is continued long enough to prepare for the reading of historical works and documents. A reading knowledge of Japanese, French, and German is essential for those who intend to do graduate work in history. Since at least two years of preparatory study are necessary, students who wish to elect a second foreign language are urged to begin the study in their sophomore year, so that they may use these languages for historical reading in the senior year.

CHINA AND ASIA

History 101-102 (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 10:20, MWF 11:20, MWF 11:20. Messrs. Teng & C. H. Wang, Miss Chang		
History 205	History of the Shang and Western Chou Dynasties	2 credits

A brief survey of the origins and developments of Chinese culture down to the end of the Western Chou period based upon reliable sources and archaeological discoveries. Elective: 2, 3, 4. Offered in alternate years. Not offered in 1940-1941. Mr. Ch'i

History 206 (11-12) History of the Ch'un-ch'iu Period 2 credits
A study of the political and social growth of the Chinese people during the period 722-481 B. C. 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 1940-1941. Mr. Ch'i

History 207-208 (13-14) History of the Chan Kuo Period 2-2 credits
A continuation of History 206 (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 taking place during this period. The intellectual development of this period is also discussed in considerable detail. Constant comparison will be made with similar transitional periods in Western history. Elective: 2, 3, 4. Offered in alternate years. TTh 2:10-4:00. Mr. Ch'i

History 209-210 (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 systems, which resulted from it. Prerequisite: History 101-102 (1-2). Elective: 2, 3, 4. Offered in alternate years. TTh 10:20. Mr. Teng

History 211-212 (17-18) The Wei, Tsin, Southern and Northern Dynasties 2-2 credits
This course treats the characteristic institutions of the period 220-589 A. D., the rise and the fall of the "Five Barbarian Tribes", the rise and influence of "Ch'ing Tang", the spread of Buddhism and Taoism, and the rise of social autocracy during this period. Prerequisite: History 101-102 (1-2). Elective: 2, 3, 4. Offered in alternate years. TTh 8:00. Mr. Teng

History 213-214 (19-20) Sui T'ang and Five Dynasties 2-2 credits
A brief survey of 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 101-102 (1-2). Elective: 2, 3, 4.

Not offered in 1940-1941. Mr. Teng
History 215-216 (21-22) The Sung Dynasty 2-2 credits

A general survey of the military unification of the Empire; its political and economic institutions, and its foreign relations with Liao, Hsia, Chin and Yuan; the rise of the so-called "Li-hsueh" and its influence upon the subsequent history of China; literature and art of the period. Prerequisite: History 101-102 (1-2). Elective: 2, 3, 4. T 2:10-4:00. Mr. Nieh

History 217-218 (21-22) The Liao, Chin, and Yuan Dynasties. 2-2 credits
A study of the races involved, the rise and fall of the several dynasties, the evolution of government and diplomacy, and their cultural characteristics. Special attention will be paid to the original sources and the works of modern scholars on the period. Prerequisite: History 101-102 (1-2). Elective: 2, 3, 4. TTh 9:20. Mr. Weng

History 219-220 (23-24) The Ming and Ch'ing Dynasties 2-2 credits
A survey of the accessible source materials of Chinese history during the Ming and Ch'ing Dynasties. Studies in the comparison of political and economic institutions of the two dynasties; the rise of the literate class; the intellectual history of the period. Prerequisite: History 101-102 (1-2). Elective: 2, 3, 4.

Not offered in 1940-1941. Mr. Teng
History 221-222 The Political History of the Ch'ing Dynasty 2-2 credits

The purpose of this course is to survey the political and institutional development of the Chinese people during the Ch'ing Dynasty. This course is divided into three periods: (1) Early Ch'ing period (1636-1736), when political institutions were mainly an adaptation of the Ming system, (2) Middle Ch'ing period (1737-1861), when the process of adaptation was continued, although there began a movement towards originality, (3) Late Ch'ing period (1862-1911), a period of political reforms. Special emphasis is laid on the economic and social forces behind the institutional changes and the efficacy of the laws in practice. Elective: 2, 3, 4. TTh 11:20. Mr. C. H. Wang

History 237-238 (73-74) Modern History of the Far East 3-3 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. MWF 11:20. Mr. Weng

History 239-240 (75-76) General History of Japan 3-3 credits

This course provides a comprehensive study of Japanese history, but lays special emphasis upon the period before and after the Meiji Reformation. It is divided into five parts: (a) Introduction: the natural and social environment; origins of the Japanese race; (b) Ancient History: from pre-and proto-history to the great reform of 645 A. D.; the social and political conditions before and after the introduction of Sinic and Indic culture to Japan; (c) Medieval History: from the great reform to the close of the Heian era; the characteristics of the age of Court Nobles (Kuge); (d) Modern History of the period of Feudal Barons (1183-1867): from the Kamakura Dictators to the decline of the Tokugawa Shogunate; (e) Contemporary History: the period before and after the Meiji Reformation; the internal reforms and external expansion of Japan after adopting Western Culture. The first semester will be devoted to the first four parts, while the last part will be covered in the second semester. Elective: 2, 3, 4. T 2:10-4:00. Mr. Hsiao

SEMINAR COURSES IN CHINESE HISTORY

The purpose of this group of seminar courses is to help the student who has taken the introductory courses in Chinese history and wishes to get a more detailed knowledge in certain fields through assigned readings of standard works and sources on those fields and the writing of reports. In every year only a few of these courses are offered. Students who wish to take these courses must secure the permission of the Chairman of the Department and the instructors. Each course is limited to five students.

History 405-406	Topics in Ancient Chinese History	2-2 credits
Elective: 4, 5.		Mr. Ch'i
History 409-410	Topics in History of the Chin, Han, Wei, Tsin, Southern and Northern Dynasties	2-2 credits
Elective: 4, 5.		Mr. Teng
	Not offered in 1940-1941.	
History 413-414	Topics in History of the Sui, T'ang, and Five Dynasties	2-2 credits
Elective: 4, 5.		Mr. Chang
History 415-416	Topics in History of the Sung Dynasty	2-2 credits
Elective: 4, 5.		Mr. Nieh
	Not offered in 1940-1941.	
History 417-418	Topics in History of the Mongols	2-2 credits

Elective: 4, 5.		Mr. Weng
History 419-420	Topics in History of the Ming and Ch'ing Dynasties	2-2 credits
Elective: 4, 5.		Mr. Teng
History 423-424	Topics in the History of Central Asia	2-2 credits
Elective: 4, 5.		Mr. Weng
	Not offered in 1940-1941.	
History 439-440	Topics in Japanese History	2-2 credits
Elective: 4, 5.		Mr. Hsiao
History 475-476	Topics in Chinese Historiography	2-2 credits
Elective: 4, 5.		Messrs. Hung & Ch'i
	Not offered in 1940-1941.	

WESTERN HISTORY

WESTERN HISTORY BY PERIODS

History 145 (91)	The Historical Foundations of Western Civilization: Greece and Rome	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 Burtt
History 146 (103)	The Historical Foundations of Western Civilization: Middle Ages	3 credits
	A brief survey of the history of the West from the fall of Rome to the fall of Constantinople. Elective: 1, 2, 3. MWF 8:00.	Miss Burtt
History 249-250 (104)	The Expansion of Europe, from the Renaissance to the French Revolution	3 credits
	The flowering of European civilization in the Renaissance period, and the spread of European influence to other continents, from the end of the 15th to the end of the 18th century. Elective: 2, 3, 4. MWF 9:20.	Mr. de Vargas
History 251 (104)	The Era of the French Revolution and Napoleon. 1789-1814	3 credits
	A study of the background and the leading events of the French Revolution, the rise and fall of Napoleon, and the consequences of the French Revolution on the Western World. The development of other European nations during this period will also be treated. Elective: 2, 3, 4. TThS 8:00.	Miss Burtt

History 252 (105) History of the Early Nineteenth Century,
1815-1870 3 credits

In this course special emphasis will be laid on the reactionary conditions under Metternich, the emergence of the fourth estate and the growth of revolutionary movement, and development of nationalism and internationalism. Elective: 2, 3, 4. TThS 8:00. Miss Burtt

History 253-254 (106) History of Modern Europe 1870-1918 3-3 credits

In the first semester, discussions will be centered upon the political, social, economic and cultural development of modern Europe and its external expansion. In the second semester, the international aspects of European history during this period, the pre-war alliances and entente system and the major events and causes leading to the outbreak of the first World War will be studied. Elective: 2, 3, 4. MWF 10:20. Mr. Y.H. Wang

History 153 & 154 (107, 108) Contemporary Western History
Since 1918 3-3 credits

The aim of this course is to help the student to get 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 Western nations. Lectures are given in Chinese but reading materials are mostly in English. Elective: 1, 2, 3, 4. MWF 8:00 Sec. A; MWF 8:00 Sec. B; TThS 9:20 Sec. C; TThS 10:20 Sec. D. Each section is limited to 50 students. Messrs. Ch'i & I. H. Wang

History 255-256 (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 Burtt

History 257-258 (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 is 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 1940-1941. Mr. Ch'i

History 365-366 (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

SEMINAR COURSES IN WESTERN HISTORY

The purpose of this group of seminar courses is to help the student who has taken the introductory courses in Western history and wishes to get a more detailed knowledge in certain fields through assigned readings of standard works and sources on those fields and the writing of reports. Students who wish to specialize in Western history are especially urged to take some of these seminar courses. Each year only a few of these courses are offered. Students who wish to take these courses must secure the permission of the Chairman of the Department and the instructor. Each course is limited to five students.

History 445-446	Topics in Ancient European History	2-2 credits
Elective 3, 4, 5.		Miss Burtt
History 447-448	Topics in Medieval European History	2-2 credits
Elective 3, 4, 5.		Mr. de Vargas
History 449-450	Topics in European Oversea Expansion	2-2 credits
Elective 3, 4, 5.		Mr. de Vargas
Not offered in 1940-1941.		
History 451-452	Topics in Modern European History	2-2 credits
Elective 3, 4, 5.		Mr. I. H. Wang
Not offered in 1940-1941.		
History 453-454	Topics in Contemporary Western History	2-2 credits
Elective 3, 4, 5.		Messrs. Ch'i & I. H. Wang
Not offered in 1940-1941.		
History 455-456	Topics in the History of England	2-2 credits
Elective 3, 4, 5.		Miss Burtt
History 457-458	Topics in the History of the United States	2-2 credits
Elective 3, 4, 5.		Mr. Ch'i
Not offered in 1940-1941.		
History 471-472	Topics in Western Historiography	2-2 credits
Elective 3, 4, 5.		Messrs. Hung & Ch'i
Not offered in 1940-1941.		

HISTORIOGRAPHY AND AUXILIARY SCIENCES

- History 272 (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. W2:10-4:00. Mr. Hung
- History 274 (162) Historical Exercises 2 credits
 Selected topics in Chinese and Western History. Prerequisite: History 272 (161). Elective: 2, 3, 4. Not offered in 1940-1941. Mr. Hung
- History 376 (167) Advanced Historical Method 2 credits
 Advanced work in historical chronology, geography, paleography, bibliography, and interpretation. Prerequisite: History 272. (161) Elective: 3, 4. M 2:10-4:00. Mr. Hung
- History 377-378 (169-170) Selections from Master Historians 2-2 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 portions 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. Not offered in 1940-1941. Mr. Ch'i
- History 279-280 (51-52) Chinese Historical Geography 3-3 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. 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 will also be dealt with. Elective: 2, 3, 4. Not offered in 1940-1941.
- History 281-282 (61-62) Chinese Geography 3-3 credits
 The course is divided into two parts. In the first semester, the geographical characteristics of China as a whole will be dealt with; the second semester will be devoted to a more detailed study of particular districts. Elective: 2, 3, 4. TThS 9:20. Mr. Hou
- History 283-284 World Geography 3-3 credits
 This course deals with the fundamental knowledge of both physical and human geography of the world; such as the formation of the earth and relief, climate and natural landscape, human races and the distribution of

population, etc. Special emphasis is laid on the geographical background of economic development of different nations. Elective: 2, 3, 4. TThS 11:20. Mr. Hou

- History 287-288 Pre-historic Archeology 2-2 credits
 This course deals with the growth of culture before the existence of written records. The general principles and methods of Pre-historic archeology, the recent development of the science in the West and in China will all be systematically studied. Special emphasis will be laid on the technique of conducting excavation work. A part of the class work will be conducted in the laboratory museum. Elective: 2, 3, 4. F 10:20-12:10. Mr. P'ei
- History 289-290 (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. Th1:10. Mr. Li
- History 291-292 (189-190) Study of Chinese Religions as Represented by the Famous Temples of Peiping 3-3 credits
 The purpose of this course is to study the main types of Chinese religion through the visiting and exploration of the sites of the famous temples in the vicinity of Peiping. The class will visit famous temples of historical interest of Peiping and its vicinity twice a month and each student will make a special study of one subject. Some lectures will be supplied for the course. This course is limited to twenty students. Any one wishing to take the course should consult with the Chairman of the Department. Elective: 2, 3, 4. Time to be arranged. Mr. Li
- History 497-498 (199-200) Senior Thesis 1 to 4 credits

PHILOSOPHY

- Yen Ch'un, M.A. Lecturer and Acting Chairman
 *Lucius C. Porter, M.A., B.D., D.D., L.H.D., Professor and Chairman
 Chang Tung-sun, Chü Jen Professor
 Chu Pao-ch'ang, M. A. Lecturer (part-time)
- Chao Tze-Ch'en, M. A., B. D., Litt. D. Professor in the School of Religion
 Howard S. Galt, Ed. D. Professor of Education

* On leave of absence, 1940-1941

Harold E. Shadick, B. A.
 Wu Lei-ch'uan
 R. Brank Fulton, B. A., B. D.
 David M. Paton

Professor of western Languages
Professor of Chinese
Lecturer in the School of Religion
Honorary Lecturer

Special Requirement: Eight credits of Sophomore English, 12 credits of German or French.

The Major: From 50 to 68 credits in philosophy, distributed as follows:

Group 1:	Introduction (all required)	credits
Phil. 101 or 102 (1 or 2) [1]	What Philosophy Is	3
Phil. 103 or 104 (21 or 22) [1]	How We Think	3
Group II:	Histories (all required)	
Phil. 271-272 (71-72) [1]	History of Chinese Philosophy	2-2
Phil. 273-274 (73-74) [1]	History of Western Philosophy	2-2
Phil. 275-276 (75 or 76) [1]	History of Indian Philosophy	2-2
Phil. 277 [3]*	Mediaeval Philosophy	2
Phil. 285-286 (85-86) [2]	Contemporary Philosophy	2-2
Group III:	Schools (one to be chosen out of each pair)	
{ Phil. 221 (121, 122) [2]	Plato	3
{ Phil. 222 (126) [2]	Aristotle	3
{ Phil. 239 (139-140) [2]	Locke, Berkeley, Hume	3
{ Phil. 240 (132, 133-134) [2]	Descartes, Spinoza, Leibniz	3
{ Phil. 279 (102) [2]	Philosophy of the Ju School	2
{ Phil. 280 (101) [2]	Philosophy of the Tao School	2
{ Phil. 281 (107) [2]	Ch'eng-Chu's Philosophy	3
{ Phil. 282 (108) [2]	Lu-Wang's Philosophy	3
{ Phil. 343 (143-144) [2]	Kant	3
{ Phil. 344 (147) [2]	Hegel	3
Group IV:	Topics (one to be chosen out of each pair)	
Phil. 278 (161-162) [3]*	Philosophy of Religion	3

*One to be chosen out of the two

{ Phil. 329 (29) [2]	Metaphysics	3
{ Phil. 330 (30) [2]	Epistemology	3
{ Phil. 341 (57-58) [2]	Aesthetics	3
{ Phil. 342 (41-42) [2]	Ethics	3
{ Phil. 383 (183-184) [3]	Western Social-Political Thought	3
{ Phil. 384 [3]	Philosophy of History	3
{ Phil. 477 (78) [3]	Comparative Philosophy	3
{ Phil. 478 [3]	Language & Thought	3
Group V:		
Phil. 497-498 (199-200)	Senior Thesis	2 to 6

Notes: [1] Courses offered every year
 [2] " " " other year
 [3] " " " third year

Correlated Subjects: 21 to 23 credits required to be taken, one to be chosen from each group.

{ Hist. 101-102 (1-2)	General History of China	3-3
{ Hist. 145 & Hist. 146 (91-92)	The Historical Foundations of Western Civilization	3-3
{ Psychology 101 (1)	General Psychology	3
{ Biology 101 or 102 (1 or 2)	General Biology	5
{ Physics 101-102 (1 or 2)	College Physics I	3-3
{ Chemistry 103-104 (3-4)	Chemistry and Its Application	3-3
{ Sociology 101-102 (1 or 2)	Introduction to the Science of Society	3-3
{ Economics 101-102 (1 or 2)	Elementary Economics	3-3

The Combined Major: By arrangement with the Departments of Chinese, Education, Psychology, 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.

<i>Elective Courses</i>		<i>credits</i>
Phil. 179 (79 or 80)	The Pulse of Chinese Thought	3
Phil. 283-284	The Place of Christianity in Human Culture	3-3
Phil. 288 (188)	Philosophy of Science	2
Phil. 349-350 (49-50)	Christian Ethics	2-2
Phil. 369-370 (169-170)	Christian Thought & Chinese Philosophy	2-2
Phil. 449 (149-150)	History of materialism	3
Chinese 235-236 (55-56)	The Book of Change	2-2
Chinese 237 or 238 (176)	<i>Lun-yü, Meng-tze</i>	3
Chinese 239-240 (173)	<i>Lao-tze, Tsuang-tze</i>	2-2
Chinese 241 or 242 (53 or 54)	<i>Mo-tze</i>	2
Chinese 243-244 (57-58)	<i>Hsin-tze</i>	2-2
Chinese 345 or 246	<i>Han-fei-tze</i>	2
Education 344 (144)	Philosophy of Education	3

INTRODUCTIONS

- Philosophy 101 or 102 (1) What Philosophy is 3 credits
 In simple terms with concrete illustrations from practical experience students are introduced to the meaning and necessity of serious reflection on the major problems of human thought and life. They are encouraged to examine their own standards of truth and of value, to criticize the same and to seek to form a more comprehensive and intelligent philosophic outlook. Elective: 1, 2, 3, 4. MWF 9:20. Messrs. Yen & Porter
- Philosophy 103 or 104 (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. 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, 3, 4.
 Messrs. Chang & Yen

HISTORIES

- Philosophy 179 (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 help 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: Foreign students. Not offered in 1940-1941. Mr. Porter
- Philosophy 271-272 (71-72) History of Chinese Philosophy 2-2 credits
 A survey of Chinese thinking from the Chou Dynasty to recent times. Elective: 2, 3, 4. TTh 11:20. Messrs. Chang & Yen
- Philosophy 273-274 (73-74) History of Western Philosophy 2-2 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: 2, 3, 4. MW 11:20. Mr. Chang
- Philosophy 275-276 (75 or 76) History of Indian Philosophy 2-2 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. MW 11:20. Mr. Chu
- Philosophy 277 Mediaeval Philosophy 2 credits
 Selections from the works of St. Augustine, Thomas Aquinas, Duns Scotus, etc. will be intensively read and discussed. Not offered in 1940-1941.
- Philosophy 285-286 (85-86) Contemporary Philosophy 2-2 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 101 (1) or Philosophy 273-274 (73-74). Elective: 2, 3, 4. TTh 8:00. Mr. Chu or Mr. Chang

Philosophy 449 (149-150) History of Materialism 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. 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 273-274 (73-74). Elective: 4, 5.

Not offered in 1940-1941.

Mr. Chang

Philosophy 477 (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: 4, 5.

Not offered in 1940-1941.

Mr. Porter

SCHOOLS

Philosophy 279 (102) Philosophy of the Ju School 2 credits

Selections from "The Analects", "Mencius", "Hsun Tze". will be carefully read and discussed. Elective: 2, 3, 4.

Not offered in 1940-1941.

Mr. Chang

Philosophy 280 (101) Philosophy of the Tao School 2 credits

Selections from "Tao-Tê-China" & "Chuan Tze", are intensively read and discussed. Elective: 2, 3, 4.

Not offered in 1940-1941.

Mr. Chang

Philosophy 281 (107) Cheng-Chu's Philosophy 3 credits

Intensive reading of the selections from the works of Cheng and Chu. Both lecture and discussion will be conducted in the class. Elective: 2, 3, 4, 5. MWF 10:20.

Mr. Yen

Philosophy 282 (108) Lu-Wang's Philosophy 3 credits

Intensive reading of the selections from the works of Lu & Wang. Both lecture and discussion will be conducted in the class. Elective: 2, 3, 4, 5.

Mr. Yen

Philosophy 221 (121, 122) Plato 3 credits

Selections from his dialogues will be intensively read. Both lecture and discussion will be conducted. Prerequisite: Philosophy 273 (73). Elective: 2, 3, 4, 5.

Not offered in 1940-1941.

Mr. Yen

Philosophy 222 (126) Aristotle 3 credits

The problems of the 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 273 (73). Elective: 2, 3, 4, 5.

Not offered in 1940-1941.

Mr. Yen

Philosophy 239 (139-140) Locke, Berkeley, Hume 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. Prerequisite: Philosophy 273-274 (73-74). TThS 9:20.

Mr. Chang

Philosophy 240 (132, 133-134) Descartes, Spinoza, Leibniz 3 credits

The chief works of Descartes, Spinoza and Leibniz will be carefully read and discussed. Prerequisite: Philosophy 273-274 (73-74). Elective: 2, 3, 4.

Mr. Yen or Mr. Chang

Philosophy 343 (143-144) Kant 3 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 273-274 (73-74). Elective: 3, 4, 5.

Not offered in 1940-1941.

Mr. Chang

Philosophy 344 (147) Hegel 3 credits

Selected readings from Hegel will be made the basis for discussion of the metaphysical and epistemological problems of Idealism. Prerequisite: Philosophy 273-274 (73-74). Elective: 3, 4, 5.

Not offered in 1940-1941.

Mr. Chang

TOPICS

Philosophy 278 (161-162) Philosophy of Religion 3 credits

A study of religion in general with reference to its three fundamental problems, namely those of knowledge, freedom, and permanence of value.

Elective: 2, 3, 4, 5.

Not offered in 1940-1941.

Mr. Porter or Mr. Chao

Philosophy 283-284 The Place of Christianity in Human Culture 3-3 credits

The purpose of this course is to acquaint the students with Christianity as an essential force in human culture by tracing its origin and development, and examining the distinctive features of Christian thought and life in order to evaluate their influence and significance for human life. Elective: 2, 3, 4. MWF 3:10. Mr. Chao

Philosophy 288 (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 103 or 104 (21 or 22). Elective: 2, 3, 4. Not offered in 1940-1941. Mr. Porter

Philosophy 329 (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 1940-1941. Mr. Chang

Philosophy 330 (30) Epistemology 3 credits

A thorough study of the fundamental problems of theory of knowledge. Books of reference; Montague: *The ways of knowing*, Lewis: *Mind and the World order*. Elective: 3, 4, 5. Not offered in 1940-1941. Mr. Chang

Philosophy 341 (57-58) Aesthetics 3 credits

A study of the theories of aesthetics. Prerequisite: Philosophy 101 (1). Elective: 3, 4. Not offered in 1940-1941. Mr. Shadick

Philosophy 342 (41-42) Ethics 3 credits

A thorough study of the important concepts in ethics such as good and evil, right and wrong, virtue, justice, and 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 1940-1941. Mr. Chang or Mr. Yen

Philosophy 349-350 (49-50) Christian Ethics 2-2 credits

A study of Christian ethics in comparison with other ethical theories in order to discover the distinctive characteristics of the Christian type and to

evaluate the significance and influence it has exercised. Prerequisite: Philosophy 342 (41-42). Elective: 3, 4. MW 2:10. Mr. Fulton or Mr. Porter

Philosophy 369-370 (169-170) Christian Thought and Chinese Philosophy 2-2 credits

Elective: 3, 4, 5. Not offered in 1940-1941. Mr. Wu

Philosophy 383 (183-184) Western Social and Political Thinking 3 credits

Plato's *Republic*, Aristotle's *Politics*, selections from the writings of Roman jurists, and Macchiavelli's *Prince*, are carefully read and discussed. Also 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. TThS 10:20. Mr. Porter or Mr. Chang

Philosophy 384 Philosophy of History 3 credits

An exposition of the viewpoints toward the history of all schools, with Comte, Hegel, and Marx being especially emphasized. The theories of Croce, Rickert, and some others will also be discussed. Mr. Chang

Philosophy 478 Language and Thought 3 credits

A study of the various problems concerning the relationship between language and thought, such as how does language communicate thought and so on. "Language and Thought" by W. M. Urban is to be used as reference tentatively. Mr. Chang

Philosophy 497-498 (199-200) Senior Thesis 2-6 credits

Education 344 (144) The Philosophy of Education 3 credits
(See Department of Education)

Prerequisite: Philosophy 101 or 102 (1 or 2) Elective: 2, 3, 4. Mr. Galt

Courses to be offered, 1940-1941 credits

What Philosophy Is [1]—How We Think [1]	3 & 3
History of Chinese Philosophy [1]	2-2
History of Western Philosophy [1]	2-2
History of Indian Philosophy [1]	2-2
The Place of Christianity in human culture	3-3
Contemporary Philosophy [2]	2-2

Ch'eng-Chu's Philosophy [2]—Lu-Wang's Philosophy [2]	3 & 3
Locke, Berkeley, Hume [2]—Descartes, Spinoza, Leibniz [2]	3 & 3
Western Social-Political Thought [3]—Philosophy of History [3]	3 & 3
<i>Courses to be offered, 1941-1942</i>	<i>credits</i>
What Philosophy Is [1]—How We Think [1]	3 & 3
History of Chinese Philosophy [1]	2-2
History of Western Philosophy [1]	2-2
History of Indian Philosophy [1]	2-2
Mediaeval Philosophy [3]—Philosophy of Religion [3]	2 & 3
Plato [2]—Aristotle [2]	3 & 3
Kant [2]—Hegel [2]	3 & 3
Metaphysics [2]—Epistemology [2]	3 & 3
Aesthetics [2]—Ethics [2]	3 & 3
<i>Courses to be offered, 1942-1943</i>	<i>credits</i>
What Philosophy Is [1]—How We Think [1]	3 & 3
History of Chinese Philosophy [1]	2-2
History of Western Philosophy [1]	2-2
History of Indian Philosophy [1]	2-2
Contemporary Philosophy [2]	2-2
Philosophy of the Ju school [2]—Philosophy of the Tao School [2]	2 & 2
Cheng-Chu's Philosophy [2]—Lu-Wang's Philosophy [2]	3 & 3
Locke, Berkeley, Hume [2]—Descartes, Spinoza, Leibniz [2]	3 & 3
Comparative Philosophy [3]—Language and Thought [3]	3 & 3
<i>Courses to be offered, 1943-1944</i>	<i>credits</i>
What Philosophy Is [1]—How We Think [1]	3 & 3
History of Chinese Philosophy [1]	2-2
History of Western Philosophy [1]	2-2
History of Indian Philosophy [1]	2-2
Plato [2]—Aristotle [2]	3 & 3
Kant [2]—Hegel [2]	3 & 3
Metaphysics [2]—Epistemology [2]	3 & 3
Aesthetics [2]—Ethics [2]	3 & 3
Western Social-Political Thought [3]—Philosophy of History [3]	3 & 3

<i>Courses to be offered, 1944-1945</i>	<i>credits</i>
What Philosophy Is [1]—How We Think [1]	3 & 3
History of Chinese Philosophy [1]	2-2
History of Western Philosophy [1]	2-2
History of Indian Philosophy [1]	2-2
Contemporary Philosophy [2]	2-2
Mediaeval Philosophy [3]—Philosophy of Religion [3]	2 & 3
Philosophy of the Ju School [2]—Philosophy of the Tao School [2]	2 & 2
Cheng-Chu's Philosophy [2]—Lu-Wang's Philosophy [2]	3 & 3
Locke, Berkeley, Hume [2]—Descartes, Spinoza, Leibniz [2]	3 & 3

PSYCHOLOGY

Luh Chih-wei, Ph. D.	<i>Professor and Chairman</i>
Randolph C. Sailer, Ph. D.	<i>Professor</i>
+Hsia Yun, M. S.	<i>Lecturer</i>
Lin Chia-t'ung, Ph. D.	<i>Lecturer</i>
Shen Nai-chang, B. S.	<i>Lecturer</i>
Miss Wu T'ien-min, M. A.	<i>Instructor</i>

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 101 or 102 (1 or 2)	General Psychology	3
Psychology 205 (5)	Advanced Psychology I	4
Psychology 206(6)	Advanced Psychology II	4
Psychology 217-218* (117)	Elements of Statistics	3-3

*On leave of absence, 1940-1941

Psychology 305-306 (105-106) Systematic Psychology 2-2
Psychology 497-498 (199-200) Senior Thesis 4 to 6

The senior thesis, amounting to not less than 4 credits of work, must be written on an experimental topic.

Education 116 (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 101 or 102 (1 or 2) General Psychology 3 credits
This course deals with the fundamentals of human nature and behavior, the processes of adjustment and socialization. Elective: 1, 2, 3. MWF 8:00 Section A; TTh S 8:00 Section B. MWF 9:20 section.
Messrs. Luh & Shen

Psychology 205 (5) Advanced Psychology I 4 credits
This course immediately follows Psychology 101 (1). It is an introduction to the date 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 lecture, one period laboratory. Prerequisite: Psychology 101 or 102 (1 or 2). Elective: 2, 3, 4.

Psychology 206 (6) Advanced Psychology II 4 credits
A continuation of Psychology 205 (5). Original behavior, learning, and memory will be studied. Three hours lecture, one period laboratory. Prerequisite: Psychology 101 or 102 (1 or 2) Lecture: MWF 11:20; Laboratory: F 1:10-4:00.

Psychology 209 or 110 (9 or 10) Mental Hygiene 3 credits
A study of common personal problems and difficulties viewed as maladjustments in the development of personality. Elective: 1st semester 2, 3, 4; 2nd semester 1, 2, 3. TThS 8:00.
Mr. Sailer

Psychology 217-218 *(117-118) Elements of Statistics 3-3 credits
This course deals with the elementary principles and methods of statistics, and their application to mental tests and measurements. Prerequisite: Psychology 101 or 102 (1 or 2). Elective: 2, 3, 4. Lecture and laboratory: MW 2:10-4:00.
Mr. Lin

Psychology 241-242 (141-142) Social Psychology 3-3 credits
The individual as he functions in society. Motivations as organized in social institutions. Prerequisite: Psychology 101 or 102 (1 or 2) Elective: 2, 3, 4. TTh 11:20 and group conference to be arranged.
Mr. Sailer

Psychology 251 (151) Psychology of Childhood 3 credits
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 101 or 102 (1 or 2). Elective: 2, 3, 4. MWF 3:10.
Miss Sun

Psychology 252 (152) Readings in Child Psychology 2 credits
Readings and conferences in child psychology. Prerequisite: Psychology 251 (151). Elective: 2, 3, 4. Time to be arranged.

Psychology 301 or 302 (101 or 102) Seminar 3 credits
Prerequisite: Psychology 205 and 206 (5 and 6) or special permission of instructor. Time to be arranged.
Mr. Shen

Psychology 305-306 (105-106) Systematic Psychology 2-2 credits
A systematic study of the theoretical basis of some representative schools, since 19th century. Prerequisite: 10 credits Psychology or permitted by the instructor. Elective: 3, 4, 5. Time to be arranged.
Mr. Luh

Psychology 332 (132) Abnormal Psychology 3 credits
The abnormal in relation to the normal, the insanities, feeble-mindedness. Prerequisite: Psychology 101 or 102 (1 or 2). Elective: 3, 4. TTh 9:20 and visitation in city.

Psychology 361 or 362 (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 101 or 102 (1 or 2).

Psychology 391 or 392 (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 497-498 (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 Hsiieh-chang, Ph. D.
 Howard S. Galt, Ed. D.
 Ouyang Hsiang, Ph. D.
 Miss Tseng Hsiu-hsiang, M. A.
 Liao T'ai-ch'u, M. A.
 Ch'i Yung-k'ang, B. A.
 Hsiieh Hung-k'uei, B. A.
 Li Feng-ke, B. A.
 Miss Liu Ch'ing-yen, B. A.

Professor and Chairman
Professor
Assistant Professor
Lecturer
Instructor
Research Assistant
Assistant
Assistant
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 are required of all students excepts those majoring in rural education.

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.

	<i>credits</i>
Education 103 or 104 (3 or 4)	Survey Course in Education 3
Education 116 (16)	'Educational Psychology 3
Education 325 (125)	Secondary Education 3
Education 336 (126)	Methods of Teaching 3
Education 393 or 394 (173-174)	Practice Teaching 2
Education 497-498 (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 :

		<i>credits</i>
Chinese 329 or 330 (50)	Methods of Teaching Chinese in Middle Schools	3
English 325 or 326 (161 or 162)	Methods of Teaching English	3
Home Economics 442 (102)	Methods of Teaching Home Economics	3
Music 303-304 (101-102)	Teaching Methods and Practice Teaching of Piano	2-2
Mathematics 413-414 (113-114)	Methods of Teaching Mathematics	2-2
P. E. 434	Methods and Materials of Physical Education	3

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

<i>First Year</i>		<i>credits</i>
Chinese 101-102 (1-2)	Freshman Chinese	3-3
English 101-102 (1-2)	Freshman English	4-4
Psychology 101(1)	General Psychology	3
Biology 103-104 (3-4)	Human Biology	3-3
Education 103 (3)	Survey Course in Education	3
Education 116 (16)	Educational Psychology	3
Sociology 101-102 (1-2)	An Introduction to the Science of Society	3-3
Physical Education		1-1
Electives		3

Second Year

Chinese 211 or 212 (17 or 18)	Correspondence	2
Chinese 301 or 302 (31 or 32)	Documentary Composition	2
Education 133 (33)	Introduction to Rural Education	3
Education 203 (103)	Educational Administration in China	3
Education 230 (130)	Elementary Education	3
Education 239 (139)	Educational Sociology	3
Education 256 (146)	Educational Tests and Measurements	3
Physical Education		1-1
Electives		6 to 9

Third Year

Education 240 (140)	Problems of Educational Sociology in China	3
Education 318 (118)	Mass Education	3
Education 325 (125)	Secondary Education	3
Education 336 (126)	Methods of Teaching	3
Education 355 (155)	Normal Education	3
Education 360 (160)	Local Educational Administration and Finance.	3
Education 375	Seminar in China's Frontier Education	3
Physical Education		1-1
Electives		7 to 4

Fourth Year

Education 384 (164)	Problems in Rural Education	3
Education 469 or 470 (169 or 170)	Practicum in Rural Education	4
Education 497-498 (199-200)	Senior Thesis	2
Education R405 (R5)	Field Practice	16
Electives		7

B. Graduates

The graduate course runs for two years. The first three semesters are 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:

		<i>credits</i>
Education 375	Seminar in China's Frontier Education	3
Education 384 (164)	Problems in Rural Education	3
Education 469 (169)	Practicum in Rural Education	4
Education 501 (201)	Duties and Problems of the Middle School Principal	3
Education 514 (204)	New Theories of the Curriculum	3
Education 535-536 (205-206)	Educational Experimentation	3-3
Education 597-598 (299-300)	Graduate Thesis	
Education R534 (R14)	Field Practice	16

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 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 N 201 (N 1) to N410 (N 10) and also:

		<i>credits</i>
Education 230 (130)	Elementary Education	3
Education 256 (146)	Educational Tests and Measurements	3
Education 343 (143)	Educational Theories and Social Problems	3
Psychology 251 (151)	Psychology of Childhood	3

Required Courses for the Two-year Course:

Chinese 101-102 (1-2)	Freshman Chinese	3-3
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English 101-102 (1-2)	Freshman English	4-4
Psychology 101 or 102 (1 or 2)	General Psychology	3
Education 103 or 104 (3 or 4)	Survey Course in Education	3
Education 116 (16)	Educational Psychology	3
Education 230 (130)	Elementary Education	3
Education 343 (143)	Educational Theories and Social Problems	3
Psychology 251 (151)	Psychology of Childhood	3
Physical Education		4

and the courses in Kindergarten and Primary Education, numbered N 201 (N1) to N410 (N10).

Education 103 or 104 (3 or 4) Survey Course in Education. *3 credits*

This survey course is planned as an introduction to the study of education. Classroom work includes brief and general introductions to the several subjects into which studies in education are usually divided, such as: History of Education, Educational Psychology, Methods of Teaching, etc. Besides classroom work each student is expected to make a careful study and review of one book on education, chosen from a list supplied by the instructor. Elective: 1, 2, 3, 4. TThS 8:00 Section A; MWF 9:20 Section B. Mr. Galt

Education 116 (16) Educational Psychology *3 credits*

A study of psychological principles applied to educational problems. Prerequisite: Psychology 101 or 102 (1 or 2). Elective: 1, 2, 3, 4. TThS 10:20. Mr. Luh

Education 133 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 203 (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 230 (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 240 (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. Elective: 2, 3, 4. MWF 1:10.
Mr. Galt

Education 256 (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 318 (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 Tingsien, Tsou-ping, Wusih. Elective: 3, 4, 5. MWF 9:20.
Mr. Liao

Education 325 (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 background 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 From A or B Diplomas. Elective: 3, 4. MWF 11:20.
Mr. Chou

Education 336 (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 343 (143) Educational Theories and Social Problems 3 credits

This course involves an interpretation and application of education from philosophical and sociological points of view. After the number of fundamental theories of education the members of the class will be united to cooperate in selecting important social problems for analysis and discussion. The material will be adapted to the capacities and interests of members of the class as far as possible. Elective: 3, 4, 5. MWF 1:10.
Mr. Galt

Education 347 (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 349-350 (149-150) Comparative Education 3-3 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 355 (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 360 (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 375 Seminar in China's Frontier Education 3 credits

This course aims to acquaint students with the present educational conditions and problems in the Southwest and the Northwest including Yunnan, Kweichow, Chinghai, Tibet, Kansu, Szechuen, Sinkiang and Inner Mongolia. Emphasis is placed on the social, economic and political forces influencing education in these regions. After a general and brief treatment of the data of the respective fields members of the class will be asked to make

individual studies of special problems to be selected according to individual interests. Elective 4, 5. MWF 9:20. Mr. Liao

Education 384 (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. TThS 9:20. Mr. Liao

Education 393 or 394 (173-174) Practice Teaching 2 credits
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 336 (126). Time to be arranged. Mr. Ouyang

Education 469 or 470 (169 or 170) Practicum in Rural Education 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 & Staff.

Education 497-498 (199-200) Senior Thesis 2 to 4 credits
Staff

Education 501 (201) Duties and Problems of the Middle School Principal 3 credits
This course will endeavor to analyse 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 514 (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 535-546 (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 597-598 (299-300) Graduate Thesis The staff

Education R405 (R5) Field Work 16 credits
Required of seniors in rural education. Mr. Liao & Staff

Education R534 Field Work 16 credits
Required of second year graduates in rural education. Mr. Liao & Staff

SPECIAL NORMAL COURSES IN KINDERGARTEN AND PRIMARY EDUCATION

Education N201 (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 8:00. Miss Tseng

Education N202 (N2) Methods of Teaching and Supervising 3 credits
Nursery Schools, Kindergarten and Primary Grades

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 N203 (N3) 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 N204 (N4) 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 2:10. Miss Tseng

Education N205 (N5) 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 N206 (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 3:10. Miss Tseng

Education N307 (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 N308 (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, 9:20. Miss Tseng

Education N409 (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 N410 (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

Bliss Wiant, M. A.

Professor and Chairman

Miss Ruth Stahl, Mus. B.

Professor

Mrs. Bliss Wiant, B. A.

Honorary Lecturer

Mrs. Ernest K. Smith, B. A.

Lecturer (part-time)

Hsü Yung-san, M. A.

Instructor

Miss Gladys Wolpert, B. A.

Instructor

The aim of the Department of Music is to equip students, both as individuals and in groups, for self-expression through music; to train students to become leaders in this type of self-expression; to discover elements of beauty in the music of China and to develop it by European technical methods; to develop an appreciation of the finest expressions in music among all members of the community.

In view of the demand for teachers of music, students interested in training for normal work are advised to prepare for such under the "Form B Diploma Course" offered by the Department of Education.

Piano and voice lessons are provided with credit for qualified persons under certain pre-requisite conditions (please see list of courses for particulars). Instruction is also provided for those students not desiring nor qualified for credit; in such cases consultation with the department head is necessary before registering. As to fees and expenses, students are referred to the *Guidebook for Students* for full information.

There are three types of major work offered in the department:

1. Piano
2. Theory
3. Voice

The Major. General Requirements for All Majors are as follows: credits

Music 101 & 102 (1-2)	Piano	2-2
Music 111-112 (11-12)	Ear Training	3-3
Music 121-122 (21-22)	First Year Harmony	3-3
Music 151-152 (51-52)	History and Appreciation of Music	3-3
Music 223-224 (23-24)	Second Year Harmony	3-3
Music 355-356 (55-56)	History of Chinese Music	2-2

Music 497-498 (199-200)	Thesis: Graduation Recital	2 (or more)	
Additional Requirements for Majors In Piano are as follows:			<i>credits</i>
Music 201 (3), 202 (4), 301 (5), 302 (6)	Piano	8	
Music 303-304 (101-102)	Teaching Methods and Practice Teaching	2-2	
Additional Requirements for Majors In Theory are as follows:			<i>credits</i>
Music 325-326 (25-26)	Counterpoint	3-3	
Music 329-330 (29-30)	Analysis and Form	2-2	
Music 433-434 (33-34)	Composition	2-2	
Additional Requirements for Majors In Voice are as follows:			<i>credits</i>
Music 107 (7), 108 (8), 209 (9), 210 (10)	Voice Culture	8	
Music 305-306 (103-104)	Theory and Practice of Conducting and Voice Training	2-2	

The Combined Major. Qualified students may take a combined major in both the Departments of Education and Music. The fundamental courses in both departments should be elected; thereafter, the remainder of the course of study will be arranged only after consultation with the heads of both departments and the students concerned.

Special Requirements. In addition to the special requirements of the College of Arts and Letters which all students in the College must fulfill, the Music Department requires a second year of both Chinese and English.

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

Music 101 & 102 (1-2)	First Year Piano	2-2	<i>credits</i>
Students able to play satisfactorily a Two-part Invention of Bach, a Haydn or Mozart Sonata, a Songs Without Words by Mendelssohn or works of equal difficulty and quality, may be admitted to the piano courses with credit provided the course be preceded or accompanied by First Year Harmony. Music 121-122 (21-22). In all cases permission must first be secured from the Department Chairman.			
			Miss Stahl or Miss Wolpert

Music 107 & 108 (7-8)	First Year Voice	2-2	<i>credits</i>
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Students who wish to obtain credit for voice lessons must have formed correct habits of breathing, posture, tone production and enunciation and must be able to read at sight simple songs of folk-song grade, sing satisfactorily selections from old Italian masters or simpler songs of Schubert or Schumann. Included in the studies for this first year are vocalises, arias and recitatives from Bach and Handel and the classic composers, German Lieder, songs from Europe in the native tongues, Chinese songs in the national language, oratorio, simple opera arias. This course must be preceded or accompanied by First Year Harmony, Music 121-122 (21-22). In all cases permission must first be secured from the Department Chairman.

Mrs. Smith or Mrs. Wiant

Music 111-112 (11-12)	Ear Training	3-3	<i>credits</i>
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The course includes melodic and harmonic dictation and sight singing. TThS 8:00.

Mr. Hsü

Music 121-122 (21-22)	First Year Harmony	3-3	<i>credits</i>
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Study of scales, intervals, chords; harmonization of both melodies and figured basses; keyboard harmony. MWF 10:20.

Mr. Hsü

Music 131 & 132 (131, 132)	The Yenta Chorus	1-1	<i>credits</i>
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Students may be admitted to the Chorus *with credit* only after consultation with the director. The examination includes knowledge of works studied during the semester. It may be taken individually or in single quartet formations. Th. 6:45 P.M.

Mr. Wiant

Music 151-152 (51-52)	History and Appreciation of Music	3-3	<i>credits</i>
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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. MWF 9:20.

Mr. Wiant

Music 201 & 202 (3-4)	Second Year Piano	2-2	<i>credits</i>
Prerequisite: Music 101 & 102 (1-2).			Miss Wolpert & Miss Stahl

Music 209 & 210 (9-10)	Second Year Voice	2-2	<i>credits</i>
Prerequisite: Music 107 & 108 (7-8).			Mrs. Smith & Mrs. Wiant

Music 223-224 (23-24)	Second Year Harmony	3-3	<i>credits</i>
Prerequisite: Music 121-122 (21-22). A continuation of the work in First Year Harmony with emphasis on original work. MWF 11:20.			

Music 301 & 302 (5-6)	Third Year Piano	Miss Stahl
Prerequisite: Music 201 & 202 (3-4).		2-2 credits
Music 303-304 (101-102)	Teaching Methods and Practice Teaching of Piano	Miss Stahl
Prerequisite: Music 101 (1), 102 (2), 210 (10), 202 (4), 223-224 (23-24).		2-2 credits
Music 305-306 (103-104)	Theory and Practice of Conducting and Voice Training	Miss Stahl
Prerequisite: Music 107 (7), 108 (8), 111-112 (11-12), 121-122 (21-22). Training for choral and orchestral conducting with volunteer groups will be given once a week while coaching of students engaged in practice teaching of voice will consume a second meeting of the class.		2-2 credits
Music 325-326 (25-26)	Counterpoint	Mr. Wiant
Prerequisite: Music 121-122 (21-21). Elementary counterpoint in both free and strict style; particular emphasis upon the development of Chinese melodies through this technique will be employed. MWF 8:00.		3-3 credits
Music 327-328 (27 or 28)	Orchestration	Mr. Wiant
Prerequisite: Music 325-326 (25-26). A study of the character and technique of orchestral instruments and of adapting of music for their use in ensemble. TTh 11:20.		2-2 credits
Music 329-330 (29-30)	Analysis and Form	Mr. Hsü
Prerequisite: Music 223-224 (23-24). This course includes both harmonic analysis and a study of music forms. WF 11:20.		2-2 credits
Music 355-356 (55-56)	History of Chinese Music	Mr. Hsü
A study of the development, changes and theories of Chinese music. TTh 8:00.		2-2 credits
Music 433-434 (33-34)	Composition	Mr. Wiant
Prerequisite: Music 325-326 (25-26). Practical composition in the simple forms including experiments in the arrangement of Chinese melodies.		2-2 credits
Music 497-498 (199-200)	Thesis: Graduation Recital	1-1 (or more) credits
Piano and voice majors present a program of at least an hour of solo work in which it is desirable to include some original work concerned with the		

development of Chinese music; theory majors present an entire program of original compositions in any style but preferably in the field of Chinese musical development.

EXTRA-CURRICULAR ACTIVITIES

The Department of Music sponsors, and in some cases directs the activities of certain individual and group musical life such as: The Chapel Choir, The Orchestra, The Chinese Dramatic Club, The Harmonica Club and various informal singing groups among students.

It also sponsors the teaching of Chinese musical instruments such as the Erh-hu, P'i-p'a, etc; competent teachers of violin are provided; reed organ lessons are given when required; lessons on the new Hammond Electronic Organ may be provided for competent students.

The Fu-shu School (Practice School of the Department of Education) depends upon the students of the Department of Music for its music education.

Concerts of recorded musical masterpieces and popular classics are given during the year, sometimes weekly. These are often combined with recitals of local talent along various lines.

Public recitals of students studying in the department are held monthly. Only those who are under regular training perform at these recitals. Accompanying the vocalists are often fellow-students who are assisted in the art of accompanying.

The department also sponsors public performances of artists both local and from abroad. The Chorus produces annually two oratorios-at Christmas Handel's "Messiah" and in the spring a variety of choral masterpieces.

JOURNALISM

Liu Hoh-hsüan, B. A.
Jao Yin-chih, B. J., M. A.
Rudolph Löwenthal, Ph. D.
Chang Ching-ming, B. A.

Lecturer and Chairman
Lecturer
Lecturer (part-time)
Assistant

Pai Hsü-chih, B. A.

Instructor in Chinese

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. With the special permission of the Chairman of the Department of Journalism, however, students whose Chinese or English is exceptionally good may take less such credits. 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 101-102, (1-2) The Press and Current Affairs, in the freshman year.

The Major: At least 36 credits in journalism including the following courses:

		<i>credits</i>
Journalism 101-102 (1-2)	The Press and Current Affairs	3-3
Journalism 201-202 (101-102)	News Reporting and Writing	3-3
Journalism 301-302 (113-114)	News Editing	3-3
Journalism 303-304 (119-120)	Journalistic Translation	3-3
Journalism 307-308 (123-124)	History of Journalism	2-2
Journalism 397-398 (125-126)	English News Writing and Editing	3-3
Journalism 401-402 (108-109)	Editorial Writing	2-2
Journalism 403-404 (109-110)	Newspaper Management	3-3
Journalism 497-498 (199-200)	Senior Thesis	2-2

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 101-102 (1-2) The Press and Current Affairs *3-3 credits*
 This course 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, and the development and present status of Chinese journalism. In addition to these topics, the question of how to read the

modern daily newspaper will be discussed in detail so that the college student as well as the beginner in journalism may be enabled to have a clear picture of current affairs as recorded in the daily press. Required of freshman students desiring to major in Journalism. Elective: 1, 2, 3, 4. MWF 9:20. Mr. Liu

Journalism 201-202 (101-102) News Reporting and Writing *3-3 credits*

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 101-102(1-2). Elective: 2, 3, 4. MWF 10:20. Mr. Jao

Journalism 301-302 (113-114) News Editing *3-3 credits*

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 the news policy. Two hours of lecture and one hour of laboratory per week. Required of junior students in Journalism. Prerequisite: Journalism 101-102 (1-2), 201-202 (101-102). Elective: 3, 4. Lecture: TTh 11:20; Laboratory: ThF 7:30 p. m. Mr. Liu

Journalism 303-304 (119-120) Journalistic Translation *3-3 credits*

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 analysis 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 101-102. (1-2) .Elective: 3, 4. Time to be arranged. Messrs. Jao & Pai

Journalism 307-308 (123-124) History of Journalism *2-2 credits*

This course deals with the history of the development of the press in different countries, the history of some of the best known modern newspapers, and biographies of successful newspapermen. Required of junior students in Journalism. Prerequisite: Journalism 101-102 (1-2) and 201-202 (101-102). Elective: 3, 4. Time to be arranged. Mr. Löwenthal

Journalism 397-398 (125-126) News Writing and Editing in English *2-2 credits*

This course is intended as a continuation of Journalism 301-302 (113-114) for students who are interested in English newspaper work. Lectures

and practice work in English news writing and editing. Prerequisite: 101-102 (1-2), 201-202 (101-102). Elective: 3, 4. Time to be arranged.

Mr. Jao

Journalism 401-402 (108 or 109) Editorial Writing 2-2 credits

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 analysis of the works of the leading editors both in Chinese and in English. Required of senior students in Journalism. Prerequisite: Journalism 101-102 (1-2), 201-202 (101-102), and 301-302 (113-114). Elective: 4. Time to be arranged.

Messrs. Liu & Pai

Journalism 403-404 (109-110) Newspaper Management 3-3 credits

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 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 101-102 (1-2), 201-202 (101-102), and 301-302 (113-114). Elective: 4. MWF 11:20.

Mr. Jao

Journalism 497-498 (199-200) Senior Thesis 2-2 credits

The Staff

PHYSICAL EDUCATION

K. A. Wee, Ph. D.	<i>Assistant Professor and Chairman</i>
Miss Lu Hui-ch'ing, M. S.	<i>Instructor and Supervisor of the Woman's Division</i>
Po-ert Y. Chao, B. S.	<i>Assistant Professor</i>
Lin Ch'i-wu, M. A.	<i>Lecturer</i>
Mrs. Ruth Huie Chou	<i>Instructor</i>
Miss Gertrude Jacobs, M. A.	<i>Instructor</i>
Kuan Yü-shan, M. A.	<i>Instructor</i>
Ts'ui Yü-pin, B. A.	<i>Instructor</i>

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Liao Fu, B. A.
Miss Sun Yi-fang, B. A.
Wu Jun-fang, B. A.
Yen Hua-t'ang, B. A.

Assistant
Assistant
Assistant
Assistant

Kuo Shao-yü
Mrs. Dorothea Hanwell
Li Chien-hua

Professor of Chinese

A general program is provided for the physical development of students, for developing a sense of rhythm and coordination in physical activities, for encouraging participation in sports which give opportunities for development of social traits, and for teaching skills in interesting games which will have carry over values. A major curriculum is also offered for training of teachers and supervisors of physical education. The Bachelor of Arts degree will be given for completion of the major course.

Required Physical Education: six credits are necessary for graduation; medical and physical examination are compulsory before registration in the required work; and uniforms as prescribed by the department must be used. All students both men and women are required to take one semester each of gymnastics, team sports, and individual sports. Rhythm is required for women students and elective for men. Remaining three terms for men and two for women are for electives.

Required Physical Education For Men

<i>Course No.</i>	<i>Title</i>	<i>Credit</i>	<i>Remarks</i>	<i>Time</i>
Phy. Edu.	Freshman	1-1	For Freshmen,	MW 8:00 Badminton
101-102(11-12)	Sophomore		Sophomore and	Tennis*
201-202(21-22)	and Junior		Junior normal	TTh 8:00 Gymnastics
301-302(31-32)	required		group	MW 8:00 Track and
	course			Field
				MW 9:20 Touch Foot-
				ball

*A fee of \$10 is required for this course

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	TTh	9:20	Western Boxing		
	TTh	9:20	Softball		
	TTh	9:20	Basketball Volleyball		
	WF	9:20	Rhythm		
	MW	10:20	Touch Foot- ball		
	TTh	10:20	Gymnastics		
	TTh	10:20	Softball		
	WF	10:20	Basketball Volleyball		
	MW	11:20	Gymnastics		
	WF	11:20	Soccer Speedball		
	MW	2:10	Basketball Volleyball		
	TTh	2:10	Basketball Volleyball		
	WF	2:10	Track and Field		
	MW	3:10	Gymnastics		
	TTh	3:10	Chinese Boxing		
	WF	3:10	Soccer Speedball		
Phy. Edu. 101 W-102 W (11 W-12 W)			Postural Calisthenics and Rope Exercises	1-1 For Freshmen weak group	T Th 11:20
Phy. Edu. 101 C-102 C			Corrective Exercises for Indivi- dual Cases	1-1 For Freshmen corrective group	TTh 11:20

Phy. Edu. 101 R-102 R			Croquet Golf Basketball Shooting and Other Prescribed Exercises	1-1 For Freshmen restricted group	TTh 11:20
Phy. Edu. 201 W 202 W (21 W-22 W)			Rhythm Deck Tennis Other Pres- cribed Ex- ercises	1-1 For Sophomore weak group	MW 7:00
Phy. Edu. 201 C-202 C			Corrective Exercises for Indivi- dual Cases	1-1 For Sophomore corrective group	MW 7:00
Phy. Edu. 201 R-202 R			Bowling Shuffleboard and Other Prescribed Exercises	1-1 For Sophomore restricted group	MW 7:00
Phy. Edu. 301 W-302 W (31 W-32 W)			Croquet Cottonball Table Tennis	1-1 For Junior weak group	TTh 7:00
Phy. Edu. 301 C-302 C			Corrective Exercises for Indivi- dual Cases	1-1 For Junior corrective group	TTh 7:00
Phy. Edu. 301 R-302 R			Horseshoe Pitching Archery and other Pres- cribed Ex- ercises	1-1 For Junior restricted group	TTh 7:00

Required Physical Education For Women

<i>Course No.</i>	<i>Title</i>	<i>Cr.</i>	<i>Remark</i>	<i>Time</i>
Phy. Edu. T 101 or 102 (T 1 or 2)	Team Sports	1		MW 11:20 TTh 3:10
Phy. Edu. S 101 or 102 (S 1 or 2)	Individual Sports	1		MW 3:10 TTh 10:20
Phy. Edu. G 101 or 102 (G 1 or 2)	Gymnastics	1		MW 10:20 TTh 9:20
Phy. Edu. R 101 or 102 (R 1 or 2)	Rhythms	1		MW 2:10 TTh 8:00
Phy. Edu. A 101 or 102 (A 1 or 2)	Archery & Chinese Boxing	1	Elective course	WF 7:00
Phy. Edu. D 201-202 (D 1 or 2)	Modern Dance	1	Elective course Prerequisite : Phy. Edu. B	MW 9:20
Phy. Edu. Ad. G 203-204 (Ad. G1)	Advanced Gymnastics	1	Elective course Prerequisite : Phy. Educ. G	TTh 11:20
Phy. Edu. Ad. 301-302 (Ad. D2)	Advanced Modern Dance	1	Elective course Prerequisite : Phy. Edu. D	TTh 2:10
Phy. Edu. M 101-102	Modified Activities	1	For students who have been classified by the University Medical Officer as being physically weak	To be arranged

The Major : a minimum of 33 credits in Physical Education including :

	<i>credits</i>
P.E. 211, 212, 311 & 312.	12
P.E. 231	3
P.E. 332	3
P.E. 351-352	6
P.E. 431	3
P.E. 495-496	4
P.E. 497-498	2
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Special Requirements: eight credits of Sophomore English and the following courses are required :

	<i>credits</i>
Physics 111-112 (11-12)	6
Education 336 (126)	3
Biology 202 (52)	5
Psychology 217-218*(117)	3-3
Medicine 5	3
Practical Physics	6
Methods of Teaching	3
Comparative Anatomy	5
Elements of Statistics	3-3
Health Education	3
(If this course is not offered it may be substituted by P.E. 452 Health Education)	<hr/> 20

P.E. 211	Technique of Teaching	3 credits
	Material and technique of teaching Basic Rhythms ; technique of teaching, coaching and officiating of Basket Ball ; five hours a week through the Fall semester. Required of Sophomore major students. MWF 8:00, F 2:10-4:00. Miss Jacobs, Mr. Wee & Mr. Lin.	
P. E. 212	Technique of Teaching	3 credits
	Technique of teaching, coaching and officiating in Volley Ball, Soccer, and	

Track and Field events. Five hours a week through the Spring semester. Required of Sophomore major students. MWF 8:00, F 2:10-4:00.

Mr. Kuan, Mr. Lin, & Miss Lu

- P. E. 213 Technique of Teaching 3 credits
Technique of teaching, coaching, and officiating of Field Hockey, Ice Hockey, Speed Ball and Touch Foot Ball. Five hours a week through the Fall semester. TThS 8:00, Th 2:10-4:00. Elective.
Not offered in 1940-1941. Mr. Wee, Mr. Lin, & Mr. Tsui
- P. E. 214 Technique of Teaching 3 credits
Chinese Boxing and Archery Five hours a week through the Spring semester. TThS 8:00, Th 2:10-4:00. Elective
Not offered in 1940-1941. Miss Lu & Mr. Tsui
- P. E. 231 Principles of Physical Education 3 credits
This course deals with the purpose, nature, and scope of physical education in relation to education as a whole. Details and problems regarding to facilities, program, and management are given special study. Economic, social, and political forces which have bearing to physical education are discussed. MWF 9:20. Mr. Wee
- P. E. 233 History of Physical Education 3 credits
A study of the influences of social, economic, political, and religious factors in the development of physical education from ancient times to the present. Special treatment is given to the origin and development of games and sports. Special emphasis is given to the history of Chinese physical education. MWF 10:20. Elective. Messrs. Lin & Kuo
- P. E. 311 Technique of Teaching 3 credits
Technique of teaching, coaching, and officiating of Base Ball: technique of teaching Gymnastics, Apparatus, and Tumbling. Five hours a week through the Fall semester. Required of Junior major students. MWF 8:00 F 2:10-4:00
Not offered in 1940-1941. Mr. Chao, Miss Lu, & Mr. Wee
- P. E. 312 Technique of Teaching 3 credits
Technique of teaching, coaching, and officiating of Tennis, Badminton, and Paddle Tennis: five hours a week through the Spring semester. Required of Junior major students. MWF 8:00, F 2:10-4:00.
Not offered in 1940-1941. Mr. Wee, Mr. Tsui & Miss Lu
- P. E. 332 Leadership in Play and Recreation 3 credits
This course deals with theories of recreation and general aspects of com-

munity recreation with respect to the opportunities and responsibilities of physical education in the problems. MWF 11:20.
Not offered in 1990-1941. Mr. Lin

- P. E. 351-352 General Kinesiology 3-3 credits
This course is to study body movements and their mechanical and physiological principles, the effect of various types of activities upon the body, and the application of kinesiology to the teaching of physical education. MWF 9:20.
Not offered in 1940-1941.
- P. E. 353 Physical Examination and First Aid 3 credits
This course is to study principles, administration, technique of physical examination and method of recording. This part covers one half of the semester. The other half is devoted to giving a standard course in First Aid. MWF 10:20.
Not offered in 1940-1941. Miss Lu
- P. E. 355 Corrective Physical Education 3 credits
This course is to study body mechanics of abnormal human individuals, teaching of corrective exercises and massage. MWF 10:20.
Not offered in 1940-1941. Miss Lu
- P. E. 358 Tests and Measurements in Physical Education 3 credits
This course is to study technique of tests and measurements in physical activities. TTh 2:10-4:00.
Not offered in 1940-1941. Miss Lu & Mr. Lin
- P. E. 431 Organization and Administration of Physical Education 3 credits
This course covers various aspects of organization and administration especially in middle schools and colleges. Special attention is given to the problems of construction and maintenance of the physical education plant and equipment. Such phases in the program as required physical education, intramural, inter-collegiate sports, and functions of the office are fully considered. MWF 9:20.
Not offered in 1940-1941. Mr. Wee
- P. E. 434 Methods and Materials of Physical Education 3 credits
This course will stress the selection of activities and appropriate method of instruction in physical education. MWF 11:20.
Not offered in 1940-1941. Mr. Lin
- P. E. 452 Health Education 3 credits
This course is to deal with health materials, health problems in schools and

community, with special emphasis in which physical education plays its part in the health program. MWF 9:20.
Not offered in 1940-1941.

P. E. 495-496	Practice Teaching	2-2 credits
	The students will be given actual opportunities in teaching in elementary schools, high schools and colleges with supervision.	
	Not offered in 1940-1941	The staff
P. E. 497-498	Thesis	1-1 or 2 credits
		The staff

THE COLLEGE OF NATURAL SCIENCES

MATHEMATICS

Walter W. Davis, M. S.	<i>Professor and Chairman</i>
Miss Ethel M. Hancock, B. Sc.	<i>Professor</i>
Hsü Hsien-yü, Ph. D.	<i>Lecturer</i>
Liang Chao-keng, B. S., M. M. E.	<i>Lecturer</i>
Li Ming-hsien, B. S.	<i>Instructor</i>
Miss Chang Chi-yi, B. S.	<i>Assistant</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.

The Major: A minimum of 46 credits in Mathematics including: credits
Mathematics 101-102 (1-2) Introduction to Mathematical

	Analysis	3-3
Mathematics 227-228 (27-28)	Intermediate Calculus	3-3
Mathematics 355-356 (55-56)	Advanced Calculus	3-3
Mathematics 497-498 (199-200)	Senior Thesis	2 to 4

And at least 4 courses from the following:

Mathematics 129-130 (29-30)	Modern Geometry	3-3
Mathematics 205-206 (5-6)	Mechanics	3-3
Mathematics 223-224 (23-24)	Analytic Geometry	3-3
Mathematics 331-332 (31-32)	Differential Equations	2-2
Mathematics 333-334 (33-34)	Theory of Equations	2-2
Mathematics 365-366 (65-66)	Theory of Numbers	2-2
Mathematics 467-468 (67-68)	Modern Algebra	3-3

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

The Minor: A minimum of 18 credits in Physics, Chemistry, Biology, Home Economics, Education, History, Chinese, or Western Languages.

Students planning to teach Mathematics are strongly urged to secure the

Form B Diploma of the Department of Education.

Special Requirement: Physics 203-204 (3-4). 3-3 credits

Mathematics 101-102 (1-2) Introduction to Mathematical Analysis 3-3 credits

A unified course in algebra, trigonometry, analytical geometry and calculus, about three-fifths of the time being given to calculus. The course is designed for First Year Science Students. Each section is limited to 20 students. Required of First Year Science Students. MWF 8:00 Section A; MWF 8:00 Section B; MWF 8:00 Section C; TThS 8:00 Section D; TThS 8:00 Section E; TThS 10:20 Section F. (Premedical students take Sec. B or E)

Mr. Davis, Miss Hancock, Mr. Liang, Mr. Li and Miss Chang.

Mathematics 103-104 (3-4) General Mathematics 3-3 credits

A unified course in algebra, trigonometry, analytical geometry and calculus, designed to meet the needs of students in the College of Arts and Letters and the College of Public Affairs. Elective: 1, 2, 3, 4. MWF 11:20. Mr. Li

Mathematics 129-130 (29-30) Modern Geometry 3-3 credits

A course in modern geometry and some geometrical conics. Elective: 1, 2, 3, 4. MWF 11:20. Miss Hancock

Mathematics 205-206 (5-6) Mechanics 3-3 credits

An elementary course in statics and dynamics. Prerequisite: Mathematics 101-102 (1-2) and Physics 101-102 (1-2). Elective: 2, 3, 4. MThF 10:20. Mr. Liang

Mathematics 223-224 (23-24) Analytic Geometry 3-3 credits

The fundamental principles of plane and solid analytic geometry including some work in homogeneous coordinates. Prerequisite: Mathematics 101-102 (1-2). Elective: 2, 3, 4. TThS 10:20. Miss Hancock

Mathematics 227-228 (27-28) Intermediate Calculus 3-3 credits

A second course in differential and integral calculus. Prerequisite: Mathematics 101-102 (1-2). Required of majors in Mathematics. Elective: 2, 3, 4. MWF 8:00 Section A; TThS 8:00 Section B. Mr. Hsü

Mathematics 331-332 (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 227-228 (27-28) Elective: 3, 4. TTh 9:20.

Mr. Davis

Mathematics 333-334 (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 227-228 (27-28). Elective: 3, 4. MW 9:20. Mr. Li

Mathematics 353-354 (53-54) Projective Geometry 3-3 credits

Prerequisite: Mathematics 101-102 (1-2) and Mathematics 129-130 (29-30). Elective: 3, 4. Time to be arranged. Miss Hancock

Mathematics 355-356 (55-56) Advanced Calculus 3-3 credits

A continuation of Math. 227-228 (27-28) arranged with special reference to the needs of students majoring in Mathematics and more advanced science students. Prerequisite: Mathematics 227-228 (27-28). Elective: 3, 4. TThS 11:20. Mr. Liang

Mathematics 365-366 (65-66) Theory of Numbers 2-2 credits

A course in the theory of numbers. Prerequisite: Mathematics 227-228 (27-28). Elective: 3, 4. Time to be arranged. Mr. Liang

Mathematics 381 (81) General Astronomy 2 credits

A course giving the fundamental facts of our universe in a non-technical way. Elective: 3, 4. Not offered in 1940-1941.

Mathematics 391-392 (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 227-228 (27-28). Elective: 3, 4. Time to be arranged. The Staff

Mathematics 413-414 (113-114) Methods of Teaching Mathematics 2-2 credits

Elective: 4. Time to be arranged. Miss Hancock

Mathematics 421-422 (121-122) Functions of a Complex Variable 3-3 credits

An introductory course on the theory of elementary functions of a complex variable. The general method which is adopted is not limited, so that it may conform to any single one of the three principal independent methods due to Cauchy, to Weierstrass and to Riemann. A brief account of the theory of logarithmic potential will be given. Prerequisite: Mathematics 355-356 (55-56) Elective: 4. Time to be arranged. Mr. Hsü

Mathematics 497-498 (199-200) Senior Thesis 1 to 4 credits

The Staff

PHYSICS

William Band, M. Sc.
 Ch'u Sheng-lin, Ph. D.
 Ch'en Shang-yi, Ph. D.
 Liu Mao-ling, B. S., B. E. E.
 Tu Lien-yueh, M. S.
 Ch'eng Li-ch'ang, M. S.
 Mo Wen-ch'uan, M. S.
 Cheng Kuan-sen, M. S.
 Lü Chih-ch'in

Professor and Chairman
Assistant Professor
Lecturer
Lecturer
Instructor
Instructor
Instructor
Assistant
Assistant

Samuel M. Dean M. M. E., M. Arch. E.

Honorary Lecturer

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.

The Major: No student will be accepted as a major student unless he has obtained a grade more than "5" in physics 101-102 (1-2) and "5" in Mathematics 101-102 (1-2).

A major student should take not less than 36 or more than 50 credits in physics including:

		<i>credits</i>
Physics 203-204 (3-4)	College Physics II	4-4
Physics 401-402 (123-124)	Modern Physics	4-4
Physics 491-492 (91-92)	Journal Club	1-1
Physics 497-498 (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:		<i>credits</i>
Physics 305-306 (105-106)	Advanced Optics	4-4
Physics 331-332 (25-26)	Laboratory Techniques	2-2
Physics 335 (108)	Photography	2

The program in electrical physics includes:

		<i>credits</i>
Physics 307-308 (109-110)	Electricity and Magnetism	4-4
Physics 331-332 (25-26)	Laboratory Techniques	2-2
Physics 337-338 (21-22)	Radio	3-3

The program in general physics includes:

Physics 305-306 (105-106)	Advanced Optics	4-4
Physics 307-308 (109-110)	Electricity and Magnetism	4-4

The Minor: A student majoring in physics should choose one of the following minor subjects:

Pre-engineering: All courses specially prepared for pre-engineers must be taken.

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:

		<i>credits</i>
Mathematics 205-206 (5-6)	Statics and Dynamics	3-3
Mathematics 355-356 (55-56)	Advanced Calculus	3-3
Physics 301-302 (101-102)	Advanced Mechanics	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:

		<i>credits</i>
Chemistry 201 (11)	Qualitative Analysis	4
Chemistry 204 (14)	Elementary Physical Chemistry	4
Chemistry 331-332 (31-32)	Physical Chemistry	4-4
Chemistry 431 (151)	Chemical Thermodynamics	2

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:

		<i>credits</i>
Biology 202 (52)	Comparative Anatomy of the Vertebrates	5
Biology 301 (101)	Genetics	3
Biology 302 (102)	General Embryology	3

Biology 303-304 (103-104) Biological Technique 4-4
Special Requirements: Mathematics 227-228 (27-28) 3-3
 Intermediate Calculus

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

Research Assistantships: Every year between 6 and 8 research assistants are appointed. These assistantships are open to candidates entering the Post-graduate Yuan, and are tenable for ten months at first, and renewable yearly. Holders are expected to give half time to work for the Department, and half to research for the degree of Master of Science. The remuneration is determined by the University Administration on a uniform basis each year.

Physics 101-102 (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: MW 9:20 Section A; TTh 9:20 Section B. Laboratory: One period per week to be arranged. Mr. Ch'u

Physics 111-112 (11-12) Practical Physics 3-3 credits
 A course planned especially for students of the College of Arts and Letters and the College of Public Affairs. The enrollment is limited to 28 students. Preference to Physical Education Sophomore. Elective: 1, 2. Lecture: TTh 10:20. Laboratory: M 8:00-11:10 Section A; T 1:10-4:00 Section B. Mr. Mo

Physics 203-204 (3-4) College Physics II 3-3 credits*
 Optics, electricity, and magnetism. Prerequisite: Physics 101-102(1-2) Elective: 2, 3, 4. Lecture: MFS 9:20 Section A; TTh 9:20 Section B; TTh 10:20 Section C. Laboratory: One period per week to be arranged. Messrs. Band & Ch'eng

Physics 221 Mechanical Drawing 3 credits
 Specially arranged for pre-engineering students, 5 hours laboratory per week. F 1:10-6:00 p. m. Mr. Dean

* Note : 4-4 credits for major students who enroll in Section A.

Physics 222 Descriptive Geometry 3 credits
 Specially arranged for pre-engineering students, 5 hours laboratory and discussion per week. Mr. Liu

Physics 223 (23) Hydraulics 3 credits
 Three lectures per week arranged specially for pre-engineering students as an introductory course. Prerequisite: Phys. 101-102 (1-2). Elective: 2, 3. TThS 10:20. Mr. Liu

Physics 224 Strength of Materials 2 credits
 Specially arranged for pre-engineering students, with emphasis on practical aspects of subject. Prerequisite: Phys. 101-102 (1-2) F 1:10-6:00 p.m. Mr. Dean

Physics 301-302 (101-102) Advanced Mechanics 3-3 credits
 Prerequisite: Phys. 101-102 (1-2), Math. 205-206 (5-6) and 227-228 (27-28). TThS 8:00. Mr. Tu

Physics 303-304 (129-130) Introduction to Theoretical Physics 3-3 credits
 Prerequisite: Phys. 101-102 (1-2), 203-204 (3-4), and Math. 227-228 (27-28). MWF 8:00. Mr. Band

Physics 305-306 (105-106) Advanced Optics 4-4 credits
 Prerequisite: Phys. 101-102 (1-2), Math. 227-228 (27-28). Elective: 3, 4. Lecture: TThS 9:20; Laboratory: WF 1:10-4:00. Mr. Ch'eng

Physics 307-308 (109-110) Electricity and Magnetism 4-4 credits
 Prerequisite: Phys. 101-102 (1-2), 203-204 (3-4), and Math. 227-228 (27-28). Elective: 3. MWF 10:20. Laboratory: TTh 1:10 4:00. Mr. Ch'eng

Physics 319-320 Machine Design/Arch. Drawing 1-1 credits
 Specially arranged for pre-engineering students. F 10:20-12:10. Mr. Dean

Physics 321-322 Engineering Mechanics 3-3 credits
 Specially arranged for pre-engineering students. Prerequisite: Phys. 101-102 (1-2). MWS 9:20. Mr. Liu

Physics 323 Heat Engines 2 credits
 Specially arranged for pre-engineering students. Text: "Heat Engines" Ripper. F 8:00-10:10. Mr. Dean

Physics 324 Power Plant Equipment 2 credits
Specially arranged for pre-engineering students. Based on the complete
equipment in the University Power House. F 8:00-10:10.

Mr. Dean

Physics 327-328 Electrical Engineering 4-4 credits
Specially arranged for pre-engineering students. 3 lectures and labor-
atory. Prerequisite: Phys. 203-204 (3-4) & Math. 227-228 (27-28).

Mr. Liu

Physics 331-332 (25-26) 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 labora-
tory work. Prerequisite: Physics 303-304(3-4). Elective: 3, 4.

Physics 335 (107) Photography 2 credits

Two laboratory-discussion periods per week, covering elementary tech-
niques of taking, developing, printing, enlarging, color photography,
photography of infra-red and ultraviolet, potography applied to spectros-
copy. The elementary theory of all these processes is discussed during
the laboratory work. Prerequisite: Concurrently with Physics 305-306
(105-106). Elective: 3, 4. T 8:00, 1:10-4:00.

Mr. Mo

Physics 337-338 (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 12
students. Prerequisite: Phys. 101-102 (1-2). Elective: 2, 3. Lec-
ture: TTh 9:20; Laboratory: WF 1:10-4:00. Messrs. Tu & Ch'eng

Physics 350 (50) Biophysics 2 credits

Two laboratory discussion periods per week specially arranged for pre-
medical students. Prerequisite: Phys. 101-102 (1-2), 203-204 (3-4).

Mr. Mo

Physics 401-402 (123-124) Modern Physics 4-4 credits

Prerequisite: Phys. 101-102 (1-2), 203-204 (3-4), and Math. 227-
228 (27-28). Elective: 4, 5. Lecture: MWF 10:20; Laboratory:
WTh 1:10-4:00.

Mr. Ch'u

Physics 491-492 (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. T 8:00 p. m. The Staff

Physics 493 Engineering Practice 3 credits
Individual experience in practical work of engineering type.

Mr. Creighton

Physics 494 Engineering Orientation 3 credits
Individual tuition aimed at tying up academic studies with actual situ-
ations met with in this country.

Mr. Dean

Physics 497-498 (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 con-
ference with the Chairman of the Department.

Physics 501-502 (205-206) Relativity Theory Mr. Band

Physics 507-508 (121-122) Advanced Electricity and Magnetism 3-3 credits
Prerequisite: Phys. 307-308 (109-110) and Math. 227-228 (27-28).
W 9:20, TF 10:20.

Mr. Ch'en

Physics 511-512 (207-208) Quantum Theory Mr. Ch'u

Physics 519-520 (209-210) Nuclear Physics Mr. Ch'u

Physics 521-522 (211-212) Statistical Mechanics Mr. Band

Physics 525-526 (213-214) Atomic Structure & Spectroscopy Mr. Ch'en

Physics 535 (215) Molecular Spectroscopy Mr. Ch'u

Physics 536 (216) Applied Spectroscopy Mr. Ch'en

CHEMISTRY

Ts'ai Liu-sheng, Ph. D.

Professor and Chairman

William H. Adolph, Ph.D.

Professor

*Earl O. Wilson, Sc. D.

Professor

Staney D. Wilson, Ph. D.

Professor

Chang Tzu-kao, B. S.

Visiting Professor

Ch'eng Ching-yü, Ph. D.

Lecturer

* On Leave of absence, 1940-1941.

Ts'ao Ching-p'an, B. A.
Yü Shih-chou, M. S.
Ch'en Shang-chin, B. S.
Fang Hsing, B. S.
Liang Chih-ch'uan, B. S.
Li Chia-kuang, B. S.
Wu Tsu-fen, B. S.

Instructor
Assistant
Research Assistant
Research Assistant
Research Assistant
Research Assistant
Research Assistant

Ling Ch'i-chun, B. Cer. E.

Honorary Advisor 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.

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

		credits
Chemistry 101 or 102 (1 or 2)	General Inorganic Chemistry	5
Chemistry 201 and 202A (11 and 16A)	Analytical Chemistry	4-4
Chemistry 321-322 (21-22)	Organic Chemistry	4-4
Chemistry 331-332 (31-32)	Physical Chemistry	4-4
Chemistry 497-498 (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.

	credits
<i>Special Requirements:</i> Physics 203-204 (3-4)	3-3
Mathematics 227-228 (27-28)	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 101 or 102 (1 or 2) General Inorganic Chemistry 5 credits
A course in general inorganic chemistry covering both 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. Lecture: MWF 9:20 Section A; TTh 8:00, F 9:20 Section B; TTh F 9:20 Section C. Laboratory: MTh 1:10-4:00 Section A; TF 1:10-4:00 Section B; W 1:10-4:00, S 9:20-12:10, Section C. Mr. Chang

Chemistry 103-104 (3-4) Chemistry and Its Application 3-3 credits
This is an introductory course, covering the general field of chemistry with special emphasis on the application of chemistry and life. For students of the College of Arts and Letters and the College of Public Affairs, Lecture: MW 9:20. Laboratory: T 1:10-4:00 Section A; Th 1:10-4:00 Section B. Time of Section C to be arranged. Mr. Ts'ao

Chemistry 201 (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 101 or 102 (1 or 2). Lecture: T 10:20, S 9:20 Section A; WF 8:00 Section B; TTh 9:20 Section C. Laboratory: MF 1:10-4:00 Section A; TTh 1:10-4:00 Section B; W 1:10-4:00, S 9:20-12:10 Section C. Mr. Ch'eng

Chemistry 202 A (16 A) Quantitative Analysis 4 credits
Elementary gravimetric and volumetric analysis. One conference and nine laboratory hours. Prerequisite: Chemistry 201 (11). T 9:20, MWF 1:10-4:00 Mr. Ch'eng

Chemistry 202 B (16B) Quantitative Analysis 3 credits
Elementary gravimetric and volumetric Analysis. One conference and six laboratory hours; for pre-medical students. Prerequisite: Chemistry 201 (11). Th 9:20, TTh 1:10-4:00. Mr. Ch'eng

Chemistry 204 (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 201 (11) and Physics 101-102 (1-2). TTh 8:00, MW 1:10-4:00 Section A; WF 8:00, TTh 1:10-4:00 Section B. Mr. Adolph

Chemistry 321-322* (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 gen-

eral principles. Students who later take work in biochemistry may receive credit for Chemistry 321 (21) without taking Chemistry 322 (22). Prerequisite: Chemistry 202 or 204 (16 or 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 331-332 (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 321-322* (21-22), and Mathematics 227-228 (27-28). Lecture: TTh S 11:20; Laboratory: W or F 1:10-4:00. Mr. Ts'ai

Chemistry 401 (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 202 A and 321 (16 A and 21). Lectures and conferences: TTh 10:20; Laboratory: MW 1:10-4:00. Mr. Adolph

Chemistry 402 (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 401 (117). Six laboratory hours and two lecture conferences to be arranged. Mr. Adolph

Chemistry 404 (143) Chemistry of the Proteins 2 credits

Prerequisite: Chemistry 401 (117) or the equivalent. Time to be arranged. Mr. Adolph

Chemistry 405 & 406 (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 401 (117). Time to be arranged. Mr. Adolph

Chemistry 407 (146) Chemistry of the Colloidal State 2 credits

A study of the fundamental conceptions of colloid chemistry. Lectures and conferences. Prerequisite: Chemistry 204 (14) or 332 (32). Time to be arranged. Mr. Adolph

Chemistry 411-412 (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 202 A and 322 (16 A and 22). MWF 9:20. Not offered in 1940-1941. Mr. E. O. Wilson

Chemistry 413 (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 321-322* (21-22) and 331-332 (31-32). Time to be arranged. Mr. Yü

Chemistry 414 (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 321 and 331 (21 and 31). Mr. Yü

Chemistry 417 (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 202 A (16 A). Mr. E. O. Wilson

Chemistry 418 (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 332 (32) and 412 (122). Mr. E. O. Wilson

Chemistry 421 & 422 Advanced Organic Chemistry 3-3 credits (133-134)

Lectures of a more advanced nature than those given in Chemistry 321-322 (21-22); reports on the current literature of organic chemistry. Students without adequate laboratory training in organic chemistry must elect Chemistry 423-424 (135-136) with this course. Credit may be

given for one semester without the other. Prerequisite: Chemistry 322 (22). Time to be arranged. Mr. S. D. Wilson

Chemistry 423 & 424 (135-136) Organic Preparations 2-2 credits
Organic preparations of a more advanced type than those offered in Chemistry 321-322* (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 322 (22). Time to be arranged. Mr. S. D. Wilson

Chemistry 425 (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 322 (22). Time to be arranged. Mr. S. D. Wilson

Chemistry 427 (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 322 (22). Time to be arranged. Mr. S. D. Wilson

Chemistry 429 Medicinal Products 2 credits
A study of the methods and the principles for the synthesis of the official drugs. Prerequisite: Chemistry 321-322* (21-22). Time to be arranged. Mr. Ch'eng

Chemistry 431 (151) Chemical Thermodynamics 2 credits
Prerequisite: Chemistry 332 (32). Time to be arranged. Mr. Ts'ai

Chemistry 432 (152) Photochemistry 2 credits
Prerequisite: Chemistry 332 (32). Time to be arranged. Mr. Ts'ai

Chemistry 442 (156) History of Chemistry 1 credits
A general survey of the main developments of chemistry as a science. Supplementary readings from various sources will be assigned. Time to be arranged. Mr. Chang

Chemistry 451 A (153 A) 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 con-

sultation with the instructors offering advanced courses. Prerequisite: Permission of the instructor under whom the work is to be done.

Chemistry 451B (153B) Special Problems 2 credits
A course similar to Chemistry 451A (153A).

Chemistry 452A (154A) Special Problems 4 credits

Chemistry 452B (154B) Special Problems 2 credits

Chemistry 497-498 (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.

BIOLOGY

Li Ju-ch'i, Ph. D.	Professor and Chairman
Miss Alice M. Boring, Ph. D.	Professor
Chenfu F. Wu, Ph. D.	Professor
Ts'ui Yu-lin, M. S.	Lecturer
Lin Ch'ang-shan, M. S.	Instructor
Miss Hsüeh Mu-lien, B. S.	Assistant
Miss Lu Wan-ch'ing, M. S.	Assistant

The functions of the department are to provide the biology courses necessary (a) to prepare students for teaching or research in several phases of biology, (b) for premedical training, (c) for the special curriculum in physical education training and (d) to provide the elementary biology required of all students in the College of Natural Sciences and also a more popular elective course for non-science students.

Requirements for Graduation	credits
Chinese	10
English	16
Physical Education	6
Hygiene	1
Mathematics 101-102 (1-2)	6
Physics 101-102 (1-2)	6

Chemistry 101 or 102 (1 or 2)	5
Biology 101 or 102 (1 or 2)	5
Social Sciences	6
Arts (Hist. Educ. Lit. or Phil.)	6
Major	32-45
Minor or Correlated Subjects	12-16
Electives	32-15
Total	143

Curricula The Department offers three different curricula leading to the degree of Bachelor of Science. They are (1) Major in Biology, (2) Major in Economic Entomology, and (3) Major in Pre-medicine. The programs for studies prescribed for these curricula are given in the following pages.

Curriculum I: Major in Biology

SOPHOMORE			
Chinese 203 (21)	2	Chinese 302 (22)	2
English 205 (5)	4	English 206 (6)	4
Biol 201 (51) or Biol. 209 (109)	4	Biol. 202 (52) or Biol. 210 (110)	4
*Correlated Subject	4	*Correlated Subject	4
Soc. Sci. or Art Elective	3	Soc. Sci. or Arts Elective	3
Phys. Educ. 201 (21)	1	Phys. Educ. 202 (22)	1
	18		18
JUNIOR			
Biol. 209 (109) or Biol. 201 (51)	4	Biol. 210 (110) or Biol. 202 (52)	4
Biol. 301 (101)	3	Biol. 302 (102)	3
*Correlated Subject	3	Biol. 304 (103)	4
Arts or Soc. Sci. Elective	3	*Correlated Subject	3
Electives	3	Arts or Soc. Sci. Elective	3

*The Correlated Subjects are to be elected by each student according to the advice of the Major Professor.

Phys. Educ. 301 (31)	1	Phys. Educ. 302 (32)	1
	17		18
SENIOR			
Biol. 403 (153)	1	Biol. 404 (154)	1
Biol. 497 (199)	2	Biol. 498 (200)	2
Electives	13	Electives	13
	16		16

Curriculum II: Biology Major In Economic Entomology

SOPHOMORE			
	credits		credits
Chinese 203 (21)	2	Chinese 302 (32)	2
English 305 (5)	4	English 206 (6)	4
Biol 201 (51)	4	Biol 210 (110)	4
*Correlated Subject	4	*Correlated Subject	4
Soc. Sci.	3	Soc. Sci.	3
Phys. Educ. 201 (21)	1	Phys. Educ. 202 (22)	1
	18		18
JUNIOR			
	credits		credits
Biol. 209 (109)	4	Biol. 304 (103)	4
Biol. 311 (106)	4	Biol. 312 (112)	4
Psy. Educ. or Hist.	3	Psy. Educ. or Hist.	3
*Correlated Subject	3	*Correlated Subject	3
Phys. Educ. 301 (31)	1	Phys. Educ. 302 (32)	1
Electives	2	Electives	3
	17		18

* Chemistry 201 (11) and 204 (14) and Economics 101-102 (1 or 2) constitute the requirements for Correlated Subjects.

SENIOR			
	<i>credits</i>		<i>credits</i>
Biol. 403 (153)	1	Biol. 302 (102)	3
Biol. 465A (165 A)	4	Biol. 404 (154)	1
Biol. 497 (199)	2	Biol. 466 A (166 A)	4
Electives	9	Biol. 498 (200)	2
		Electives	6
	<hr/>		<hr/>
	16		16

Curriculum III: Biology Major in Pre-Medicine

SOPHOMORE			
	<i>credits</i>		<i>credits</i>
English 205 (5)	4	English 206 (6)	4
Biology 201 (51)	4	Biology 202 (52)	4
Chemistry 201 (11)	4	Chemistry 204 (14)	4
Physics 203 (3)	3	Physics 204 (4)	3
Soc. Sci. or Arts Elective	3	Soc. Sci. or Arts Elective	3
Phys. Educ. 201 (21)	1	Phys. Educ. 202 (22)	1
	<hr/>		<hr/>
	19		19

JUNIOR			
	<i>credits</i>		<i>credits</i>
Chinese	3	Chinese	3
Biology 301 (101)	3	Phys. 350 (50)	2
Chemistry 321 (21)	4	Chemistry 202 B (16B)	3
Soc. Sci. or Arts Elective	3	Soc. Sci. or Arts Elective	3
Phys. Educ. 301 (31)	1	Phys. Educ. 302 (32)	1
Electives	3	Electives	5
	<hr/>		<hr/>
	17		17

SENIOR*			
	<i>credits</i>		<i>credits</i>
Biology 209 (109)	4	Biology 302 (102)	3
Biology 403 (153)	1	Biology 304 (103)	4
Biology 497 (199)	2	Biology 404 (154)	1
Electives	9	Biology 498 (200)	2
		Electives	6
	<hr/>		<hr/>
	16		16

* The requirements for the senior year may otherwise be fulfilled by the completion of the first year Medical work at the Peiping Union Medical College.

Biology 101 or 102 (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 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).
 Miss Boring

Biology 103-104 (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. The enrolment is limited to 105 students. Elective: 1, 2 (non-science students). Lecture: 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 9:20-12:10 Section C.
 Mr Ts'ui

Biology 201 (51) Invertebrate Zoology 4 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 101 (1). Elective: 2, 3. Lecture:

MW 10:20. Laboratory: MW 1:10-4:00 Section A (24 students);
TTh 1:10-4:00 Section B (24 students). Mr. Wu

Biology 202 (52) Comparative Anatomy of Vertebrates 4 credits
A comparative study of the anatomy of vertebrate animals, emphasizing the history of the human body, with the dissection of several animals especially the dog. Prerequisite: Biology 101 (1). Elective: 2, 3. Lecture: WF 10:20. Laboratory: MW 1:10-4:00 Section A; TTh 1:10-4:00 Section B. Miss Boring

Biology 209 (109) Animal Physiology 4 credits
An experimental study of the functions of tissues and organs of animals with special emphasis on man. Prerequisite: Biology 101 (1). Elective: 2, 3, 4. Lecture: TTh 8:00. Laboratory: MW 1:10-4:00. Mr. Li

Biology 210 (110) 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 101 (1). Elective: 2, 3, 4. Lecture: TTh 8:00; Laboratory: TTh 1:10-4:00. Mr. Wu

Biology 301 (101) 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 201 (51) and 202 (52). Elective: 3, 4, 5. Lecture: WF 8:00; Laboratory: F 1:10-4:00. Mr. Li

Biology 302 (102) 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 201 (51) and 202 (52). Elective: 3, 4, 5. Lecture: WF 8:00; Laboratory: F 1:10-4:00. Mr. Li

Biology 304 (103) Biological Technique 4 credits
Principles and practice of making microscopic preparations. Guyer's *Animal Micrology* will be followed. Prerequisite: Biology 201 (51) and 202 (52). Elective: 3, 4, 5. Lecture: MW 8:00; Laboratory: MW 1:10-4:00. Mr. Wu

Biology 305 (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 the reaction of various chemicals will be studied, thus constituting a foundation for the study of microscopic technique. Prerequisite: Biology 201 (51) and 202 (52). Elective: 3, 4, 5. Lecture: TTh 10:20; Laboratory: MW 1:10-4:00. Miss Boring

Biology 307 Vertebrate Zoology 4 credits
A study of the vertebrate groups with special emphasis on their evolutionary relationships and geographic distribution. Prerequisite: Biology 101 (51) and 202 (52). Elective: 3, 4, 5. Time to be arranged. Miss Boring

Biology 311 (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 201 (51). Elective: 3, 4, 5. Lecture: TTh 8:00; Laboratory: TTh 1:10-4:00. Mr. Wu

Biology 312 (112) Economic Entomology 4 credits
This course includes a careful study of the principles of Economic Entomology, a general survey of the local insect pests and a practical study of the different methods for the control of injurious insects in the field. Each student will be assigned to the study of the Life History and Control of one of the more important insects and the problem will be continued throughout the following academic year. Prerequisite: Biology 311 (106). Elective: 3, 4, 5. Lecture: MW 8:00; Laboratory: MW 1:10-4:00. Mr. Wu

Biology 359 (159) Cytogenetics 3 credits
This course deals with the recent advances in genetics and cytology, including the work done with *Oenothera*, *Zea*, and *Drosophila*. Prerequisite: Biology 302 (102). Elective: 3, 4, 5. Time to be arranged. Mr. Li

Biology 360 (160) Experimental Biology 3 credits

A study of the living phenomena of the organism as a whole in natural and experimental conditions, including discussion of methods of experimentation and reports on the current literature. Prerequisite: Biology 209 (109), 301 (101), & 302 (102). Elective: 3, 4, 5. Lecture: TTh 8:00; Laboratory: W 1:10 4:00. Mr. Li

Biology 401 (104) Advanced 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 304 (103). Elective: 3, 4, 5. Time to be arranged. Mr. Wu

Biology 403-404 (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: 4, 5. Th 4:30. Mr. Li

Biology 465A (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 465B (165B) Special Problems 2 credits

A course similar to Biology 465A (165A). The work is equivalent to at least six laboratory hours.

Biology 466A (166A) Special problems 4 credits

A course similar to Biology 465A (165A).

Biology 466B (166B) Special Problems 2 credits

A course similar to Biology 465 B (165B).

Biology 497-498 (199-200) Senior Thesis 2-2 credits

Each major student is expected to show the ability to work out independently a problem in biology under the supervision of a member of the department who is trained in the special line.

HOME ECONOMICS

Miss Martha M. Kramer, Ph. D.

Professor and Chairman

Mrs. Eleanor Consten, Ph. D.

Lecturer (part-time)

Miss Sun Tseng-min, M. S.

Instructor

Miss Pai Ho-i, B. S.

Instructor

Miss Tseng Hsiu-hsiang, M. A.

Lecturer in Education

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; to provide fundamental courses for those who are interested in dietetics or nutrition research; to provide a sequence of courses for those who are interested in rural or urban social work.

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

Home Economics 203 (3)	Food Selection and Preparation	3
Home Economics 215 (15)	Home Decoration	3
Home Economics 231 (31)	Child Care and Development	3
Home Economics 232 (32)	Child Training	3
Home Economics 304 (4)	Advanced Food Preparation	3
Home Economics 306 (6)	Nutrition	4
Home Economics 311 (11)	Clothing Problems	4
Home Economics 326 (26)	Household Management	3
Home Economics 491 or 492 (91-92)	Home Management House	3
Home Economics 497-498 (199-200)	Senior Thesis	2 to 4

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 may take in addition to the required courses: *credits*

Home Economics 216 (16)	Applied Design	3
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Home Economics 442 Method of Teaching Home Economics 3
(102)

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 required courses:

Home Economics 407 (7)	Diet in Disease	2
Home Economics 405 or 406	Advanced Nutrition (111 or 112)	3
Chemistry 202 A (16A)	Quantitative Analysis	4
Chemistry 401 (117)	General Biochemistry	4
Biology 202 (52)	Comparative Anatomy of the Vertebrates	5

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

Home Economics 203 (3) Food Selection and Preparation 3 credits
A study of foods: source and composition; selection for the balanced diet at various cost levels; preparation and service. Lecture: MW 9:20. Laboratory: W 1:10-4:00. Miss Pai

Home Economics 215 (15) Home Decoration and Equipment 3 credits
A course in which the home and its furnishing 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. Mrs. Consten & Miss Kramer

Home Economics 216 (16) Applied Design 3 credits
A study of the principles of design and color, as found in best Chinese products, developed and applied to textiles and clothing and to the home and its furnishings. Lecture: T 8:00. Laboratory: WF 1:10-4:00. Mrs. Consten

Home Economics 228 (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 & Miss Kramer

Home Economics 231 (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. Some field work and supervised observation will be assigned each student. TTh 1:10, the third hour to be arranged. Miss Sun

Home Economics 232 (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 101 (1) or Education 116 (16). TTh 1:10, the third hour to be arranged. Miss Sun

Home Economics 304 (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 desirability of products. Prerequisite: Home Economics 203 (3) and Chemistry 321 (21). Lecture: W 8 00. Laboratory: TTh 1 10-4:00. Miss Kramer & Miss Pai

Home Economics 306 (6) Nutrition 4 credits
A study of the essentials of nutrition and their relationship to human well-being. Prerequisite: Home Economics 203 (3), Chemistry 321 (21). Lecture: TTh 10:20. Laboratory: MW 1:10-4:00. Miss Kramer.

Home Economics 311 (11) Clothing and Textiles 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. Lecture: F 11: 20. Lecture & Laboratory: TF 1:10-4:00. Mrs. Consten & Miss Pai

Home Economics 326 (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. MWF 9:20. Miss Kramer

Home Economics 333 or 334 (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 231 (31) and 232 (32). Time to be arranged. Miss Sun

Home Economics 405 or 406 (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 306 (6) Chemistry 401 (117). Lecture: MW 11:20. Laboratory hours to be arranged.

Home Economics 407 (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 306 (6). TTh 11:20. Miss Kramer

Home Economics 408 (120) Food Economics 2 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 306 (6). TTh 8:00. Miss Kramer

Home Economics 442 (102) Methods of Teaching Home Economics 2 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 in home economics and 6 credits in education or psychology. MWF 8:00. Miss Kramer

Home Economics 443 or 444 Seminar in Home Economics 2 credits
(121 or 122)

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. Time to be arranged. Miss Kramer

Home Economics 491 or 492 Home Management House 3 credits
(91 or 92)

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 203 (3), 215 (15), 306 (6), 326 (26). Miss Pai

Home Economics 497-498 (199-200) Senior Thesis 2 to 4 credits

Each major student is required to investigate an individual problem during the senior year. The Staff

GEOLOGY

Walter W. Davis, M.S.

Professor of Mathematics

Geology 101-102 (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. Lecture: MF 9:20. Laboratory: W 1:10-4:00 Section A; Th 1:10-4:00 Section B. Occasional field trips in place of the laboratory period. Mr. Davis

HYGIENE

Miss A. Gertrude Jacobs, M. A.

Instructor of Physical Education

Hygiene 102 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. Miss Jacobs

YENCHING CROP IMPROVEMENT STATION

Shen Shou-tsuen, M. S.

Professor and Director of Experimental Project

Hsiang Ping-ch'uan, B. S.

Associate

Su 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 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.

RURAL TRAINING

For students who intend to participate in rural work, the following courses are offered:

I. General Requirements:		<i>credits</i>
Chinese 301 or 302 (31 or 32)	Documentary Composition	3
Economics 233 (141)	Introduction to Rural Economics	3
Economics 371-372 (11-12)	Principles & Methods of Statistics	3-3
or Soc. 305-306 (115-116)	Social Statistics	3-3
Pol. Sc. 231-232 (91-92)	Elements of Civil Law	3-3
Pol. Sc. 305-306 (35-36)	Hsien Government	3-3
Sociology 224 (24)	Rural Community	3
II. Special Subjects:		
A. Social Administration		
Sociology 263 (163)	Social Administration	3
Sociology 309 (121)	Human Demography	3
Sociology 321 (51)	Population and Society	3
or		
Sociology 324 (53)	Family and Society	3
Sociology 366 (166)	Administration of Social Agencies	3
Sociology 381 or 382 (151)	Principles of Social Reconstruction	3
Sociology 424 (92)	Comparative Social Institutions	3
Sociology 491-492 (191-192)	Field Work	3-3

B. Cooperation and Rural Economics		<i>credits</i>
Economics 101-102 (1 or 2)	Elementary Economics	3-3
Economics 231 (151)	History and Principles of Co-operation	3
Economics 232 (152)	Rural Co-operation	3
Economics 291-292 (31-32)	First Year Accounting	3-3
Economics 321-322 (41-42)	Money and Banking	3-3
Economics 334 (142)	Seminar in Rural Economics	3
Economics 351-352 (13-14)	Public Finance	3-3
C. Local Government		<i>credits</i>
Economics 101-102 (1-2)	Elementary Economics	3-3
Economics 351-352 (13-14)	Public Finance	3-3
Pol. Sc. 101-102 (3-4)	Introduction to Political Science	3-3
Pol. Sc. 205-206 (25-26)	Chinese Government	3-3
Pol. Sc. 241 (105)	Elements of Criminal Law	3
Pol. Sc. 307-308 (27-28)	Local Governments of Foreign States	3-3
Pol. Sc. 315-316 (51-52)	Administrative Law	3-3
Pol. Sc. 366 (106)	Land Law	3

POLITICAL SCIENCE

Wu Ch'i-yü, Ph. D.	<i>Professor and Chairman</i>
Ku Tun-jou, M.A.	<i>Assistant Professor</i>
Hu Yü-chieh, J. D.	<i>Lecturer</i>
Chang Hsi-tung, B.A.	<i>Lecturer (part-time)</i>
Miss Ch'en Fang-chih, Ph. D.	<i>Instructor</i>
Wu Ta-jen, B. A.	<i>Research Assistant</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, five subjects are emphasized: political Theory, political institutions, local government, international relations, and civil law.

Special Requirement: Two credits in Chinese 301 or 302 (31 or 32), Documentary Composition; six credits in Economics 101-102 (1 or 2), Elementary Economics; six credits in Political Science 231-232 (91-92), Elements of Civil Law.

The Major: A student majoring in this department must take from 52 to 64 credits in political science including the following:

Political Science 201-202	Chinese Political History	<i>credits</i> 3-3
Political Science 205 and 206 (25 or 26)	Chinese Government	3-3
Political Science 211 and 212 (27-28)	Governments of Foreign States	3-3
Political Science 315-316 (51-52)	Administrative Law	3-3
Political Science 332 (61-62)	History of Chinese Political Thought	3
Political Science 335-336 (71-72)	History of Western Political Thought	3
Political Science 381-382 (111-112)	International Law	3-3
Political Science 385 and 386 (131 and 134)	Chinese Foreign Relations	3-3
Political Science 389 (148)	Contemporary Diplomacy	3
Political Science 497-498 (199-200)	Senior Thesis	2-2

For the purposes of the major, courses in Political Science numbered 231-232 (91-92), 351 to 368 (93 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.

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:

		<i>credits</i>
Economics 233-234 (141-142)	Rural Economics	3-3
Economics 311-312 (23-24)	Chinese Economic History	3-3
Economics 371-372(11-12)	Principles and Methods of Statistics	3-3
Political Science 201-202	Chinese Political History	3-3
Political Science 205 and 206 (25 or 26)	Chinese Government	3-3
Political Science 241 (105)	Elements of Criminal Law	3
Political Science 305-306 (35-36)	Local Government of China	3-3
Political Science 307-308 (37-38)	Local Government of Foreign States	3
Political Science 315-316 (51-52)	Administrative Law	3-3
Political Science 366 (106)	Land Law	
Sociology 224 (24)	Rural Community	3

Political Science 101-102 (1 or 2) [Introduction to Political Science 3-3 *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 Miss Ch'en & Mr. Chang

Political Science 201-202 Chinese Political History 3-3 *credits*

A review of the political changes and problems of the Chinese people through different dynasties, especially the Han (206 B.C.-220 A.D.) and the Ch'ing (1644-1911) Dynasties which are chiefly responsible for the moulding of the present Chinese nation. Emphasis will be laid on the growth of the Chinese race, the expansion of its territory, the characteristics of the ruling class and the fundamental principles of the Chinese government. Elective: 2, 3. MWF 9:20. Mr. Ku

Political Science 205 (25) Chinese Government A 3 *credits*

A comprehensive survey of Chinese constitution, government and politics since the Republican era. The first term comprises a study of the recent constitutional development in China, decline and overthrow of the monarchy, setting up of the Republic, a comparison of the different constitutions since then, with special attention given to the nature of the constitutional draft adopted in 1936. Elective: 2, 3. MWF 8:00. Mr. Ku

Political Science 206 (26) Chinese Government B 3 *credits*

A continuation of Pol. Sc. 205 (25) with special emphasis on the study of the present structure of the five-power national government and the manner through which governmental functions have been discharged. Comparison with the three-power government in the past and the other countries will be made from time to time. Elective: 2,3. MWF 8:00 Mr. Ku

Political Science 211 (27) Government of Foreign States A 3 *credits*

A comparative study of the constitutional development, present functions, and practical workings of the Governments of Great Britain, France, the United States, and Switzerland. Elective: 2,3. TThS 8:00. Mr. Chang

Political Science 212 (28) Government of Foreign States B 3 *credits*

A continuation of the last named course, dealing with the dictatorial governments of Russia, Italy and Germany. Elective: 2, 3. TThS 8:00. Mr. Chang

Political Science 221 (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. Not offered in 1940-1941. Mr. Chang

Political Science 231-232 (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 241 (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. Not offered in 1940-1941. Mr. Hu

Political Science 302 (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 education, military, legal, and economic systems may also be touched. Elective: 3, 4, 5.
Not offered in 1940-1941. Mr. Ku

Political Science 305-306 (35-36) Local Government of china 3-3 credits
(Hsien Government)

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 3:10. Mr. Ku

Political Science 307-308 (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 1940-1941. Mr. Ku

Political Science 311 (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 1940-1941. Mr. Ku

Political Science 315-316 (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. T 1:10, 2:10; Th 1:10. Mr. Hu

Political Science 317-318 (55-56) Public Administration 3-3 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 1940-1941. Mr. Chang

Political Science 332 (61-62) History of Chinese Political Thought 3 credits

Chinese political theories and their relation to the government of the periods in which they were formulated. Elective: 3, 4, 5. T 3:10; Th 2:10, 3:10. Miss. Ch'en

Political Science 335-336 (71-72) History of Western Political Thought 3-3 credits

A study of the development of political theories from ancient Greece to the present time, with special emphasis on the evolution of the conception of the state, the rise of democracy, and the present-day problem of democracy versus totalitarianism. Elective: 3, 4. TTh S 10:20. Miss Ch'en

Political Science 351-352 (93-94) Civil Law 3-3 credits

An advanced course in Civil Law, open only to students who have already completed Political Science 231-232 (91-92). Elective: 3, 4, 5.
Not offered in 1940-1941. Mr. Hu

Political Science 357-358 (97) Commercial Law 3-3 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. MWF 2:10. Mr. Hu

Political Science 362 (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.
Not offered in 1940-1941. Mr. Hu

Political Science 366 (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 1940-1941. Mr. Hu

- Political Science 368 (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.
 Not offered in 1940-1941. Mr. Hu
- Political Science 381-382 (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 principle and one conference on cases weekly. Elective: 3, 4, 5. MWF 10:20.
 Mr. Wu
- Political Science 385 (131) Chinese Foreign Relations A 3 credits
 This course deals with treaty relations between China and foreign Powers. Elective: 3, 4, 5.
 Not offered in 1940-1941. Mr. Wu
- Political Science 386 (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. MWF 11:20.
 Mr. Wu
- Political Science 387 (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.
 Not offered in 1940-1941. Mr. Wu
- Political Science 389 (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.
 MWF 11:20. Mr. Wu
- Political Science 401 (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: 4, 5.
 Not offered in 1940-1941. Mr. Wu
- Political Science 406 (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 1940-1941. Mr. Wu
- Political Science 497-498 (199-200) Senior Thesis 2-2 credits
- Political Science 551-552 (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. Mr. Wu

ECONOMICS

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|----------------------------------|-------------------------------|
| Gideon Ch'en, B. A. | <i>Professor and Chairman</i> |
| Miss Augusta Wagner, Ph. D. | <i>Professor</i> |
| Yuan Wen-p'u, Ph. D. | <i>Professor</i> |
| Hu Kye-yuan, B. A., M. F. S. | <i>Visiting Professor</i> |
| Cheng Lin-chuang, M. A. | <i>Assistant Professor</i> |
| Chao Hsi-yü, M. S. | <i>Lecturer (Part-time)</i> |
| Wang Kuang-ch'i, M. A., M. B. A. | <i>Lecturer (Part-time)</i> |
| Li Te-hsin, B. A. | <i>Assistant</i> |
| Li kuo-shih, B. A. | <i>Research Assistant</i> |
| Yen Mu-yüan, B. A. | <i>Research Assistant</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 co-operation on the one hand and banking and accounting on the other.

In addition to strong fundamental courses, the department, on the one hand, prepares men for responsible administrative posts in government and industry and, on the other, stresses economic conditions, social structure, and national and rural reconstruction.

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 and co-operation "laboratory" work is provided in the especially in connection with co-operatives. The accounts of these nearby villages cooperatives and their auditing afford some practical experience for the accounting courses.

The Major: At least 48 credits in Economics, including the following required courses:

	<i>credits</i>
Economics 101-102 (1 or 2) Elementary Economics	3-3
Economics 203-204 (3-4) Principles of Economics	3-3
Economics 211-212 (21-22) Western Economic History	3-3
Economics 291-292 (31-32) First Year Accounting	3-3
Economics 321-322 (41-42) Money and Banking	3-3
Economics 351-352 (13-14) Public Finance	3-3
Economics 371-372 (11-12) Principles and Methods of Statistics	3-3
Economics 441-442 (71-72) International Trade and Finance	3-3
Economics 497-498 (199-200) Senior Thesis	2 to 4

Correlated Subjects: In Philosophy, Psychology, Political Science, Sociology, or History, chosen in consultation with the Chairman.

Economics 101-102 (1 or 2) Elementary Economics *3-3 credits*
 An introductory course designed to give students a knowledge of the fundamental concepts of Economics in relation to Chinese conditions. Students receiving a grade below "5" in this course are not permitted to major in Economics. Elective: 1, 2, 3. MWF 8:00 Section A (Economics); MWF 9:20 Section B (Pol. Sc. & Soc.); MWF 9:20 Section C (Arts & Science). Mr. Hu, Mr. Yuan & Miss Wagner

Economics 203-204 (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 a 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. MWF 8:00. Mr. Yuan

Economics 211-212 (21-22) Western Economic History *3-3 credits*
 A general survey of the economic development of Western countries from ancient to modern times. Prerequisite: Economics 101-102 (1 or 2). Elective: 2. TThS 11:20. Mr. Ch'en

Economics 231 (151) Principles and History of Co-operation *3 credits*
 A survey of the co-operative 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: Economics 101-102 (1 or 2), or Sociology 101-102 (1 or 2). Elective: 2, 3. MWF 11:20. Mr. Cheng

Economics 233 (141) Introduction to Rural Economics *3 credits*

This course attempts to apply economic principles to the study of rural economy. It deals mainly with problems in connection with production, distribution and exchange in agriculture, such as the problems of the combination and the utilization of the factors of production, those of the marketing of products and those of price. The development of agriculture and the types of rural economy are briefly surveyed at the beginning in order to give the students a foundation. Prerequisite: Economics 101-102 (1 or 2). Elective 2, 3. MWF 9:20. Mr. Cheng

Economics 291-292 (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 101-102 (1 or 2). Elective: 2. Section A. MW 2:10; F 2:10-4:00; Section B. MW 3:10-5:00. Mr. Wang & Mr. Chao

Economics 305-306 History of Economic Thought *3-3 credits*

A study of the development of economic thought from the Mercantilists to the present. Prerequisite: Economics 101-102 (1 or 2). Elective: 3, 4. MWF 10:20. Miss Wagner

Economics 311-312 (23-24) Chinese Economic History *3-3 credits*

Factors influencing economic development in ancient and modern times; recent changes in economic institutions and economic life; their social and economic consequences. Prerequisite: Economics 211-212 (21-22). Elective: 3, 4. TThS 10:20. Mr. Ch'en

Economics 321-322 (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 101-102 (1 or 2). Elective: 3, 4. TThS 8:00. Mr. Wang

Economics 332 (152) Rural Co-operation *3 credits*

This course is designed to give the student basic knowledge in regard to the management, organization, and supervision of the different types of agricultural co-operative societies. Emphasis is laid on the Chinese conditions. Students are required to observe conditions at first hand. Prerequisite: Economics 231 (151). Elective: 3, 4. MWF 11:20. Mr. Cheng

Economics 334 (142) Seminar in Rural Economics *3 credits*

This course aims at the study and analysis of Chinese rural economy and of the problems of its reconstruction. Its content varies from year to year

according to the interest of the students and the changing relative importance of contemporary problems. Students in this class should be able to do independent research work. Prerequisite: Economics 233 (141). Elective: 3, 4. MWF 9:20. Mr. Cheng

Economics 351-352 (13-14) Public Finance 3-3 credits

A general study of developments of the fiscal science, and of its main topics, namely, public expenditure, public research, public debt and financial administration, special emphasis being laid on the trend of recent development. Prerequisite: Economics 101-102 (1 or 2). Elective: 3, 4. TThS 9:20 Sections A & B. Mr. Hu & Mr. Yüan

Economics 371-372 (11-12) Principles and Method 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. Prerequisite: Economics 101-102 (1 or 2). Elective: 3, 4. MW 3:10. Laboratory: Th 2:10-4:00 Section A; F 2:10-4:00 Section B. Mr. Cheng

Economics 381 (63) Elements of Transportation 3 credits

The main types of transportation such as railroads, ocean shipping, motor traffic, and commercial aviation will be briefly treated in this course. Prerequisite: Economics 101-102 (1 or 2). Elective: 3, 4. MWF 2:10. Mr. Hu

Economics 382 Principles of Insurance 3 credits

This course will cover the fundamentals of insurance to be illustrated briefly from the practices chiefly found in the field of life, marine, and fire coverages. Prerequisite: Economics 101-102 (1 or 2). Elective: 3, 4. MWF 2:10. Mr. Hu

Economics 441-442 (71-72) International Trade and Finance 3 credits

This course deals with the theory of international trade; foreign exchange; control of international trade—tariffs, subsidies, quotas, exchange restrictions. It attempts also at an historical review of China's foreign trade with special emphasis on present day problems. Prerequisite: Economics 101-102 (1 or 2). Elective 4. TThS 8:00. Miss Wagner

Economics 497-498 (199-200) Senior Thesis 2 to 4 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

Yang K'un, Ph. D.

Professor

Miss Chou Li-ch'iu, M. A.

Assistant Professor

Huang Ti, M. A.

Lecturer

Mrs. Cheng Lin-chuang, M. A.

Lecturer (part-time)

Sun Te-yün, M. A.

Assistant

Hsü Tsu-chia, B. A.

Research Assistant

Chung Ping-chang

Clerk

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 and social history.

The Major: No student will be accepted as a major student unless he obtained a grade of at least "5" in either An Introduction to the Social Sciences or An Introduction to the Science of Society, and also an average grade of "5" for the three required basic courses in the sophomore year (Primitive Community, Rural Community, Urban Community).

A major student must take the following courses:

		credits	
Phil. 271-272 (71-72)	History of Chinese Philosophy	2-2	} Only 6 credits for Social Work Students
Pol. Sc. 332 (61-62)	History of Chinese Political Thought	3	
Phil. 383 (183-184)	Western Social and Political Thinking	3	
Phil. 273-274 (73-74)	History of Western Philosophy	2-2	

Methods of inquiry ; the psychological and ethnological aspects of the family; evolution of the Chinese paternal family system ; modern social conditions reacting upon the Chinese family ; family disorganization and reorganization. Prerequisite : Soc. 221 (21), 224 (24). Elective : 3, 4, 5. MWF 10:20.

Mr. Yang

Sociology 326 (56) Economy and Society 3 credits

This course attempts to analyze relations and interactions between economic structure and different aspects of social life. 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. Prerequisite : Soc 221 (21), 224 (24), 226 (26). Elective : 3, 4, 5. T ThS 8:00.

Mr. Chao

Sociology 327 (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. Prerequisite : Soc. 221 (21), 224 (24), 226 (26). Elective : 3, 4.

Sociology 329 or 330 (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. Prerequisite : Soc. 221 (21), 224 (24). Elective : 3, 4, 5.

Mr. Yang

Sociology 331 or 332 (65 or 66) Language, Thought, and Culture 3 credits

A correlational study of language, thought and culture. Speech as a form of communication and control. Group life in relation to language and thought. Prerequisite : Soc. 221 (21), 224 (24), 226 (26). Elective : 3, 4, 5.

Sociology 333 or 334 (67 or 68) Race, Class and Nation 3 credits

The nature and development of the national community. Race, Class and Culture as factors in national life. Class struggle and nationalism in contemporary world social movements. Prerequisite : Soc. 221 (21), 224 (24), 226 (24). Elective : 3, 4.

Mr. Huang

Sociology 336 (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. Prerequisite : Soc. 221 (21), 224 (24), 226 (26). Elective : 3, 4.

Mr. Chao

Sociology 337 or 338 (73 or 74) Culture and Personality 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 : Soc. 221 (21), 224 (24), 226 (26). Elective : 3, 4.

Sociology 339 or 340 (75 or 76) Collective Behavior 3 credits

A study of collective behavior from the viewpoint of human nature and social control ; giving particular attention to social unrest, social contagion, and social epidemics ; crowd phenomena and the behavior of traditional and sentimental groups ; revolution and reform movements ; fashion change and corporate behavior through critical interaction. Prerequisite : Soc. 224 (24) 226 (26). Elective : 3, 4.

Sociology 345 (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. Prerequisite : Soc. 226 (26), 261 (161). Elective : 3, 4. MWF 9:20.

Mrs. Cheng

Sociology 348 (80) Women in Society 3 credits

Women in the family and society ; women in relation to economic production and biological reproduction ; education and the emancipation of women the feminist movement and social change. Prerequisite : Soc. 226 (26), 261 (161). Elective : 3, 4.

Miss Chou

THEORY AND METHODOLOGY

Sociology 301 (123) 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. Required of junior major. Prerequisite : Soc. 221 (21), 224 (24), 226 (26). Elective : 3, 4. MWF 2:10.

Mr. Huang

Sociology 305-306 (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.

Required of Junior major Elective: 3, 4. MW 3:10-4:00 Laboratory: T 1:10-4:00
Mr. Cheng

Note: In years when this course is not offered students take Economics 371-372 (11-12) instead.

Sociology 309 (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. Prerequisite: Soc. 224 (24), 226 (26). Elective: 3, 4.
Mr. Chao

Sociology 411-412 (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. Required of senior major. Prerequisite: 20 credits in Sociology. Elective: 4, 5. MWF 11:20.
Mr. Yang

Sociology 421 (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. Prerequisite: 20 credits in Sociology. Elective: 4, 5. MWF 8:00.
Mr. Chao

Sociology 424 (91) Comparative Social Institution 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. Prerequisite: 20 credits in Sociology. Elective: 4, 5.
Mr. Chao

Sociology 431 & 432 (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.
Mr. Yang

Sociology 433 & 434 (133-134) Journal Club 1-1 credits
Individual reports on articles in current sociological journals. Students must secure the permission of the instructor before registering. Elective:

4, 5. Time to be arranged.

Mr. Yang

Sociology 435 & 436 (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. Open only to major student. Required of senior major in Sociology.
Mr. Huang & Miss Chou

Sociology 497-498 (199-200) Senior Thesis 2-2 credits
The staff

SOCIAL ADMINISTRATION

Sociology 261 (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. Prerequisite, Soc. Sc. 1-2. or Soc. 101-102 (1 or 2). Elective: 2, 3. TThS 9:20.
Miss Chou

Sociology 264 (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. Prerequisite: Soc. Sc. 1-2 or Soc. 101-202 (1 or 2). Elective: 2, 3. TThS 9:20.
Miss Chou

Sociology 366 (166) Administration of Social Agencies 3 credits
(1) A general study of the problems of administering a social agency such as determination of policies; personnel management; finance and budget making; publicity; research; etc; (2) a comparative study of various social agencies in China; (3) an analysis of the systems of public welfare administration in the West. Prerequisite: Soc. 263 (163). Elective: 3, 4.
Miss Chou

Sociology 368 (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.

Prerequisite: Soc. 263 (163). Elective: 3, 4. T 3:10, Th 2:10-4:00.

Mrs. Cheng

Sociology 372 (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 Peiping region will be provided. Prerequisite: Soc. 263 (163). Elective: 3, 4. T 3:10, Th 2:400.

Miss Chou

Sociology 374 (174) Prison Work 3 credits

The theories of punishment, modern penal institutions, and the machinery of justice. Field work in the Peiping region will be provided. Prerequisite: Soc. 263 (163), 327 (57). Elective: 3, 4.

Miss Chou

Sociology 375 or 376 (175 or 176) 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: Soc. 363 (163), 309 (121), 321 (51). Elective: 3, 4.

Sociology 377 (177) Psychiatric Social Work 3 credits

The aim of this course is to give the students some knowledge of the factors of human behavior and the principal measures of treatment and prevention of mental cases. Field work in the Peiping region will be provided. Prerequisite: Soc. 264 (163), 368 (168); Psych. 241-242 (141-142), 219, 332. Elective: 3, 4. T 3:10, Th 2:10-4:00.

Miss Chou

Sociology 381 or 382 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. Prerequisite: Soc. 221 (21), 224 (24), 226 (26), 261 (161). Elective: 3, 4, 5.

Mr. Chao

Sociology 385 (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. Prerequisite: Soc. 226 (26), 261 (161). Elective: 3, 4.

Sociology 479 & 480 (179-180) Seminar in social Administration 3-3 credits

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

Miss Chou

Sociology 491 & 492 (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. Open only to major student. Required of senior major in Social Work.

Mrs. Cheng

ETHNOGRAPHY AND SOCIAL HISTORY

Sociology 311 or 312 Ethnography 3 credits

The geographic distribution of ethnic groups and their classification. Descriptive analysis based on monographic reports. Prerequisite: Soc. 221 (21). Elective: 3, 4, 5.

Mr. Yang

Sociology 313 or 314 Frontier Society 3 credits

Frontier society as a sociological concept. Types of frontier societies and their racial and geographic foundations, with special reference to tribal communities and pioneer settlements in the frontier areas of China. Prerequisite: Soc. 221 (21), 312. Elective: 3, 4, 5.

Mr. Huang

Sociology 315 & 316 (137-138) Chinese Social History 2-2 credits

Sources of data and methods of study. Special attention is given to a comparative study of social institutions and their interrelations in the ancient and modern periods. Prerequisite: Soc. Sc. 1-2 or Soc. 101-102 (1 or 2). Elective: 3, 4. Required of junior major. ThS 11:20.

Mr. Yang

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
Wang I-hsiu, 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.

The first part of the examination consists of eight papers:

1) Philosophy.

This paper deals chiefly with Western philosophy with emphasis on scientific method and logic.

In addition to the study of a textbook on logic and various works on scientific method, the students read short extracts from important philosophical works. The seminars are largely devoted to a presentation of the history of philosophy.

2) Principles of Sociology and Politics.

In this paper the students are expected to show a knowledge of the backgrounds of Western and Chinese civilizations and of the concepts of society, community, civilization, culture, and state, and to have made some study of social institutions, family, local community, guild, nation, etc.

3) Ethical and Political Theory.

This paper includes a section on Chinese ethical theory, especially that of the Sung-Ming period. For comparison, Kant's *Metaphysics of Morals* or a short work by one of the utilitarians is studied.

In political theory the Chinese side cover the schools of Confucius, Lao Tze, and the legalists such as Han Fei Tze. On the Western side it includes readings from Greek and Medieval philosophers and Hobbes, Rousseau, Mill, and various modern authors. The main emphasis is on the development of the democratic state, and if possible the Marxian approach and the theories underlying the fascist states is also considered.

4) Economic Theory.

This paper includes the principles of economics as represented by Marshall's *Principles of Economics* or some similar work and some study of the more important branches of theory including international trade, the theory of money and interest, public finance, etc. Some study may also be made of alternative approaches such as Marxian theory or the institutional views of writers such as Veblen.

5) Social and Political Institutions.

Candidates are expected to show a knowledge of the social and political institutions of modern China, including local government and constitutional history, and to have some comparative knowledge of Western countries.

6) Economic Organization.

Candidates are expected to have a knowledge of the economic organization of China and to be able to apply their knowledge of economic theory to a discussion of actual economic problems.

7) Chinese Modern Political History.

This paper covers the period from 1800 but assume a general background of knowledge from the end of the Ming period.

8) Comparative Social and Economic History.

The social and economic history of China and that of the West are to be compared in this paper. While it is necessary to have an understanding of the structure of Western capitalism, special attention is paid to those countries with agrarian problems similar to those of China.

SPECIAL PROGRAMS OF STUDY

PRE-ENGINEERING CURRICULUM

Students who are interested in studying engineering may register themselves in the pre-engineering curriculum in the Department of Physics. On completing the two years of pre-engineering work if their general average grade is satisfactory they may either take the entrance examination of, or transfer over to the departments of engineering of St. John's University, Hangchow Christian College or any other universities. They are not entitled to any degree from Yenching University.

When a student completes the two years of pre-engineering work and finds it impossible to go on with engineering, he may, if his general average grade is satisfactory, obtain permission from either the Department of Chemistry or the Department of Physics to continue two more years in this University for the degree of Bachelor of Science.

PREMEDICAL CURRICULUM

Students who wish to prepare for the study of medicine may register themselves in the Premedical Curriculum in the Department of Biology. On completing the three years of premedical work if their general average grade is satisfactory they may take the entrance examination of the Peiping Union Medical College. When they complete the first year medical work there they are entitled to receive the University degree of Bachelor of Science and when they complete the fifth year medical work they will receive the M. D. degree from P. U. M. C. Those who enter other medical colleges than P. U. M. C. are not entitled to the University degree.

When a student completes the three years of premedical work and finds it impossible to go on with medicine, he may, if his general average grade is satisfactory, obtain permission from the Department of Biology to continue one more year in this University for the University degree of Bachelor of Science.

PRENURSING CURRICULUM

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 Peiping 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 degree from the University.

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 and its abstract must be written in Chinese. 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 Examination 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 the abstract are

accepted by the Examination 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 University 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*
Kuo Shao-yü
William H. Adolph, Ph. D.
Chao Ch'eng-hsin, Ph. D.

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>
J. Leighton Stuart, D. D., Litt. D.,	<i>Professor of the New Testament</i>
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Li Jung-fang, M. A., Th. D.,	<i>Professor of the Old Testament</i>
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R. Bank Fulton, B. A., B. D.,	<i>Lecturer in Christian Ethics</i>
A. H. Jowett Murray, M. A.	<i>Visiting Lecturer in the New Testament</i>
Mrs. Randolph C. Sailer, M. A.,	<i>Honorary Lecturer in Religious Education</i>
Lü Chen-chung, B. A., B. D.	<i>Research Associate</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.

Graduate Work: Special emphasis is placed upon flexible choice of

燕京大學
YENCHING UNIVERSITY
BULLETIN

ANNOUNCEMENT OF COURSES

1940-1941



VOLUME XXV—NUMBER 10

Peking, China

January, 1941

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燕京大學
YENCHING UNIVERSITY
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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 Book-store. Certain issues are distributed without charge by the Admissions Bureau.

Announcement of Courses.	50 cents
Faculty Directory.	30 cents
Student Directory.	30 cents
Guidebook for Students.. Each student of the University is entitled to one copy free. Extra copies, each.	30 cents
Entrance Examination Questions (with syllabus of subjects)	20 cents
Graduate Yuan 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

燕京大學 YENCHING UNIVERSITY BULLETIN

ANNOUNCEMENT OF COURSES
1940-1941



VOLUME XXV—NUMBER 10
Peking, China
January, 1941

0408

YENCHING UNIVERSITY
ACADEMIC CALENDAR, 1940-1941
FALL SEMESTER

Fall semester begins	Sept.	1 (Sun.)
Dormitories open to students	Sept.	1 (Sun.)
New students to report at the Admissions Bureau	Sept.	2-3 (Mon.-Tues.)
Freshman Week	Sept.	2-6 (Mon.-Fri.)
Exemption and placement tests	Sept.	4 (Wed.)
Registration	Sept.	4-6 (Wed.-Fri.)
Opening Convocation	Sept.	9 (Mon.)
Class work begins	Sept.	9 (Mon.)
Late registration*	Sept.	9-11 (Mon.-Wed.)
Change of courses without fee	Sept.	9-14 (Mon.-Sat.)
Last day for taking make-up examinations	Sept.	14 (Sat.)
Change of courses with fee	Sept.	16-19 (Mon.-Thurs.)
Holiday	Oct.	10 (Thurs.)
Last day for handing in freshman mid-semester grades to Registration Bureau	Nov.	15 (Fri.)
University Anniversary holiday	Dec.	25 (Wed.)
New Year holiday	Jan.	1-4 (Wed.-Sat.)
Fall semester examinations and exemption and placement tests	Jan.	13-20 (Mon.-Mon.)
Winter recess	Jan.	21-Feb. 5 (Tues.-Wed.)

SPRING SEMESTER

Spring semester begins	Feb.	6 (Thurs.)
Registration	Feb.	6-8 (Thurs.-Sat.)
Class work begins	Feb.	10 (Mon.)
Late registration*	Feb.	10-12 (Mon.-Wed.)
Change of courses without fee	Feb.	10-15 (Mon.-Sat.)
Last day for taking make-up examinations	Feb.	15 (Sat.)
Change of courses with fee	Feb.	17-19 (Mon.-Wed.)
Last day for making application for scholarships	Mar.	31 (Mon.)
Spring recess	Apr.	20-27 (Sun.-Sun.)
Last day for handing in masters' theses to Graduate Yüan Departments	May	3 (Sat.)
Last day for handing in senior theses to Chairmen of Departments	May	24 (Sat.)
Alumni Home-coming Day holiday	May	24 (Sat.)
Last day for handing in senior theses to Deans of Colleges	June	2 (Mon.)
Spring semester examinations	June	14-21 (Sat.-Sat.)
Baccalaureate Sunday	June	22 (Sun.)
Class Day	June	23 (Mon.)
Commencement	June	24 (Tues.)

* Students who wish to register during this period must secure permission from the Dean concerned before Sept. 6 or Feb. 8, and pay a fee of three dollars (\$3.00).

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YENCHING UNIVERSITY

Yenching University is now in its twenty-third year. Fourteen years have been spent on the present campus northwest of Peking, following eight years in temporary quarters within the city. The University was formed by merging three institutions: the North China Union College for Women, the North China Union College, and Peking University. The first of these had its beginnings seventy-six years ago.

The College for Women traces its history back to 1864 when Mrs. Bridgman, a missionary under the American Board of Commissioners for Foreign Missions, arrived in Peking and started a school for girls, which later became Bridgman Academy. Out of this, in 1906, under the leadership of Miss Luella Miner, developed the North China Union College for Women, which in 1920 became the College for Women of Yenching University. The North China Union College, of which Dr. D. Z. Sheffield was President, grew out of the work of the Rev. L. D. Chapin, who in 1867 had established a school for boys at Tungchou. Another school for boys was established in 1870 by the Methodist Mission in Peking. A decade later this became an academy, and in 1890 further developed into Peking University, with Dr. H. H. Lowry as its President for twenty-five years.

In September 1918 the faculties and student bodies of the North China Union College and of Peking University were united on a temporary site in Peking, and the union university, at that time known as Peking University, started its academic life. The School of Religion, itself a union of several theological schools, also became a part of the new institution. The next year Dr. J. Leighton Stuart of Nanking was chosen as the first President of the University. With the addition of the College for Women in 1920 the University became co-educational, and was known thenceforth as Yenching University.

The temporary quarters in Peking witnessed eight years of restless growth, while funds were gathered and plans made for the permanent buildings on the new site five miles outside the city wall, overlooked by the ranges of the Western Hills. The removal to the new campus in 1926 was followed by troubled times. Within the campus, buildings were still being finished, trees planted, roads and

paths laid out; without, it was a time of frequent contests between war-lords, and occasionally the soldiery impinged on the campus boundaries.

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 departments 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 *Yüan*, with Dr. Luh Chih-wei as Dean.

A decision was made in 1928, to limit the size of the student body to 800, including approximately 250 women and 550 men, with the number of graduate students not to exceed 100. Since 1938 the enrolment has exceeded this figure. In 1939 it was over 900 and is now nearly 1100.

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.

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OFFICERS OF ADMINISTRATION

J. Leighton Stuart, D. D., Litt. D., *President and Acting Chancellor*
Luh Chih-wei, Ph. D., *Dean of the Graduate Yuan*
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K. Y. Ma, B. Com., *Business Manager*
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Kuo Te-lung, M. D., *Assistant University Medical Officer*

* On leave of absence, 1940-1941.

THE FACULTY

COLLEGE OF ARTS AND LETTERS

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Randolph C. Sailer, Ph. D., *Professor and Chairman of the Department of Psychology*
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Miss Margaret B. Speer, M. A., *Professor of Western Languages*
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Teng Chih-ch'eng, *Professor of History*
Philippe de Vargas, Ph. D., *Professor of History*
Bliss Wiant, M. A., *Professor and Chairman of the Department of Music*
*Louis E. Wolferz, Ph. D., *Professor of Western Languages*
Wu Lei-ch'uan, Hanlin Academy, *Professor of Chinese*

* On leave of absence, 1940-1941.

** On leave of absence, first semester, 1940-1941.

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

Miss Lucy M. Burt, M. A., *Assistant Professor of History*

Robert Chao, B. S., *Assistant Professor of Physical Education*

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George R. Loehr, D. Litt., *Assistant Professor of Western Languages*

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Chu Pao-ch'ang, M. A., *Lecturer in Philosophy (part-time)*

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

Hou E, *Lecturer in Chinese (part-time)*

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

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

Liu Hou-tzu, M. A., *Lecturer in Japanese (part-time)*

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

P'ei Wen-chung, Sc. D., *Lecturer in History (part-time)*

W. Sheldon Ridge, B. A., *Lecturer in Western Languages (part-time)*

Mrs. Louise Loehr Saetti, B. A., *Lecturer in Music & Western Languages (part-time)*

Mrs. H. E. Shadick, *Lecturer in Western Languages (part-time)*

Mrs. Ernest K. Smith, B. A., *Lecturer in Music (part-time)*

John Stanley, B. A., *Lecturer in Western Languages (part-time)*

Sun K'ai-ti, B. A., *Lecturer in Chinese (part-time)*

Wang Hsi-cheng, B. A., *Lecturer in Chinese (part-time)*

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Miss Chou Kuo-p'ing, B. A., *Instructor in Western Languages*

Mrs. Ruth Huie Chou, *Instructor in Physical Education*

Hsü Yung-san, Mus. M., *Instructor in Music*

*Miss Gertrude Jacobs, M. A., *Instructor in Physical Education*

Kao Ming-k'ai, Ph. D., *Instructor in Chinese*

Kuan Yü-shan, M. A., *Instructor in Physical Education*

*Left in the middle of the first semester, 1940-1941.

Liao T'ai-ch'u, M. A., *Instructor in Education*
Miss Lu Hui-ch'ing, M. S., *Instructor in Physical Education*
Pai Hsü-chih, B. A., *Instructor in Chinese*
Ts'ui Yü-pin, B. A., *Instructor in Physical Education*
Wang I-hsiu, M. A., *Instructor in History*
*Miss Gladys M. Wolpert, B. A., *Instructor in Music*
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Wu Jun-fang, B. A., *Assistant in Physical Education*
Yang Ming-chao, M. A., *Assistant in Chinese*
Yen Hua-t'ang, B. A., *Assistant in Physical Education*

*Left in the middle of the first semester, 1940-1941.

Miss Chang Wei-ying, M. A., *Assistant in History (part-time)*
Miss Han Te-ch'ang, B. A., *Pianist in the Department of Physical Education (part-time)*
Mrs. Dorothea Hanwell, B. A., *Assistant in Physical Education (part-time)*
Li Chien-hua, *Assistant in Physical Education (part-time)*

THE COLLEGE OF NATURAL SCIENCES

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William H. Adolph, Ph. D., *Professor of Chemistry*
William Band, M. Sc., *Professor and Chairman of the Department of Physics*
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Ch'eng Ching-yü, Ph. D., *Lecturer in Chemistry*

* On leave of absence, 1940-1941.

Hsü Hsien-yü, Ph. D., *Lecturer in Mathematics*
 Liang Chao-keng, M. M. E., *Lecturer in Mathematics*
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 Miss Lu Wan-ch'ing, M. S., *Assistant in Biology*
 Lü Chih-ch'in, *Assistant in Physics*
 Yü Shih-chou, M. S., *Assistant in Chemistry*

THE COLLEGE OF PUBLIC AFFAIRS

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 Miss Augusta Wagner, Ph. D., *Professor of Economics*
 Wu Ch'i-yü, Ph. D., *Professor and Chairman of the Department of Political Science*
 Yang K'un, Ph. D., *Professor of Sociology*
 Yüan Wen-p'u, Ph. D., *Professor of Economics*
 Hu Kye-yüan, B. A., M. F. S., *Visiting Professor of Economics*
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 Miss Chou Li-ch'iu, M. A., *Assistant Professor of Sociology*
 Ku Tun-jou, M. A., *Assistant Professor of Political Science*
 Michael Lindsay, M. A., *Tutor in Economics*
 Chang Fo-ch'üan, B. A., *Visiting Tutor in Political Science*
 C. T. Hope-Johnstone, *Tutor in European History (part-time)*
 Hu Yü-chieh, J. S. D., *Lecturer in Political Science*
 Huang Ti, M. A., *Lecturer in Sociology*
 Chang Hsi-t'ung, B. A., *Lecturer in Political Science (part-time)*
 Chao Hsi-yü, M. S., *Lecturer in Economics (part-time)*
 Mrs. Cheng Lin-chuang, M. A., *Lecturer in Sociology (part-time)*
 Wang Kuang-ch'i, M. A., M. B. A., *Lecturer in Economics (part-time)*

Miss Ch'en Fang-chih, Ph. D., *Instructor in Political Science*

Li Kuo-shih, B. A., *Research Assistant in Economics*

Wu Ta-jen, B. A., *Research Assistant in Political Science*

Yen Mu-yüan, B. A., *Research Assistant in Economics*

Hsü Tsu-chai, B. A., *Assistant in Sociology*

Li Te-hsin, B. A., *Assistant in Economics*

Sun Te-yün, M. A., *Assistant in Sociology*

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, Physical Education. A Short Course in Kindergarten Primary Training is also offered under the Department of Education. *College of Natural Sciences*: Mathematics, Physics, Chemistry, Biology, 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.

FRESHMAN CURRICULUM PLANS

FRESHMAN PLANS FOR THE COLLEGE OF ARTS AND LETTERS
AND THE COLLEGE OF PUBLIC AFFAIRS

Arts and Letters	Credits	Public Affairs	Credits
Group A			
Chinese 101-102	3-3*	Chinese 101-102	3-3*
English 101-102	4-4	English 101-102	4-4
Physical Education 101-102	1-1	Physical Education 101-102	1-1
Group B (one out of the following courses)			
Biology 103-104	3-3	Biology 103-104	3-3
Chemistry 103-104	3-3	Chemistry 103-104	3-3
Geology 101-102	3-3	Physics 111-112	3-3
Mathematics 103-104	3-3		
Physics 111-112	3-3		
Group C (3-3 credits)			
Education 101 or 102	3	Philosophy 101 or Philosophy 104	3
Philosophy 101 or Philosophy 104	3	Psychology 101 or 102	3
Psychology 101 or 102	3	Psychology 110	3
Group D (3-3 credits)			
History 101-102	3-3	Economics 101-102	3-3
History 145	3	Political Science 101-102	3-3
History 146	3	Sociology 101-102	3-3
History 153 & 154	3-3		
Political Science 101-102	3-3		

*In place of Chinese 101-102 Overseas Chinese students are required to take two years of Overseas Chinese and foreign students are required to take three years of Chinese for foreign students.

Economics 101-102	3-3	
Sociology 101-102	3-3	
Group E		
Electives	3-3	
Total	<u>20-20*</u>	<u>20-20*</u>

FRESHMAN PLAN FOR THE COLLEGE OF NATURAL SCIENCES
REGULAR PROGRAM

	credits
Group A	
Chinese 101-102 (see footnote on p. 14)	3-3
English 101-102	4-4
Physical Education 101-102	1-1
Group B (three courses)	8-8
Biology 101 or 102	5
Chemistry 101 or 102	5
Physics 101-102	3-3
Group C	
Mathematics 101-102	3-3
Total	<u>19-19*</u>

SPECIAL PROGRAM

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

Group A	
Chinese 101-102 (see footnote on p. 14)	3-3
English 101-101	4-4
Physical Education 101-102	1-1
Group B (two out of the three courses)	5-5 or 8-3
Biology 101 or 102	5

*Women students are required to take a 1-credit course in Hygiene during the second semester of their freshman year or during their sophomore year.

Chemistry 101 or 102	5	
Physics 101-102	3-3	
Group C		
Mathematics 101-102		3-3
Group D (one out of the following courses)		3-3 or 0-5
Political Science 101-102	3-3	
Economics 101-102	3-3	
Sociology 101-102	3-3	
Electives	0-5	
Total (see footnote on p. 15)		19-19

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 102 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 102 is required to take English 203-204.
- A second year of Chinese or of English (sophomore year); or two years of a second foreign 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.
- 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.

- 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.
- Required physical education during freshman, sophomore, and junior years, a total of six credits.
- A one-credit course in hygiene.
- Free electives.

The individual program for each student should be based on this general program, but planned by the student and the chairman of his major department 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 average grade 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 required physical education, with a general average grade 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.

THE UNIVERSITY SCHEDULE

During regular sessions, classes are conducted according to the following schedule:

	First Period	8:00-8:50
	Second Period	9:20-10:10
Morning :	Third Period	10:20-11:10
	Fourth Period	11:20-12:10

	First Period	1:10-2:00
<i>Afternoon:</i>	Second Period	2:10-3:00
	Third Period	3:10-4:00

COURSES

Every course offered in the University has a specified course number and a descriptive title. The principles underlying the numbering of courses are as follows:

	<i>Courses</i>	<i>Course numbers</i>
	Open to freshman and upper-class students	101-199
	Open to sophomore and upper-class students	201-299
	Open to junior and upper-class students	301-399
	Open to senior and graduate students	401-496
	Senior thesis	497-498
	Open to graduate students only	501-596
	Graduate thesis	597-598
Type A.	Numbers such as Chinese 222, Chinese 231, indicate that the course is completed in one semester, odd numbers designating courses offered in fall semesters and even numbers, courses offered in spring semesters.	
Type B.	Numbers such as Chemistry 101 or 102 indicate that the course is a semester course offered in both semesters.	
Type C.	Numbers such as Chinese 101-102 indicate that the course is a year course and that no credit will be given for either semester taken separately.	
Type D.	Numbers such as Psychology 217-218* indicate that the course is a year course but credit will be given for the first semester without the second.	
Type E.	Numbers such as Chinese 223 & 224 indicate that the course is a year course but that either semester may be taken separately.	
Type F.	Numbers such as French 101-102-, French -203-204 indicate that the course covers two academic years.	

Numbers given in parentheses are old course numbers.

At the completion of a semester, every student in a course is given a grade by his instructor.

CREDITS, GRADES, MERIT-POINTS, OTHER MARKS, AND

AVERAGE GRADES

1. A credit denotes a unit of work required of a student in a semester. On an average, it is equivalent to three hours of work per week per semester. 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 or field work.
2. A grade denotes the quality of work a student does in a given course and semester, according to the judgment of the instructor with whom he has completed his work. It also indicates the relative place which he occupies among his fellow students in the same course and semester.
3. The marking system used in the University consists of eleven grades which may be described as follows:
 - 10: Extraordinarily brilliant.
 - 9: Excellent
 - 8: Very superior
 - 7: Superior
 - 6: Just above average
 - 5: Just below average
 - 4: Intermediate
 - 3: Barely passing
 - 2: Condition.
 - 1: Failing
 - 0: Worthless
4. The credits for a course are given to a student only when he has completed the course with a grade of "3" or above.

The credits for any semester's work in a Type-C or Type-F course are given to a student only when he has completed the whole course and has

secured a grade of "3" or above for every semester in the course.

5. A grade of "3" or above for the preceding semester's work in a Type-C or Type-F course is a prerequisite for the continuation of the course. The exceptions to this article are given in Article 9.
6. If a course has to be repeated, the credits for it will not be given twice.
7. The grade for thesis work is given at the completion of the thesis.
8. For the purpose of determining the average grade of a student, the number of credits and the grade for each course, multiplied together, are turned into merit-points.

The total number of merit-points a student receives within a certain period of time, divided by its corresponding total number of credits, gives the *average grade*.

In general, three kinds of average grade are distinguished and used in the University: *semester average grade*, *annual average grade*, and *general average grade*. For instance, if a student has taken 19 credits each semester during the freshman and sophomore years and obtained 95, 95, 114, and 95 merit-points for the four semesters successively; then his semester average grades are "5.0", "5.0", "6.0", and "5.0"; his annual average grades are "5.0" and "5.5"; and his general average grade is "5.3" at the end of the first three semesters and "5.3" at the end of the two years ("5.33" and "5.25" both counted as "5.3").

The credits and grade for every course or every semester of a course taken by a student are included in the computation of his average grade, regardless of whether the credits for it are given or otherwise.

9. The grade "2" is considered as a condition. This grade is given only to students whose work, though sufficient in quality to deserve credits, is deficient in quantity that can quickly be made up; or to students whose work is of doubtful quality that might be raised to passing level by a re-examination.

The time set for making up the deficiency or for taking the re-examination is during the first week after the beginning of class work for the following semester.

When the deficiency is made up or the re-examination is satisfactory

the grade of "2" may be displaced by "3", otherwise it will remain.

If a student receives a grade of "2" for his fall semester's work in any of the following courses, his instructor will report "condition" to the Registration Bureau until the completion of the work in the spring semester: Chinese 101-102, Chinese 201-202; Japanese 101-102-, Japanese -203-204; English 101-102, English 203-204, English 205-206; French 101-102-, French -203-204; German 101-102-, German-203-204; and Physical Education 101-102, Physical Education 201-202, Physical Education 301-302. The "condition", however, is taken into consideration when a student has to be warned or dismissed because of poor work.

If he receives a grade of "3" for the spring semester's work, his grade of "2" in the fall semester will automatically be raised to "3" and his instructor will report the grade of "3" for both semesters. If he again receives a grade of "2," his grades for both semesters will then be reported as "2," which becomes irremovable.

In any of the above mentioned courses, except English 101-102, if a student receives a grade of "3" or more for the first semester and one of "2" for the second semester, his grade of "2" is removable by making up the quantity deficiency or by a satisfactory re-examination in the following semester, and it will therefore be reported accordingly. The grade of "2" will remain if it is not removed before the set date, and the credits for the first semester's work will not be given until the second semester has been repeated with a satisfactory grade.

In English 101-102, if a student receives a grade of "3" for the first semester and one of "2" for the second semester, the instructor will report the student's grade to the Registrar as "condition" which will be considered as "2" when a student has to be warned or dismissed because of poor work. The student will be allowed to take English 203- without removing the "condition", and if he receives a grade of "3" or more in English 203-, the "condition" will be replaced by a grade of "3" automatically. If the "condition" is not removed as stated above, the Registrar will change it back into the grade of "2" which become irremovable.

10. Instructors sometimes use the mark "In," standing for "incomplete." It

refers to certain incompleteness in the class work of the semester, such as themes, reports, laboratory or field work. Incompleteness does not refer, however, to absence from either the final examination or any of the quizzes or tests. Whenever the mark "In" appears on the instructor's grade report, he will also inform the student of how this incompleteness may be removed.

11. The mark "Ab" is given when a student has been absent from the final examination. If such absence has not been properly excused, the "Ab" mark given by the instructor will be changed into "0" by the Registration Bureau. As a rule every course has a final examination scheduled at the end of the semester, the result of which is taken into consideration in determining the student's semester grade of work.

The mark "In" or "Ab" is given by an instructor only to students whose work is of a passing grade; for those whose work is already definitely of a failing grade, the grade of "1" or "0" will be reported instead of the mark "In" or "Ab".

All "In" and "Ab" marks received by a student in any semester must be removed during the first week after the beginning of class work for the following semester.

Before the above mentioned date, all "In" and "Ab" courses will not be included in the computation of average grades.

If "In" and "Ab" marks are not removed before the set date they will be replaced by the grade "0". The marks "In" and "Ab" may be displaced by any of the eleven grades from "0" to "10".

Students are charged one dollar for every "Ab" or "2" removal-examination. The grades from these examinations will not be accepted unless the student has made the payments for the examinations and presented the receipts to the Registration Bureau.

12. For computation of semester or annual average grades, summer courses are counted towards the subsequent fall semester.
13. The University requires 142 credits and a general average grade of "5" for graduation. An undergraduate student who carries and obtains the normal

number of credits each semester should show the following accumulation:

Year	At the completion of	
	First Semester	Second Semester
Freshman	19	38
Sophomore	57	76
Junior	93	110
Senior	126	142

14. Deficiency in credits may be made up by:
- Spending an extra semester (this is only allowed by special vote of the Deans' Committee).
 - Studying in summer schools. (A maximum of 1/8 of the total credits towards a degree may be obtained in summer school but summer school work may neither reduce the residence requirement of 8 semesters nor reduce the load of work to be registered for any of the subsequent semesters except by special permission from the Dean concerned). Students who fall in one of the following categories are required to attend summer schools:

Students with	Credit deficiency
2 semesters of residence	7 or more credits
3 " " "	6 " " "
4 " " "	5 " " "
5 " " "	4 " " "
6 " " "	3 " " "
7 " " "	2 " " "

- Taking extra credits each semester. (Students whose average grade for the preceding year is above "5.8" or "7.0" may be allowed to take one or two extra credits respectively in excess of the normal number of credits, and the Deans will sometimes give permission to other students to do so when circumstances warrant.)
15. University credits cannot be given for any course taken by students not already enrolled as students of university grade.
16. Auditors in any courses will not be given the credits for the course.

17. Auxiliary students are treated and marked by the instructors as regular students but cannot receive the credits for the courses taken.

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 reach the Adviser to Foreign Students or the Admissions Bureau preferably by February 1 in the year in which they seek admission. 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 in advisable to spend more than one or two years at the University.

OTHER REGULATIONS

For information concerning entrance requirements, tuition, laboratory fees and other expenses, scholarships, transfer requirements, and other regulations, students should consult the *Entrance Information Bulletin* and *Guidebook for Students*.

COURSES OF INSTRUCTION

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.

COLLEGE OF ARTS AND LETTERS

Students of the two other colleges may transfer to the College of Arts and Letters, if they fulfil the following conditions:

1. The general average grade must be "5" or above.
2. The average grade in required English and Chinese must be "5" or above.
3. The average grade in the courses of the Department to which the student wishes to transfer must be "5" or above.
4. The academic standard of the Department to which the student plans to transfer must be fulfilled.

CHINESE

Tung Fan, B. A.	<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>
Wang Ching-ju	<i>Assistant Professor</i>
Liang Ch'i-hsiung	<i>Lecturer</i>
Ling Ching-yen, M. A.	<i>Lecturer</i>
Chou Shu, B. A.	<i>Lecturer (part-time)</i>
Ch'ü Jun-min	<i>Lecturer (part-time)</i>
Hou E	<i>Lecturer (part-time)</i>
Hsü Shih-ying, B. A.	<i>Lecturer (part-time)</i>
Ku Sui, B. A.	<i>Lecturer (part-time)</i>
Liu Hou-tzu, M. A.	<i>Lecturer (part-time)</i>
Sun K'ai-ti, B. A.	<i>Lecturer (part-time)</i>

Wang Hsi-cheng, B. A.
 Cheng Ch'ien, B. A.
 Kao Ming-k'ai, Ph. D.
 Pai Hsü-chih, B. A.
 Chang Ch'ang-kung
 Chao Tsung-ch'ien, B. A.
 Huang Ju-wen, M. A.
 Yang Ming-chao, M. A.

Lecturer (part-time)
Instructor
Instructor
Instructor
Assistant
Assistant
Assistant
Assistant

Luh Chih-wei, Ph. D.
 Chao Tzu-ch'ien, Litt. D.

Professor of Psychology
Professor in the School of Religion

GENERAL REGULATIONS

1. The aim of the department 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.
2. No student will be accepted as a major student in this department unless he has obtained a grade of at least "5" in, or has been exempted from, Chinese 101-102 (1-2).
3. The courses of this department are divided into two sections: A. Chinese literature, and B. Chinese linguistics and philology. A major student may specialize in either section.
4. A major student must take 58 credits including the required and elective courses prescribed by the Department.
5. The required courses in section A (Chinese literature) are as follows:

	<i>credits</i>
Chinese Classics 1 (Sec. A)	4
Chinese Classics 2 (Sec. A)	4
Chinese Classics 3 (Sec. A)	4
Chinese 259-260; 261-262; 263-264; 303 & 304; 305 & 306; 307; 308; 497-498.	
Chinese 203 or 204; 205 or 206; 207 or 208; 209 or 210; 211 or 212; 301 or 302	Any two courses.

- English 205-206; or 231 & 232.
6. The required courses in Section B (Chinese linguistics and philology) are as follows:
 Chinese 203 to 212; 259-260; 261-262; 263-264; 265-266; 301 or 302; 361 to 366; 371-372; 373-374; 383-384; 389; 391-392; 497-498.
 English 205-206.
 7. Students of Section A (Chinese literature) are advised to select the following elective courses:
 - A. Junior Year
 Philosophy 271-272; 273-274.
 History 101-102; 237-238; 281-282.
 Chinese 220.
 - B. Junior and Senior Year
 English 205-206; 231 & 232.
 Chinese 217; 323-324; 327-328; 329; 333-334; 336; 337-338; 339 & 340; 341-342; 343-344; 389; 391-392.
 History 272; 376.
 8. Students of Section B (Chinese linguistics and philology) are advised to select the following elective courses:
 - A. Junior Year
 Chinese 293-294; 303 & 304; 367-368; 370; 382; 395-396.
 - B. Senior Year
 Chinese 305 & 306; 341-342; 343-344; 359-360; 376; 377; 379-380; 385; 387; 397.
 9. Students wishing to minor in education and to obtain a special certificate from that department must follow the regulations of the Department of Education.

I. COMPOSITION COURSES

Chinese 101-102 (1-2) Freshman Chinese 3-3 credits
 This course aims at giving a general view of Chinese literature and gives training in reading and writing. A composition, either in the classical or the modern style, is required once every two weeks. Required of all freshman students. Those exempted from this course are required to take two credits of Chinese instead of six. M 2:10, 3:10, W 2:10, Sections

A, B, C, D, E, & K; T 2:10, 3:10, Th 2:10, Sections F, G, H, I, & J; F 2:10, 3:10, S 10:20 Sections L, M, N, & O.

A. Mr. Hsü	B. Mr. Chü	C. Mr. Chou	D. Mr. Huang
E. Mr. Chang	F. Mr. Liang	G. Mr. Pai	H. Mr. Huang
I. Mr. Yang	J. Mr. Chang	K. Mr. Cheng	L. Mr. Pai
M. Mr. Yang	N. Mr. Huang	O. Mr. Chang	

Chinese 201-202 (15-16) Sophomore Chinese 2-2 credits x x

The aim of this course is similar to that of Chinese 101-102 (1-2). It gives training in reading and writing, with the special object of making up the deficiencies of those students whose grades are not up to "5" during the first year; a composition, usually in classical style, is required once a week. Required of those obtaining a grade below "5" in Chinese 102 (2). Elective: 2, 3. Th 2:10, 3:10, Sections A, & B.

Messrs. H. C. Wang & Hou

Chinese 203 or 204 (21 or 22) Modern Chinese Composition (A) 2 credits

This course discusses modern Chinese prose. A composition is required once every two weeks. Elective: 2, 3, 4. M 10:20, 11:20.

Mr. H. C. Wang

Chinese 205 or 206 (21 or 22) Modern Chinese Composition (B) 2 credits

This course discusses and gives training in the writing of modern Chinese poetry and drama. Elective: 2, 3, 4.

Mr. H. C. Wang

Chinese 207 or 208 (33 or 34) Translation (A) 2 credits

This course is opened particularly for the students of the College of Public Affairs and the College of Natural Sciences. Materials to be translated will be selected by the different departments of the Colleges concerned. One translation a week, either into classical or modern Chinese. Elective: 2, 3, 4. Th 2:10, 3:10.

Mr. Ling

Chinese 209 or 210 (33 or 34) Translation (B) 2 credits

This course gives training in translating literary works into modern Chinese. One translation a week. Elective: 2, 3, 4.

Chinese 211 or 212 (17 or 18) Correspondence 2 credits x x

This course studies the styles of letter writing during the different dynasties, and also gives training in writing. One exercise a week, mostly in classical style. Elective: 2, 3, 4. T 10:20, 11:20, Sections A & B.

Mr. Tung

Chinese 301 or 302 (31 or 32) Documentary Composition 2 credits x x

This course is opened particularly for the students of the College of Public Affairs and those of the Department of Education. It illustrates the different documentary forms and gives training in composition. An exercise is

required once a week. Elective: 3, 4. T 2:10, 3:10, Sections A & B.

Mr. Wu

Chinese 303 & 304 Selected Prose and Composition 3-3 credits

This course takes up selections of prose written by famous writers of the dynasties from *Han* to *Ch'ing* with emphasis on both content and structure. One composition is required every two weeks. Elective: 3, 4. TTh 10:20, S 9:20.

Mr. Cheng

Chinese 305 & 306 (41-42) Selected Poems and Composition 3-3 credits

Studies are made of selected poems by famous authors of the dynasties from *Han* to *Ch'ing*. One exercise every two weeks is required. Elective: 3, 4. Not offered in 1940-1941.

Chinese 307 (43) Selected *T'zu* (詞) and Composition 3 credits x x

Studies of selected *T'zu* written by famous authors of the dynasties from *T'ang* to *Ch'ing*. One exercise every two weeks is required. Elective: 3, 4. W 1:10, 2:10, 3:10.

Mr. Ku

Chinese 308 (44) Selected *San-Ch'ü* 散曲 and Composition 3 credits

Studies of selected miscellaneous *Ch'ü* written by famous authors of the dynasties from *Chin* to *Ch'ing*. One exercise every two weeks is required. Elective: 3, 4.

Mr. Ku

II. LITERATURE

Chinese Classics 1 (Sec. A.)

This group of courses covers the most important classics of Chinese History. Besides discussions on the contents of these books a study is also made of the etymology of certain words. Each semester one report and several translations or notes are required. At least 4 credits are required for junior and senior majors in Chinese (Section A).

Chinese 222 尚書 *Shang Shu* 3 credits

Elective: 2, 3, 4.
Not offered in 1940-1941.

Mr. Tung

Chinese 223 & 224 (53-54) 三禮 *San Li* 2-2 credits

Elective: 2, 3, 4.
Not offered in 1940-1941.

Mr. Tung

Chinese 225 & 226 (55-56) 春秋三傳 2-2 credits x x

Three Commentaries on the *Ch'un Ch'iu*
Elective: 2, 3, 4. TTh 9:20.

Mr. Ling

Chinese 227 & 228	史記 <i>Shih Chi</i>	2-2 credits
Elective: 2, 3, 4. MW 10:20.		Mr. Liang
Chinese 229 & 230	前後漢書 <i>Ch'ien Hou Han Shu</i>	2-2 credits
Elective: 2, 3, 4. MW 11:20.		Mr. Liang
Chinese 231	三國志 <i>San Kuo Chih</i>	2 credits
Elective: 2, 3, 4.		Mr. Liang
Not offered in 1940-1941.		
Chinese 232	晉書 <i>Chin Shu</i>	2 credits
Elective: 2, 3, 4.		Mr. Liang
Not offered in 1940-1941.		

Chinese Classics 2 (Sec. A).

This group of courses covers the most important classics of Chinese thought. The method of teaching is the same as in Chinese 222 to 232. At least 4 credits are required for junior and senior majors in Chinese (Sec. A).

Chinese 235 & 236	周易 <i>Chou I</i>	2-2 credits
Elective: 2, 3, 4.		Mr. H. C. Wang
Not offered in 1940-1941.		
Chinese 237	論語孟子 <i>Lun Yü and Meng Tz'u</i>	3 credits
Elective: 2, 3, 4. MWF 1:10.		Mr. Ling
Chinese 239-240 (1936:176)	老子莊子 <i>Lao Tz'u and Chuang Tz'u</i>	2-2 credits
Elective: 2, 3, 4.		Mr. H. C. Wang
Not offered in 1940-1941.		
Chinese 241	墨子 <i>Mo Tz'u</i>	2 credits
Elective: 2, 3, 4.		Mr. Liang
Not offered in 1940-1941.		
Chinese 246	韓非子 <i>Han Fei Tz'u</i>	2 credits
Elective: 2, 3, 4.		Mr. Liang
Not offered in 1940-1941.		
Chinese 345-346 (57-58)	荀子 <i>Hsün Tz'u</i>	2-2 credits
Elective: 3, 4. Th 10:20, 11:20.		Mr. Liang

Chinese Classics 3 (Sec. A).

This group of courses covers the most important classics of pure literature. The method of teaching is the same as in Chinese 222 to 232. At least 4 credits are required for junior and senior majors in Chinese (Sec. A).

Chinese 248	詩經 <i>Shih Ching</i>	3 credits
Elective: 2, 3, 4.		Mr. Ling
Chinese 251-252	文選 <i>Wen Hsüan</i>	2-2 credits
Elective: 2, 3, 4.		
Not offered in 1940-1941.		
Chinese 254	文心雕龍 <i>Wen Hsin Tiao Lung</i>	2 credits
Elective: 2, 3, 4.		Mr. Yang
Chinese 256	Works of Famous Authors 1 (Poem)	2 credits
Elective: 2, 3, 4.		Mr. Kuo
Chinese 349-350	楚辭 <i>Ch'u Tz'u</i>	2-2 credits
Elective: 3, 4. Th 2:10, 3:10.		Mr. Ku
Chinese 357-358	Works of Famous Authors 2 (<i>T'zu</i> 詞)	1-1 credits
Elective: 3, 4. Th 1:10.		Mr. Cheng
Chinese 217	Rhetoric	3 credits
This course explains the nature of the Chinese language and the problems of rhetoric in connection with methods or mood, in order to aid the various courses on composition. Elective: 2, 3, 4.		Mr. Kuo
Not offered in 1940-1941.		
Chinese 220	Introduction to Chinese Literature	2 credits
This course deals with the general theory of literature and a study of the different Chinese literary styles. Elective: 2, 3, 4.		Mr. Kao
Chinese 259-260 (47-48)	History of Chinese Literature	3-3 credits
A study of the history of Chinese literature, including the principal literary movements and the forces causing these movements. Elective: 2, 3, 4. Required: Chinese majors. MWF 2:10.		Mr. Kuo
Chinese 323-324 (81-82)	Literary Criticism	2-2 credits
This course puts special emphasis on the principles of literary criticism. Elective: 3, 4. S 9:20, 10:20.		Mr. Kuo
Chinese 327-328	A Study of <i>Ch'ü Lü</i> (曲律)	2-2 credits
This course aims to study the theory and principles of fitting Chinese characters in music. Elective: 3, 4. T 1:10, Th 2:10.		Mr. H. C. Wang
Chinese 329 (50)	Methods of Teaching Chinese in Middle Schools	3 credits
Studies are made in regard to the selection and handling of the subject matter for teaching Chinese in middle schools. Students are given an		

- opportunity to prepare materials for use in teaching. Elective: 3, 4.
MWF 8:00. Mr. Tung
- Chinese 331-332 (1938:57-58) Chinese Religious Literature 1-1 credits
Chinese classics are studied from a religious point of view. Elective: 3, 4.
S 8:00. Mr. Chao
- Chinese 333-334 (1933:163) Buddhist Literature in Chinese 2-2 credits
Translations
This course deals with a bibliography of Buddhist literature, a study of
famous Buddhist works, and their influence on Chinese literature. Elective:
3, 4.
Not offered in 1940-1941. Mr. Tung
- Chinese 336 Biographical Studies 2 credits
Selections are taken from Chinese and Western biographies for writing
exercises. Parts will be taken from Chinese histories and biographies, re-
organized and re-written by the student in his own words. Elective: 3, 4.
Not offered in 1940-1941. Mr. H. C. Wang
- Chinese 337-338 History of Chinese Poetry 2-2 credits
This course deals with the origin and development of Chinese poetry.
Elective: 3, 4. MW 9:20. Mr. Cheng
- Chinese 339 & 340 (1938:163-164) History of Chinese Literary 2-2 credits
Criticism
This course deals with the history of Chinese literary criticism and the
opinions of the critics of the past. It analyzes the various theories of criticism
and explains how they were derived. Their influence on Chinese literature is
also discussed. Elective: 3, 4.
Not offered in 1940-1941. Mr. Kuo
- Chinese 341-342 (1937:69, 73-74) History of Chinese Novels 2-2 credits
Studies are made of selections from works written by famous novelists.
The course also explains the development and the position of novels in
Chinese literature. Elective: 3, 4. T 2:10, 3:10. Mr. Sun
- Chinese 343-344 (1937:68, 73-74) History of Chinese Drama 2-2 credits
Studies are made of the works of famous dramatists. Emphasis is put
on the origin and development of Chinese drama and its literary
value, and the organization of dramatic groups and the cultural back-
ground of the stage. Elective: 3, 4. TTh 8:00. Mr. Ling

III. LINGUISTICS AND PHILOLOGY

- Chinese 261-262 (1938:151-152) Philology 3-3 credits

Lectures are given on the development of the form, sound, and meaning of
Chinese characters. Discussions are conducted on the functions of *Liu Shu*,
六書, the six types of word-formation. Elective: 2, 3, 4. Required:
Chinese majors. MWF 9:20. Mr. Jung

- Chinese 263-264 (99-100) Linguistics 3-3 credits
This course deals with the elements, structure, and changes of language and
gives a general idea of the language groups of the world. Special attention
is given to the Sino-Tibetan and Indo-European language groups. Elective:
2, 3, 4. Required: Chinese majors (section B). Mr. Kao
- Chinese 265-266 (91-92) Phonology 3-3 credits
This course uses the *Kuang Yün* as a basis for comparison of the sound of
words before and after the appearance of that book. The elements of
phonology will be analyzed so that the student may obtain a general know-
ledge of that field. Elective: 2, 3, 4. Required: Chinese majors (Sec. B).
T 9:20, Th 9:20, 1:10. Mr. C. J. Wang
- Chinese 293-294 Bibliography 2-2 credits
The course classifies and studies the different editions of various books.
Students will be given training in the gathering of material on special
problems. Elective: 2, 3, 4.
Not offered in 1940-1941. Mr. Hou
- Chinese 359-360 Study of *Po T'zu* 卜辭 2-2 credits
The course deals with the books on *Po T'zu* and analyzes the records found
on *Po T'zu*. Elective: 3, 4. TTh 9:20. Mr. Chü
- Chinese Classics (Sec. B.)
Shuo Wen and *Kuang Yün* are used as the principal texts. The former is the
fundamental work for understanding Chinese philology, and the latter is equally
important for phonology. Elective: 3, 4. Required: Chinese majors 3, 4 (Sec. B).
- Chinese 361-362 (97) 說文 *Shuo Wen* 3-3 credits
Elective: 3, 4. MWF 10:20. Mr. Jung
- Chinese 363-364 切韻之屬 *Ch'ieh Yün* and Correlated Books 1-1 credits
Not offered in 1940-1941. Mr. Luh
- Chinese 366 爾雅之屬 *Erb Ya* and Correlated Books 1 credit
Not offered in 1940-1941. Mr. Kuo
- Chinese 367-368 History of Chinese Philology 2-2 credits
This course emphasizes the results of research on philology by past authors

and also discusses the differences in their aims and methods. Elective: 3, 4.
Not offered in 1940-1941.

- Chinese 370 History of Chinese Characters 3 credits
Studies in the forms and classifications of Chinese characters. A selected number of individual characters are studied one by one according to the date of their origin. Elective: 3, 4.
Not offered in 1940-1941. Mr. Jung
- Chinese 371-372 Paleography 3-3 credits
Studies in the characters found on ancient stones, bronzes, and oracle bones, the story of their discovery and the meaning of the characters. Elective: 3, 4. Required: Chinese majors 3, 4.
Not offered in 1940-1941. Mr. Jung
- Chinese 373-374 Comparative Phonology 2-2 credits
This course presents the main features of sound changes. The sounds of the Standard *Kuo Yü* 國語 are compared with those of other dialects and a study is made of historical changes within the various dialects. Phonetic experiments are conducted. Elective: 3, 4. Required: Chinese majors (Sec. B).
Not offered in 1940-1941.
- Chinese 376 (1933:175-176) Studies in Modern Chinese 3 credits
This course deals with the changes in the language used in vernacular literature from the *T'ang* period on. The material examined, includes the following forms: *Pien Wen* 變文, *P'ing Hua* 平話, *Ch'uan Ch'i* 傳奇, *Yüan Pen* 院本, *Pao Chüan* 寶卷, and *Yü Lu* 語錄. An attempt is made to discover the linguistic origins of present day Chinese and the relation between language changes and the changes in literary style. Elective: 3, 4. Mr. Tung
- Chinese 377 History of the *Kuo Yü* 國語 Movement 3 credits
This course examines the origins, development, and achievement of the *Kuo Yü* 國語 movement. A study is made of *Yang Hsiung's Fang Yen* 揚雄方言 and of later work, such as the modern *Ch'ieh Yin* 切音 method of the past fifty years. An account is given of the conference on standardization of the national language and of possible development in the future. Elective: 3, 4.
Not offered in 1940-1941. Mr. Tung
- Chinese 379-380 Modern Chinese Dialects 2-2 credits
The course examines the present distribution of Chinese dialects and studies their origins and changes. The lectures will be accompanied by experi-

ments and field work. Elective: 3, 4.
Not offered in 1940-1941.

- Chinese 382 History of Phonology 3 credits
This course divides the history of phonology into several periods and studies the changes and developments in each period. Elective: 2, 3, 4.
Mr. C. J. Wang
- Chinese 383-384 (1935:29-30) Ancient Phonology 2-2 credits
This course applies the principles of phonology to the study of ancient sounds, in order to complete the study of the history of Chinese linguistics. Elective: 3, 4. Required: Chinese majors (Sec. B). T 2:10, 3:10. Mr. Hsü
- Chinese 385 The Origin and Development of *T'eng Yün* 等韻 3 credits
The phonology of the Sung Dynasty with special emphasis on the explanation of various terms. Elective: 3, 4.
- Chinese 387 Westerners on Chinese Phonology 3 credits
The aim of this course is to examine the results of research by Westerners on Chinese phonology. Elective 3, 4. T 10:20, Th 10:20, 11:20.
Mr. C. J. Wang
- Chinese 389 (93-94) Etymology 3 credits
This course studies the meaning of words and illustrates the relationship between etymology and phonology, and between etymology and the forms of characters. Elective 3, 4. Required: Chinese majors (Sec. B).
Not offered in 1940-1941. Mr. Kuo
- Chinese 391-392 (1937:167) Chinese Grammar 3-3 credits
The course deals with the elements of Chinese grammar and also analyzes the construction of sentences of ancient and modern Chinese. The differences between Chinese grammar and that of foreign languages are brought out. Elective: 3, 4. Required: Chinese majors (Sec. B). Mr. Kao
- Chinese 395-396 Practice in Collation 2-2 credits
A study is made of the history of collation and the methods of collation since the *Han* Dynasty. Students are given practice in collating various editions of the same book. Elective: 3, 4.
Not offered in 1940-1941. Mr. Yang
- Chinese 397 Symbols on Ancient Bronzes 3 credits
The course deals with the books on ancient bronzes and studies the symbols thereon. Elective: 3, 4.
Not offered in 1940-1941. Mr. Jung

IV. THESIS

Chinese 497-498 A (199-200)	Senior Thesis A	2 to 4 credits
A student writes on a special problem under the direction of a professor.		
		Staff
Chinese 497-498 B (199-200)	Senior Thesis B	2 to 4 credits
A student translates under a professor's direction a famous work from a foreign language into Chinese.		
		Staff
Chinese 497-498 C (199-200)	Senior Thesis C	2 to 4 credits
A Student of Sec. A may obtain special permission from his thesis adviser to substitute a creative piece of work for a research thesis.		
Chinese 597-598 (299-300)	Graduate Thesis	Staff

V. JAPANESE

Japanese 101-102-(1-2)	Elementary Japanese	3-3 credits
The student is made familiar with common phrases and grammar, simple conversation, and literary expressions. Credit will not be given unless Japanese-203-204 (3-4) is completed also. Elective: 1, 2, 3, MTWTh 9:20.		
		Mr. Liu
Japanese-203-204 (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. M1:10, 2:10; W 2:10.		
		Mr. Liu

WESTERN LANGUAGES

H. 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>
Miss Anne Cochran, M. A.	<i>Professor</i>
Miss Margaret B. Speer, M. A.	<i>Professor</i>
*Louis E. Wolferz, Ph. D.	<i>Professor</i>
E. K. Smith, M. A.	<i>Professor (part-time)</i>
Miss E. Th. Czech, Edle von Rechtensee, Ph. D.	<i>Assistant Professor</i>

*On leave of absence, 1940-1941.

George R. Löehr, D. Litt.	<i>Assistant Professor</i>
Rudolph Löwenthal, Ph. D.	<i>Lecturer (part-time)</i>
W. Sheldon Ridge, B. A.	<i>Lecturer (part-time)</i>
Mrs. Louise Loehr Saetti, B. A.	<i>Lecturer (part-time)</i>
Mrs. H. E. Shadick	<i>Lecturer (part-time)</i>
John Stanley, B. A.	<i>Lecturer (part-time)</i>
Miss Katherine Cherry, B. A.	<i>Instructor</i>
Miss Chou Kuo-p'ing, B. A.	<i>Instructor</i>
Miss Katherine P. Bowen, B. A.	<i>Assistant</i>
Langdon Gilkey, B. A.	<i>Assistant</i>

L. R. O. Bevan, M. A., LL. B.	<i>Honorary Lecturer</i>
Mrs. Philippe de Vargas, Lic. Litt.	<i>Honorary Lecturer</i>

Li Jung-fang, M. A., Th. D.	<i>Professor in the School of Religion</i>
R. Brank Fulton, B. A., B. D.	<i>Lecturer in the School of Religion</i>

The Department of Western Languages offers four major courses:

- A. A course in English Literature.
- B. A modified form of course A which gives special preparation for the teaching of English.
- C. A course in Western Literature.
- D. A course in French Literature.

In order to major in courses A, B, or C a student must have a grade of at least "6" in English 102 (2), and of at least "5" in English 205-206 (5-6), and 211 & 212 (35-36), or 231 & 232 (91-92).

In order to major in course C a student must in addition have a grade of at least "6" in French or German 102.

In order to major in course D a student must secure special permission from the Chairman of the Department.

English 101-102 (1-2) and 205-206 (5-6), French 101-102-(1-2) and-203-204 (3-4), German 101-102-(1-2) and-203-204 (3-4), do not count as part of the major credits.

Course A

The Major: At least 47 credits in English including the following:

		<i>credits</i>
English 211 & 212 (35-36)	Introduction to Phonetics and Linguistics	3-3
English 231 & 232 (11-12)	Nineteenth Century English Literature	3-3
English 317 (31)	Advanced Composition I*	3
English 333 & 334 (13-14)	Eighteenth Century English Literature	3-3
English 335 & 336 (17-18)	Seventeenth Century English Literature	3-3
English 337 & 338 (15-16)	English Literature to 1600	3-3
English 343 & 344 (27-28)	Shakespeare	3-3
English 497-498 (199-200)	Senior Thesis	Minimum: 1-1

Correlated Subjects:

History 255-256 (119-120), The History of England, 3-3

At least 12 credits chosen with the approval of the Chairman from Chinese, Economics, Education, History, Music, Philosophy, Political Science, Psychology, or Sociology, or from advanced courses in French or German.

Course B

The Major: At least 38 credits in English, including two courses out of this group:

		<i>credits</i>
English 333 & 334 (13-14)	Eighteenth Century English Literature	3-3
English 335 & 336 (17-18)	Seventeenth Century English Literature	3-3
English 337 & 338 (15-16)	English Literature to 1600	3-3
English 343 & 344 (27-28)	Shakespeare	3-3

and all the following:

English 211 & 212 (35-36)	Introduction to Phonetics and Linguistics	3-3
English 231 & 232 (11-12)	Nineteenth Century English Literature	3-3

*Students may be exempted from this requirement by examination.

credits

English 317 (31)	Advanced Composition I*	3
English 325 or 326 (161 or 162)	Methods of Teaching English	3
English 497-498 (199-200)	Senior Thesis	Minimum: 1-1

Correlated Subjects:

Psychology 101 or 102 (1 or 2)	General Psychology	3
Education 101 or 102 (3 or 4)	Survey Course in Education	3
Education 116 (16)	Educational Psychology	3

At least 9 credits chosen from the correlated subjects listed under Course A.

Additional Credits: 8 more credits in Education or 9 more credits in English.

By fulfilling the conditions laid down by the Department of Education, students taking Course B, may qualify for the Education Diploma, Form B (See page 69).

Course C

The Major: At least 47 credits including:

		<i>credits</i>
A.	English 211 & 212 (35-36) Introduction to Phonetics and Linguistics	3-3
	English 317 (31) Advanced Composition I*	3
B.	Two of the following group:	
	English 231 & 232 (11-12) 19th Century English Literature	3-3
	English 333 & 334 (13-14) 18th Century English Literature	3-3
	English 335 & 336 (17-18) 17th Century English Literature	3-3
	English 337 & 338 (15-16) English Literature to 1600	3-3
	English 343 & 344 (27-28) Shakespeare	3-3
C.	Two of the following group:	
	English 361 & 362 (81-82) The Literature of the Bible	3-3
	English 367 & 368 (77-78) Classical Literature	3-3
	English 369 & 370 (73-74) Renaissance Literature	3-3
	English 371 & 372 (85-86) History of French Literature	3-3
	English 373 & 374 History of German Literature	3-3

*Students may be exempted from this requirement by examination.

- D. Two of the following group: *credits*
- | | |
|---|-----|
| French 305 & 306 (105-106) 19th Century French Literature | 3-3 |
| French 309 & 310 (111-112) 18th Century French Literature | 3-3 |
| French 311 & 312 (119-120) 17th Century French Literature | 3-3 |
| German 301 & 302 (101-102) Studies in German Literature A | 3-3 |
| German 303 & 304 (101-102) Studies in German Literature B | 3-3 |
- E. English 497-498 (199-200) Senior Thesis 1-1

Correlated subjects: At least 16 credits chosen from the group of correlated subjects listed under Course A.

Six credits in the history of Europe are required instead of six credits in the history of England.

Course D

A Major in French Literature can be arranged for qualified students.

Note: The Department reserves the right to exclude from the second semester of a course any student who is judged by the Chairman of the Department or the instructor of the course to be not qualified to take it.

ENGLISH
REQUIRED ENGLISH LANGUAGE COURSES

- English 101-102 (1-2) Freshman English 4-4 *credits*
- Required: MTWThF 10:20, Sections A to H; MTWThF 11:20, Sections I to L.
- | | | |
|---------------|----------------|----------------|
| A. Mr. Ridge | B. Miss Bowen | C. Miss Cherry |
| D. Mr. Bevan | E. Mr. Fulton | F. Miss Chou |
| G. Mr. Gilkey | H. Miss Czech | I. Mr. Gilkey |
| J. Mr. Smith | K. Miss Cherry | L. Miss Bowen |

- English 203-204 (3-4) Special Sophomore English 4-4 *credits*
- Prerequisite: English 101-102 (1-2). A. MTWTh 9:20. B. MTWTh 2:10.
A. Mr. Smith, B. Miss Bowen

Note: Sophomore students whose grade in English 102 (2) was less than "5", are required to take English 203-204 (3-4) instead of English 205-206 (5-6).

- English 205-206 (5-6) Sophomore English 4-4 *credits*
- Section A for students interested in literature and history; C and D for students interested in the social sciences, history, education, and journalism;

E, F, and I for students interested in natural sciences; and G and H for students interested in premedicine. Prerequisite: English 101-102 (1-2). Elective: 2. MTWTh 9:20 Section A; MTWTh 9:20 Sections C and D; MTThF 11:20 Section E; MTThF 2:10 Section F; MTWTh 11:20 Section G and H.

A. Mr. Shadick	C. Miss Cherry	D. Mr. Ridge	E. Mr. Loehr
F. Mr. Gilkey	G. Mr. Breece	H. Mr. Stanley	I. Miss Cochran

Note: English 203-204 (3-4) or 205-206 (5-6) is prerequisite for all English courses. English 211-212 (35-36) and 231-232 (11-12) may be taken concurrently with English 205-206 (5-6).

LINGUISTICS, ETC.

- English 211 & 212 (35-36) Introduction to Phonetics and Linguistics 3-3 *credits*
- Prerequisite: English 205-206 (5-6) [see note above]. Elective: 2, 3, 4. MWf 9:20. Miss Cochran

- English 317 (31) Advanced Composition I 3 *credits*
- Prerequisite: English 205-206 (5-6). Elective: 3, 4. TTh 10:20.
A. Mr. Smith B. Mr. Breece

- English 318 (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 317 (31). Elective: 3, 4. Miss Cochran

- English 321 & 322 (91-92) Translation from Chinese into English 2-2 or 3-3 *credits*
- Prerequisite: English 205-206 (5-6). Elective: 3, 4 [limited to 15 students].
Not offered in 1940-1941.

- English 325 or 326 (161 or 162) Methods of Teaching English 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 and to observe classes in Junior and Senior Middle Schools. The course is not limited to major students in English, but all students must secure the approval of the Chairman of the Department and the instructors before registering for the course. Prerequisite: English 205-206 (5-6). Elec-

tive: 3, 4. Time of lectures and teaching hours to be arranged.
Miss Speer & Miss Chou

ENGLISH AND AMERICAN LITERATURE

- English 231 & 232 (11-12) Nineteenth Century English Literature 3-3 credits
Fall semester, the Romantic Period; spring semester, the Victorian Period. Prerequisite: English 205-206 (5-6) [see note above]. Elective: 2, 3, 4. MWF 10-20. Miss Speer
- English 333 & 334 (13-14) Eighteenth Century English Literature 3-3 credits
Prerequisite: English 205-206 (5-6). Elective: 3, 4. TThS 8:00. Mr. Shadick
- English 335 & 336 (17-18) Seventeenth Century English Literature 3-3 credits
Prerequisite: English 205-206 (5-6). Elective: 3, 4. Not offered in 1940-1941. Mr. Shadick
- English 337 & 338 (15-16) English Literature to 1600 3-3 credits
Prerequisite: English 205-206 (5-6). Elective: 3, 4. Not offered in 1940-1941. Miss Cochran
- English 339 (67) English and American Prose 1890-1914 3 credits
Fiction, drama, and the essay. Prerequisite: English 205-206 (5-6). Elective: 3, 4. MWF 10:20. Miss Cochran
- English 340 (68) English and American Prose, 1914 to the Present. 3 credits
Prerequisite: English 205-206 (5-6). Elective: 3, 4. Mr. Smith
- English 341 & 342 (69-70) English and American Poetry, 1890 to the Present. 3-3 credits
Prerequisite: English 205-206 (5-6). Elective: 3, 4. Not offered in 1940-1941. Miss Boynton
- English 343 & 344 (27-28) Shakespeare 3-3 credits
Prerequisite: English 205-206 (5-6). Elective: 3, 4. MWF 8:00. Mr. Breece
- English 351 & 352 (44) American Literature 3-3 credits
Prerequisite: English 205-206 (5-6). Elective: 3, 4. Not offered in 1940-1941. Mr. Breece

WESTERN LITERATURE, OTHER THAN ENGLISH AND AMERICAN

- English 263 & 264 (93-94) Chronicle and Prophetic Literature of the Hebrews 3-3 credits
Elective: 2, 3, 4. Not offered in 1940-1941. Mr. Li
- English 265 & 266 (75-76) Poetic and Wisdom Literature of the Hebrews 3-3 credits
Elective: 2, 3, 4. MWF 2:10. Mr. Li
- English 361 & 362 (81-82) The Literature of the Bible. 3-3 credits
Historical and literary setting; place in European and English Literature; literary forms in the Bible; detailed studies of typical forms and books. Prerequisite: English 205-206 (5-6). Elective: 3, 4. MWF 11:20. Mr. Ridge
- English 367 & 368 (77) Classical Literature in English Translation 3-3 credits
Fall semester, Greek Literature; spring semester, Latin Literature. Prerequisite: English 205-206 (5-6). Elective: 3, 4. Not offered in 1940-1941. Miss Czech
- English 369-370 (73-74) Renaissance Literature 3-3 credits
A general study of Renaissance Literature in Italy, Spain, France, and Germany. Prerequisite: English 205-206 (5-6). Elective: 3, 4. Not offered in 1940-1941.
- English 371 & 372 (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 205-206 (5-6). Elective: 3, 4. TTh 11:20 and one hour to be arranged. Not offered in 1940-1941. Miss Czech & Mr. Loehr
- English 373 & 374 History of German Literature 3-3 credits
Prerequisite: English 205-206 (5-6). Elective: 3, 4. Time to be arranged. Miss Czech & Mr. Loehr

English 375 & 376 (83-84) History of Russian Literature 2-2 *credits*
Prerequisite: English 205-206 (5-6). Elective: 3, 4.
Not offered in 1940-1941. Mrs. Shadick

English 387 & 388 (51-52) Currents of Modern Thought 3-3 *credits*
Studies in the literary expression of important thought movements: philo-
sophical, scientific, social, and religious. Prerequisite: English 205-206
(5-6). Elective: 3, 4.
Not offered in 1940-1941.

English 391 (89) Literary Criticism I 3 *credits*
Lectures on the history and principles of criticism; reading of standard
critical texts; exercises in criticism. Prerequisite: English 205-206 (5-6).
Elective: 3, 4.
Not offered in 1940-1941. Mr. Shadick

English 392 (90) Literary Criticism II 3 *credits*
Introduction to aesthetics and modern critical theory. Prerequisite: English
205-206 (5-6). Elective: 3, 4.
Not offered in 1940-1941. Mr. Shadick

English 497-498 (199-200) Senior Thesis 1-1 or 2-2 *credits*
Staff

FRENCH

French 101-102-(1-2) Elementary French 3-3 *credits*
An introductory course intended for students with a talent for languages.
The work of the class is conducted in French. No credit is given unless
French-203-204 (3-4) is satisfactorily completed also. Elective: 1, 2, 3.
MWF 8:00 Section A; MWF 3:10 Section B.
A. Mrs. Shadick, B. Mrs. Saetti

French-203-204 (3-4) Intermediate French 3-3 *credits*
Prerequisite: French 101-102-(1-2). Elective: 2, 3, 4. MWF 9:20 Sec-
tion A; MWF 2:10 Section B.
A. Mr. Loehr, B. Miss Czech

French 305 & 306 (105-106) Nineteenth Century French Literature 3-3 *credits*

Prerequisite: French-203-204 (3-4). Elective: 3, 4.
Not offered in 1940-1941.

French 309 & 310 (111-112) Eighteenth Century French Literature 3-3 *credits*

Prerequisite: French-203-204 (3-4). Elective: 3, 4.
Not offered in 1940-1941.

French 311 & 312 (119-120) Seventeenth Century French Literature 3-3 *credits*

Topic for 1940-1941: Molière and the Literature of the Salon.

Prerequisite: French-203-204 (3-4). Elective: 3, 4. TThS 9:20.

Mrs. de Vargas

French 313 & 314 (117-118) Contemporary French Literature 3-3 *credits*

Prerequisite: French-203-204 (3-4). Elective: 3, 4.
Not offered in 1940-1941.

French 351 & 352 (151-152) Readings in Special Fields 1-1 *credits*

Guided readings in French in the student's major field. Prerequisite:
French-203-204 (3-4). Elective: 3, 4. One hour to be arranged.

Mr. Loehr

French 497-498 (199-200) Senior Thesis 2-2 *credits*
Staff

Note: For a general course in the History of French Literature [texts in French or
English according to the ability of the student] see English 371 & 372 (85-86).

GERMAN

German 101-102-(1-2) Elementary German 3-3 *credits*
An introductory course intended for students with a talent for languages.
The work of the class is conducted in German. No credit is given unless
German-203-204 (3-4) is satisfactorily completed also. Elective: 1, 2, 3.
MWF 8:00. A. Miss Czech, B. Mr. Loehr

German-203-204 (3-4) Intermediate German 3-3 *credits*
Prerequisite: German 101-102-(1-2). Elective: 2, 3, 4. MWF 8:00
Section A; MWF 9:20 Section B. Mr. Löwenthal

German 301 & 302 (101-102) Studies in German Literature A 3-3 *credits*
Topic for 1940-1941: Selections from the Works of Goethe. Prerequisite:

German-203-204 (3-4). Elective: 3, 4. Time to be arranged.

Miss Czech

German 303 & 304 (101-102) Studies in German Literature B 3-3 credits

Prerequisite: German-203-204 (3-4). Elective: 3, 4.
Not offered in 1940-1941.

Miss Czech

German 351 & 352 (151-152) Readings in Special Fields 1-1 credits

Guided readings in German in the student's major field. Prerequisite:
German-203-204 (3-4). Elective: 3, 4. One hour to be arranged.
Not offered in 1940-1941.

Mr. Loehr

HISTORY

Ch'i Ssu-ho, Ph. D.	<i>Assistant 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>Assistant Professor</i>
Hsiao Cheng-yi, M. A.	<i>Lecturer</i>
Nieh Ch'ung-ch'i, B. A.	<i>Lecturer</i>
Wêng Tu-chien, Ph. D.	<i>Lecturer</i>
P'ei Wen-ch'ung, Sc. D.	<i>Lecturer (part-time)</i>
Wang I-hsiu, M. A.	<i>Instructor</i>
Hou Jen-chih, M. A.	<i>Assistant</i>
Wang Chung-han, M. A.	<i>Assistant</i>
Miss Lo Hsiu-chen, B. A.	<i>Assistant</i>
Miss Chang Wei-ying, M. A.	<i>Assistant (part-time)</i>

Chang Erh-t'ien *Adviser to Graduate Students*
Li Jung-fang, M. A., Th. D. *Professor in the School of Religion*

The aim of the department is twofold: to enable the general student to acquire an historical insight into the political, economic, and cultural movements

* On leave of absence, first semester, 1940-1941.

of the nations and the world, thus supplying an important requirement for 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.

The department is divided into two sections, Chinese history and Western history. Students should decide upon their specialization before the beginning of their junior year.

Special Requirements: Eight credits of Sophomore English.

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

		<i>credits</i>
History 101-102 (1-2)	General History of China	3-3
History 145 (91), 146 (92), 153 & 154 (107-108)	Introductory courses in Western History	3-3
History 272 (161)	Historical Method	2
History 376 (167)	Advanced Historical Method	2
History 497-498 (199-200)	Senior Thesis	1 to 4

In addition to the general requirements listed above, those who wish to specialize in Chinese history should take at least three dynastic histories and one seminar course in Chinese history. Majors in Western history should take at least three introductory courses and two seminar courses in Western history.

Correlated Subjects: From 20 to 24 credits chosen from historical courses offered in any department or any general course in social science. 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 history students if the study is continued long enough to prepare for the reading of historical works and documents. A reading knowledge of French, German, Japanese, or Russian is essential for those who intend to do graduate work in history. Since at least two years of preparatory study are necessary, students who wish to elect a second foreign language are urged to begin the study in their sophomore year, so that they may use the language for historical reading in the senior year.

I. CHINESE AND ASIATIC HISTORY

- History 101-102 (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 10:20 Section A; MWF 11:20 Section B; Each section is limited to 50 students.
 Messrs. Teng & C. H. Wang and Miss Chang
- History 205 History of the *Shang* and Western *Chou* Dynasties 2 credits
 A brief survey of the origins and developments of Chinese culture down to the end of the Western *Chou* period based upon reliable sources and archaeological discoveries. Elective: 2, 3, 4. Offered in alternate years. Not offered in 1940-1941. Mr. Ch'i
- History 206 (11-12) History of the *Ch'un-ch'iu* Period 2 credits
 A study of the political and social growth of the Chinese people during the period 722-481 B. C. 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 1940-1941. Mr. Ch'i
- History 207-208 (13-14) History of the *Chan Kuo* Period 2-2 credits
 A continuation of History 206 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 taking place during this period. The intellectual development of this period is also 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 209-210 (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 systems, which resulted from it. Prerequisite: History 101-102 (1-2). Elective: 2, 3, 4. Offered in alternate years. TTh 10:20. Mr. Teng
- History 211-212 (17-18) The *Wei*, *Tsin*, Southern and Northern Dynasties 2-2 credits
 This course treats the characteristic institutions of the period 220-589 A. D., the rise and fall of the "Five Barbarian Tribes", the rise and influence of "*Ch'ing T'an*", the spread of Buddhism and Taoism, and the rise of

social autocracy during this period. Prerequisite: History 101-102 (1-2). Elective: 2, 3, 4. Offered in alternate years. TTh 8:00. Mr. Teng

- History 213-214 (19-20) *Sui*, *T'ang*, and Five Dynasties 2-2 credits
 A brief survey of 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 101-102 (1-2). Elective: 2, 3, 4. Offered in alternate years. Not offered in 1940-1941. Mr. Teng
- History 215-216 (21-22) The *Sung* Dynasty 2-2 credits
 A general survey of the military unification of the Empire; its political and economic institutions, and its foreign relations with *Liao*, *Hsia*, *Chin*, and *Yuan*; the rise of the so-called "*Li-hsueh*" and its influence upon the subsequent history of China; literature and art of the period. Prerequisite: History 101-102 (1-2). Elective: 2, 3, 4. T 2:10-4:00. Mr. Nieh
- History 217-218 (21-22) The *Liao*, *Chin*, and *Yuan* Dynasties 2-2 credits
 A study of the races involved, the rise and fall of the several dynasties, the evolution of government and diplomacy, and their cultural characteristics. Special attention will be paid to the original sources and the works of modern scholars on the period. Prerequisite: History 101-102 (1-2). Elective: 2, 3, 4. TTh 9:20. Mr. W'eng
- History 219-220 (23-24) The *Ming* and *Ch'ing* Dynasties 2-2 credits
 A survey of the accessible source materials of Chinese history during the *Ming* and *Ch'ing* Dynasties. Studies in the comparison of political and economic institutions of the two dynasties; the rise of the literate class; the intellectual history of the period. Prerequisite: History 101-102 (1-2). Elective: 2, 3, 4. offered in alternate years. Not offered in 1940-1941. Mr. Teng
- History 221-222 The Political History of the *Ch'ing* Dynasty 2-2 credits
 A survey of the political and institutional development of the Chinese people during the *Ch'ing* Dynasty. This course is divided into three periods: (1) Early *Ch'ing* period (1636-1736), when political institutions were mainly an adaptation of the *Ming* system, (2) Middle *Ch'ing* period (1737-1861), when the process of adaptation was continued, although there began a movement towards originality, (3) Late *Ch'ing* period (1862-1911), a period

of political reforms. Special emphasis is laid on the economic and social forces behind the institutional changes and the efficacy of the laws in practice. Elective: 2, 3, 4. TTh 11:20. Mr. C. H. Wang

History 237-238 (73-74) Modern History of the Far East 3-3 credits

A general survey of the development of the political, commercial, and cultural relations among the nations of the Far East (China, Japan, India, Indo-China, and the South Seas) and between them and the west from the beginning of the sixteenth century to the first World War. Elective: 2, 3, 4. MWF 11:20. Mr. Wêng

History 239-240 (75-76) General History of Japan 2-2 credits

This course provides a comprehensive study of Japanese history, but lays special emphasis upon the period before and after the Meiji Reformation. It is divided into five parts: (a) Introduction: the natural and social environment, origins of the Japanese race; (b) Ancient History: from pre- and proto-history to the great reform of 645 A. D., the social and political conditions before and after the introduction of Sinic and Indic culture to Japan; (c) Medieval History: from the great reform to the close of the Heian era, the characteristics of the age of Court Nobles (Kuge); (d) Modern History of the period of Feudal Barons (1183-1867): from the Kamakura Dictators to the decline of the Tokugawa Shogunate; (e) Contemporary History: the period before and after the Meiji Reformation, the internal reforms and external expansion of Japan after adopting Western Culture. The first semester will be devoted to the first four parts, while the last part will be covered in the second semester. Elective: 2, 3, 4. T 2:10-4:00. Mr. Hsiao

SEMINAR COURSES IN CHINESE HISTORY

The purpose of this group of seminar courses is to help the student who has taken the introductory courses in Chinese history and who wishes to get a more detailed knowledge in certain fields through reading standard works and sources on those fields and writing of reports. Each year only a few of these courses are offered. Students who wish to take these courses must secure the permission of the Chairman of the Department and the instructors. Each course is limited to five students.

History 405-406 Topics in Ancient Chinese History 2-2 credits
Mr. Ch'i

History 409-410 Topics in History of the *Ch'in, Han, Wei, Tsin,* 2-2 credits
Southern, and Northern Dynasties

Not offered in 1940-1941. Mr. Teng

History 413-414 Topics in History of the *Sui, T'ang,* 2-2 credits
and Five Dynasties Mr. Chang

History 415-416 Topics in History of the *Sung* Dynasty 2-2 credits
Not offered in 1940-1941. Mr. Nieh

History 417-418 Topics in History of the Mongols 2-2 credits
Mr. Wêng

History 419-420 Topics in History of the *Ming* and *Ch'ing* Dynasties 2-2 credits
Mr. Teng

History 423-424 Topics in the History of Central Asia 2-2 credits
Not offered in 1940-1941. Mr. Wêng

History 439-440 Topics in Japanese History 2-2 credits
Mr. Hsiao

History 475-476 Topics in Chinese Historiography 2-2 credits
Not offered in 1940-1941. Messrs. Hung & Ch'i

II. WESTERN HISTORY

History 145 (91) The Historical Foundations of Western Civilization: 3 credits
Greece and Rome

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 146 (92) The Historical Foundations of Western Civilization: 3 credits
Middle Ages

A brief survey of the history of the West from the fall of Rome to the fall of Constantinople. Elective: 1, 2, 3. MWF 8:00. Miss Burt

History 249-250 (103) The Expansion of Europe, from the Renaissance to the 3-3 credits
French Revolution

The flowering of European civilization in the Renaissance period, and the spread of European influence to other continents, from the end of the 15th to the end of the 18th century. Elective: 2, 3, 4. MWF 9:20. Mr. de Vargas

History 251 (104) The Era of the French Revolution and Napoleon 1789-1814 3 credits

A study of the background and the leading events of the French Revolution, the rise and fall of Napoleon, and the consequences of the French Revolution on the Western World. The development of other European nations during this period will also be treated. Elective: 2, 3, 4. TThS 8:00. Miss Burtt

History 252 (105) History of the Early Nineteenth Century 1815-1870 3 credits

In this course special emphasis will be laid on the reactionary conditions under Metternich, the emergence of the fourth estate and the growth of revolutionary movement, and development of nationalism and internationalism. Elective: 2, 3, 4. TThS 8:00. Miss Burtt

History 253-254 (106) History of Modern Europe 1871-1918 3-3 credits

In the first semester, discussions will be centered upon the political, social, economic, and cultural development of modern Europe and its external expansion. In the second semester, the international aspects of European history during this period, the pre-war alliances and entente system and the major events and causes leading to the outbreak of the first World War will be studied. Elective: 2, 3, 4. MWF 10:20. Mr. I. H. Wang

History 153 & 154 (107, 108) Contemporary Western History Since 1918 3-3 credits

The aim of this course is to help the student to get 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 Western nations. Lectures are given in Chinese but reading materials are mostly in English. Elective: 1, 2, 3, 4. MWF 8:00 Sec. A; MWF 8:00 Sec. B; TThS 9:20 Sec. C; TThS 10:20 Sec. D. Each section is limited to 50 students. Messrs. Ch'i & I. H. Wang

History 255-256 (119-120) History of England 3-3 credits

An introduction to the social and political history of England. Elective: 2, 3, 4. MWF 2:10. Miss Burtt

History 257-258(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 is 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. Offered in alternate years. Not offered in 1940-1941. Mr. Ch'i

History 365-366 (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

SEMINAR COURSES IN WESTERN HISTORY

The purpose of this group of seminar courses is to help the student who has taken the introductory courses in Western history and who wishes to get a more detailed knowledge in certain fields through reading standard works and sources on those fields and writing of reports. Students who wish to specialize in Western history are especially urged to take some of these seminar courses. Each year only a few of these courses are offered. Students who wish to take these courses must secure the permission of the Chairman of the Department and the instructors. Each course is limited to five students.

History 445-446 Topics in Ancient European History 2-2 credits

Miss Burtt

History 447-448 Topics in Medieval European History 2-2 credits

Mr. de Vargas

History 449-450 Topics in European Oversea Expansion 2-2 credits

Not offered in 1940-1941. Mr. de Vargas

History 451-452 Topics in Modern European History 2-2 credits

Not offered in 1940-1941. Mr. I. H. Wang

History 453-454 Topics in Contemporary Western History 2-2 credits

Not offered in 1940-1941. Messrs. Ch'i & I. H. Wang

History 455-456 Topics in the History of England 2-2 credits

Miss Burtt

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

Professor and Chairman

Chang Tung-sun

Professor

Chu Pao-ch'ang, M. A.

Lecturer (part-time)

Chao Tze-Ch'en, M. A., B. D., Litt. D.

Professor in the School of Religion

Harold E. Shadick, B. A.

Professor of Western Languages

Wu Lei-ch'uan

Professor of Chinese

R. Brank Fulton, B. A., B. D.

Lecturer in the School of Religion

Special Requirement: Eight credits of Sophomore English, 12 credits of German or French.

The Major: From 50 to 68 credits in philosophy, distributed as follows:

Group I: Introduction (all required) *credits*

Philosophy 101 or 102 (1 or 2) [1] What Philosophy Is 3

Philosophy 103 or 104 (21 or 22) [1] How We Think 3

Group II: Histories (all required)

Philosophy 271-272 (71-72) [1] History of Chinese Philosophy 2-2

Philosophy 273-274 (73-74) [1] History of Western Philosophy 2-2

Philosophy 275-276 (75 or 76) [1] History of Indian Philosophy 2-2

Philosophy 277 [3] † Mediaeval Philosophy 2

Philosophy 285-286 (85-86) [2] Contemporary Philosophy 2-2

Group III: Schools (one to be chosen out of each pair)

{ Philosophy 221 (121, 122) [2] Plato 3

{ Philosophy 222 (126) [2] Aristotle 3

{ Philosophy 239 (139-140) [2] Locke, Berkeley, Hume 3

{ Philosophy 240 (132, 133-134) [2] Descartes, Spinoza, Leibniz 3

{ Philosophy 279 (102) [2] Philosophy of the *Ju* School 2

{ Philosophy 280 (101) [2] Philosophy of the *Tao* School 2

{ Philosophy 281 (107) [2] *Ch'eng-Chu's* Philosophy 3

{ Philosophy 282 (108) [2] *Lu-Wang's* Philosophy 3

*On leave of absence, 1940-1941.

†This course and Philosophy 278 form a pair, at least one of them has to be taken.

credits

{ Philosophy 343 (143-144) [2] Kant 3

{ Philosophy 344 (147) [2] Hegel 3

Group IV: Topics (one to be chosen out of each pair)

{ Philosophy 278 (161-162) [3] † Philosophy of Religion 3

{ Philosophy 329 (29) [2] Metaphysics 3

{ Philosophy 330 (30) [2] Epistemology 3

{ Philosophy 341 (57-58) [2] Ethics 3

{ Philosophy 342 (41-42) [2] Aesthetics 3

{ Philosophy 383 (183-184) [3] Western Social-Political Thought 3

{ Philosophy 384 [3] Philosophy of History 3

{ Philosophy 477 (78) [3] Comparative Philosophy 3

{ Philosophy 478 [3] Language and Thought 3

Group V:

Philosophy 497-498 (199-200) Senior Thesis 2 to 6

Notes: [1] Courses offered every year.

[2] " " " other year.

[3] " " " third year.

†One to be chosen out of the two.

Correlated Subjects: 21 to 24 credits required to be taken, one to be chosen from each group.

{ History 101-102 (1-2) General History of China 3-3

{ History 145 and History 146 (91-92) The Historical Foundations of Western Civilization 3-3

{ Psychology 101 or 102 (1 or 2) General Psychology 3

{ Biology 103 or 104 (3 or 4) Human Biology 3-3

{ Physics 111-112 (11 - 12) Practical Physics 3-3

{ Chemistry 103-104 (3-4) Chemistry and Its Application 3-3

{ Sociology 101-102 (1 or 2) Introduction to the Science of Society 3-3

{ Economics 101-102 (1 or 2) Elementary Economics 3-3

The Combined Major: By arrangement with the Departments of Chinese, Education, Psychology, 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.

Elective Courses: Besides the elective courses offered by the Department, the following courses will be considered as major electives:

		<i>credits</i>
Chinese 235 & 236 (55-56)	<i>Chou I</i>	2-2
Chinese 237	<i>Lun Yü and Meng Tzu</i>	3
Chinese 239-240 (176)	<i>Lao Tzu and Chuang Tzu</i>	2-2
Chinese 241	<i>Mo-Tzu</i>	2
Chinese 246	<i>Han Fei Tzu</i>	2
Chinese 345-346 (57-58)	<i>Hsin Tzu</i>	2-2
Education 344 (144)	Philosophy of Education	3

I. INTRODUCTIONS

- Philosophy 101 or 102 (1 or 2) What Philosophy Is *3 credits*
 In simple terms with concrete illustrations from practical experience students are introduced to the meaning and necessity of serious reflection on the major problems of human thought and life. They are encouraged to examine their own standards of truth and of value, to criticize the same and to seek to form a more comprehensive and intelligent philosophic outlook. Elective: 1, 2, 3, 4. MWF 9:20. offered every other year. Mr. Yen or Mr. Porter
- Philosophy 103 or 104 (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. 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, 3, 4.

Mr. Chang, Mr. Chu & Mr. Yen,

II. HISTORIES

- Philosophy 179 (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 help 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: Foreign students. Not offered in 1940-1941. Mr. Porter
- Philosophy 271-272 (71-72) History of Chinese Philosophy *2-2 credits*
 A survey of Chinese thinking from the *Chou* Dynasty to recent times with special reference to the Social and political background. Elective: 2, 3, 4. TTh 11:20. Messrs. Chang & Yen
- Philosophy 273-274 (73-74) History of Western Philosophy *2-2 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: 2, 3, 4. MW 11:20. Mr. Yen & Mr. Chang
- Philosophy 275-276 (75-76) History of Indian Philosophy *2-2 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. MW 11:20. Mr. Chu or Mr. Porter
- Philosophy 277 Mediaeval Philosophy *2 credits*
 Selections from the works of St. Augustine, Thomas Aquinas, Duns Scotus, and others will be intensively read and discussed. Elective: 2, 3, 4. Not offered in 1940-1941.

Philosophy 285-286 (85-86) Contemporary Philosophy 2-2 credits
 Readings 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 101 (1) or Philosophy 273-274 (73-74). Elective: 2, 3, 4. TTh 8:00. Mr. Chu or Mr. Chang

Philosophy 449 (149-150) History of Materialism 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. 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 273-274 (73-74). Elective: 4, 5. Mr. Chang
 Not offered in 1940-1941.

Philosophy 477 (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: 4, 5. Mr. Porter
 Not offered in 1940-1941.

III. SCHOOLS

Philosophy 221 (121, 122) Plato 3 credits
 Selections from Plato's dialogues will be intensively read. Prerequisite: Philosophy 273 (73). Elective: 2, 3, 4, 5. Mr. Yen
 Not offered in 1940-1941.

Philosophy 222 (126) Aristotle 3 credits
 The problems of the 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 273 (73). Elective: 2, 3, 4, 5. Mr. Yen
 Not offered in 1940-1941.

Philosophy 239 (139-140) Locke, Berkeley, Hume 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. Prerequisite: Philosophy 273-274 (73-74). TThS 9:20. Mr. Chang or Mr. Yen

Philosophy 240 (132, 133-134) Descartes, Spinoza, Leibniz 3 credits
 The chief works of Descartes, Spinoza, and Leibniz will be carefully read and discussed. Prerequisite: Philosophy 273-274 (73-74). Elective: 2, 3, 4. Mr. Yen or Mr. Chang

Philosophy 279 (102) Philosophy of the Ju School 2 credits
 Selections from *The Analects*, *Mencius*, *Hsün Tzu* will be carefully read and discussed. Elective: 2, 3, 4. Mr. Chang
 Not offered in 1940-1941.

Philosophy 280 (101) Philosophy of the Tao School 2 credits
 Selections from *Tao-Tê-Ching* and *Chuang Tzu* are intensively read and discussed. Elective: 2, 3, 4. Mr. Chang
 Not offered in 1940-1941.

Philosophy 281 (107) Ch'eng-Chu's Philosophy 3 credits
 Intensive reading of the selections from the works of Ch'eng and Chu. Elective: 2, 3, 4, 5. MWF 10:20. Mr. Yen

Philosophy 282 (108) Lu-Wang's Philosophy 3 credits
 Intensive reading of the selections from the works of Lu and Wang. Elective: 2, 3, 4, 5. Mr. Yen

Philosophy 343 (143-144) Kant 3 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 273-274 (73-74). Elective: 3, 4, 5. Mr. Chang
 Not offered in 1940-1941.

Philosophy 344 (147) Hegel 3 credits
 Selected readings from Hegel will be made the basis for discussion of the metaphysical and epistemological problems of Idealism. Prerequisite: Philosophy 273-274 (73-74). Elective: 3, 4, 5. Mr. Chang
 Not offered in 1940-1941.

IV. TOPICS

- Philosophy 278 (161-162) Philosophy of Religion 3 credits
 A study of religion in general with reference to its three fundamental problems, namely those of knowledge, freedom, and permanence of value.
 Elective: 2, 3, 4, 5.
 Not offered in 1940-1941. Mr. Porter or Mr. Chao
- Philosophy 283-284 The Place of Christianity in Human Culture 3-3 credits
 The purpose of this course is to acquaint the student with Christianity as an essential force in human culture by tracing its origin and development, and examining the distinctive features of Christian thought and life in order to evaluate their influence and significance for human life. Elective: 2, 3, 4.
 MWF 3:10. Mr. Chao
- Philosophy 288 (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 103 or 104 (21 or 22). Elective: 2, 3, 4.
 Not offered in 1940-1941. Mr. Porter
- Philosophy 329 (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.
 Elective: 3, 4, 5.
 Not offered in 1940-1941. Mr. Chang
- Philosophy 330 (30) Epistemology 3 credits
 A thorough study of the fundamental problems of theory of knowledge. Books of reference: Montague: *The Ways of Knowing*, Lewis: *Mind and the World Order*. Elective: 3, 4, 5.
 Not offered in 1940-1941. Mr. Chang
- Philosophy 341 (41-42) Ethics 3 credits
 A thorough study of the important concepts in ethics such as good and evil, right and wrong, virtue, justice, and 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 1940-1941. Mr. Chang or Mr. Yen

- Philosophy 342 (57-58) Aesthetics 3 credits
 A study of the theories of aesthetics. Prerequisite: Philosophy 101 (1).
 Elective: 3, 4.
 Not offered in 1940-1941. Mr. Shadick
- Philosophy 349-350 (49-50) Christian Ethics 2-2 credits
 A study of Christian ethics in comparison with other ethical theories in order to discover the distinctive characteristics of the Christian type and to evaluate the significance and influence it has exercised. Prerequisite: Philosophy 341 (41-42). Elective: 3, 4. MW 2:10.
Mr. Fulton or Mr. Porter
- Philosophy 369-370 (169-170) Christian Thought and Chinese Philosophy 2-2 credits
 Elective: 3, 4, 5.
 Not offered in 1940-1941. Mr. Wu
- Philosophy 383 (183-184) Western Social and Political Thinking 3 credits
 Plato's *Republic*, Aristotle's *Politics*, selections from the writings of Roman jurists, and Macchiavelli's *Prince*, are carefully read and discussed. Also 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. TThS 10:20.
Mr. Porter or Mr. Chang
- Philosophy 384 Philosophy of History 3 credits
 An exposition of the viewpoints toward history of all schools, with Comte, Hegel, and Marx being especially emphasized. The theories of Croce, Richert, and some others will also be discussed. Elective: 3, 4, 5.
Mr. Chang
- Philosophy 478 Language and Thought 3 credits
 A study of the various problems concerning the relationship between language and thought, such as how language communicates thought and so on. *Language and Thought* by W. M. Urban is to be used as reference.
 Elective: 4, 5.
 Not offered in 1940-1941. Mr. Chang
- Philosophy 497-498 (199-200) Senior Thesis 2-6 credits
Staff
- Philosophy 597-598 (299-300) Graduate Thesis Staff

Courses to be offered, 1940-1941

Philosophy 101 or 102; 103 or 104; 239; 240; 271-272; 273-274; 275-276; 281; 282; 283-284; 285-286; 383; 384.

Courses to be offered, 1941-1942

Philosophy 101 or 102; 103 or 104; 221; 222; 271-272; 273-274; 275-276; 277; 278; 329; 330; 341; 342; 343; 344.

Courses to be offered, 1942-1943

Philosophy 101 or 102; 103 or 104; 239; 240; 271-272; 273-274; 275-276; 279; 280; 281; 282; 285-286; 477; 478.

Courses to be offered, 1943-1944

Philosophy 101 or 102; 103 or 104; 221; 222; 271-272; 273-274; 275-276; 329; 330; 341; 342; 343; 344; 383; 384.

Courses to be offered, 1944-1945

Philosophy 101 or 102; 103 or 104; 239; 240; 271-272; 273-274; 275-276; 277; 278; 279; 280; 281; 282; 285-286.

PSYCHOLOGY

Randolph C. Sailer, Ph. D.
Luh Chih-wei, Ph. D.
Lin Chia-t'ung, Ph. D.
Shen Nai-chang, B. S.
Miss Wu T'ien-min, M. S.

Professor and Chairman
Professor
Lecturer
Lecturer
Instructor

Y. C. Tsang, Ph. D.

Honorary Adviser to Graduate Students

Miss Sun Tseng-min, M. S.

Instructor of Home Economics

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 101 or 102 (1 or 2)	General Psychology	3
Psychology 205 (5)	Advanced Psychology I	4
Psychology 206(6)	Advanced Psychology II	4
Psychology 217-218* (117-118)	Elements of Statistics	3-3
Psychology 305-306 (105-106)	Systematic Psychology	2-2
Psychology 497-498 (199-200)	Senior Thesis	4 to 6

The senior thesis, amounting to not less than 4 credits of work, must be written on an experimental topic.

Education 116 (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 101 or 102 (1 or 2) General Psychology 3 credits

This course deals with the fundamentals of human nature and behavior, the processes of adjustment and socialization. Elective: 1, 2, 3. MWF 8:00 Section A; TTh S 8:00 Section B.

Messrs. Luh & Shen

Psychology 205 (5) Advanced Psychology I 4 credits

This course immediately follows Psychology 101 (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 lecture, one period laboratory. Prerequisite: Psychology 101 or 102 (1 or 2). Elective: 2, 3, 4. Lecture: MWF 11:20; Laboratory: F 1:10-4:00.

Messrs. Luh & Shen

Psychology 206 (6) Advanced Psychology II 4 credits

A continuation of Psychology 205 (5). Original behavior, learning, and

memory will be studied. Three hours lecture, one period laboratory. Prerequisite: Psychology 101 or 102 (1 or 2) Lecture: MWF 11:20; Laboratory: F 1:10-4:00. Messrs. Luh & Shen

Psychology 209 or 110 (9 or 10) Mental Hygiene 3 credits
A study of common personal problems and difficulties viewed as maladjustment in the development of personality. Elective: 1st semester 2, 3, 4; 2nd semester 1, 2, 3. TThS 8:00. Mr. Sailer

Psychology 217-218* (117-118) Elements of Statistics 3-3 credits
This course deals with the elementary principles and methods of statistics, and their application to mental tests and measurements. Prerequisite: Psychology 101 or 102 (1 or 2). Elective: 2, 3, 4. Lecture and laboratory: TTh 10:20, S10:20, 11:20. Mr. Lin

Psychology 241-242* (141-142) Social Psychology 3-3 credits
The individual as he functions in society. Motivations as organized in social institutions. Prerequisite: Psychology 101 or 102 (1 or 2) Elective: 2, 3, 4. TTh 11:20 and group conference to be arranged. Mr. Sailer

Psychology 251 (151) Psychology of Childhood 3 credits
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 101 or 102 (1 or 2). Elective: 2, 3, 4. MWF 3:10. Miss Sun

Psychology 252 (152) Readings in Child Psychology 2 credits
Readings and conferences in child psychology. Prerequisite: Psychology 251 (151). Elective: 2, 3, 4. Time to be arranged. Miss Sun

Psychology 301 or 302 (101 or 102) Seminar Credits to be arranged
Prerequisite: Psychology 205 and 206 (5 and 6) or special permission of the instructor. Elective: 3, 4, 5. Time to be arranged. Mr. Shen

Psychology 305-306 (105-106) Systematic Psychology 2-2 credits
A systematic study of the theoretical basis of some representative schools, since the 19th century. Prerequisite: 10 credits of Psychology or the permission of the instructor. Elective: 3, 4, 5. TTh 9:20. Mr. Luh

Psychology 332 (132) Abnormal Psychology 3 credits
The abnormal in relation to the normal, the insanities, feeble-mindedness. Prerequisite: Psychology 101 or 102 (1 or 2). Elective: 3, 4. TTh 9:20 and visitation in city. Not offered in 1940-1941.

Psychology 361 or 362 (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 101 or 102 (1 or 2). Not offered in 1940-1941.

Psychology 391 or 392 (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 497-498 (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. Staff

Psychology 597-598 (299-300) Graduate Thesis Staff

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
Hsüeh Hung-k'uei, B. A.	Assistant
Li Feng-ke, B. A.	Assistant
Miss Liu Ch'ing-yen, B. A.	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.

GENERAL COURSES IN EDUCATION

Special Requirements: Eight credits of Sophomore English are required of all students except those majoring in rural education.

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.

		<i>credits</i>
Education 101 or 102 (3 or 4)	Survey Course in Education	3
Education 116 (16)	Educational Psychology	3
Education 325 (125)	Secondary Education	3
Education 336 (126)	Methods of Teaching	3
Education 393 or 394 (173 or 174)	Practice Teaching	2
Education 497-498 (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:

		<i>credits</i>
Chinese 329 (50)	Methods of Teaching Chinese in Middle Schools	3
English 325 or 326 (161 or 162)	Methods of Teaching English	3
Home Economics 442 (102)	Methods of Teaching Home Economics	3
Mathematics 413-414 (113-114)	Methods of Teaching Mathematics	2-2
Music 303-304 (101-102)	Teaching Methods and Practice Teaching of Piano	2-2
Physical Education 434	Methods and Materials of Physical Education	3

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		
<i>First Year</i>		<i>Credits</i>
Chinese 101-102 (1-2)	Freshman Chinese	3-3
English 101-102 (1-2)	Freshman English	4-4
Psychology 101 or 102 (1 or 2)	General Psychology	3
Biology 103-104 (3-4)	Human Biology	3-3

Education 101 or 102 (3 or 4)	Survey Course in Education	3
Education 116 (16)	Educational Psychology	3
*Sociology 101-102 (1 or 2)	An Introduction to the Science of Society	3-3
Physical Education		1-1

Second Year

Chinese 211 or 212 (17 or 18)	Correspondence	2
Education 133 (133)	Introduction to Rural Education	3
Education 203 (103)	Educational Administration in China	3
Education 230 (130)	Elementary Education	3
Education 240 (140)	Problems of Educational Sociology in China	3
Education 256 (146)	Educational Tests and Measurements	3
Physical Education		1-1

Third Year

Chinese 301 or 302 (31 or 32)	Documentary Composition	2
Education 318 (118)	Mass Education	3
Education 325 (125)	Secondary Education	3
Education 336 (126)	Methods of Teaching	3
Education 343 (143)	Educational Theories and Social Problems	3
Education 355 (155)	Normal Education	3
Education 360 (160)	Local Educational Administration and Finance	3
Education 375	Seminar in China's Frontier Education	3
Physical Education		1-1

* In case a student fails to elect Sociology 101-102, he will be considered as to have fulfilled this requirement, if he elects six credits from any of the following courses:

Political Science 205 (25)	Chinese Government	3
Political Science 305-306 (35-36)	Local Government of China	3-3
Economics 231 (151)	Principles and History of Cooperation	3
Economics 233 (141)	Introduction to Rural Economics	3
Economics 332 (152)	Rural Cooperation	3

Fourth Year

Education 384 (164)	Problems in Rural Education	3
Education 469 or 470 (169 or 170)	Practicum in Rural Education	4
Education 497-498 (199-200)	Senior Thesis	2 to 4
Education R405 or R406 (R5)	Field Work	16

B. Graduates

The graduate course runs for two years. The first three semesters are 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:

Education 375	Seminar in China's Frontier Education	3
Education 384 (164)	Problems in Rural Education	3
Education 469 or 470 (169 or 107)	Practicum in Rural Education	4
Education 501 (201)	Duties and Problems of the Middle School Principal	3
Education 514 (204)	New Theories of the Curriculum	3
Education 535-536 (205-206)	Educational Experimentation	3-3
Education 597-598 (299-300)	Graduate Thesis	
Education R533 or R534 (R14)	Field Work	16

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 school 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 N 201 (N 1) to N410 (N 10) and also:

Education 230 (130)	Elementary Education	3
Education 256 (146)	Educational Tests and Measurements	3
Education 343 (143)	Educational Theories and Social Problems	3
Psychology 251 (151)	Psychology of Childhood	3

Required Courses for the Two-year Course: credits

Chinese 101-102 (1-2)	Freshman Chinese	3-3
English 101-102 (1-2)	Freshman English	4-4
Psychology 101 or 102 (1 or 2)	General Psychology	3
Psychology 251 (151)	Psychology of Childhood	3
Education 101 or 102 (3 or 4)	Survey Course in Education	3
Education 116 (16)	Educational Psychology	3
Education 230 (130)	Elementary Education	3
Physical Education		4

and the courses in Kindergarten and Primary Education, numbered N 201 (N1) to N410 (N10).

GENERAL COURSES

Education 101 or 102 (3 or 4) Survey Course in Education 3 credits

This survey course is planned as an introduction to the study of education. Classroom work includes brief and general introductions to the several subjects into which studies in education are usually divided, such as: History of Education, Educational Psychology, Methods of Teaching, etc. Besides classroom work each student is expected to make a careful study and review of one book on education, chosen from a list supplied by the instructor. Elective: 1, 2, 3, 4. TThS 8:00 Section A; MWF 9:20 Section B.

Mr. Galt

Education 116 (16) Educational Psychology 3 credits

A study of psychological principles applied to educational problems. Prerequisite: Psychology 101 or 102 (1 or 2). Elective: 1, 2, 3, 4. TThS 10:20.

Mr. Luh

Education 133 (133) 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 student with the fundamental ideas and methods in rural reconstruction through education. Elective: 1, 2, 3, 4. TThS 9:20. Mr. Liao

Education 203 (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 230 (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 240 (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. Elective: 2, 3, 4. MWF 1:10. Mr. Galt

Education 249-250 (149-150) Comparative Education 3-3 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: 2, 3, 4. MWF 10:20. Mr. Ouyang

Education 256 (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 318 (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-p'ing, Wusih. Elective: 3, 4, 5. MWF 9:20. Mr. Liao

Education 325 (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 background 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 336 (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 343 (143) Educational Theories and Social Problems 3 credits

This course involves an interpretation and application of education from philosophical and sociological points of view. In connection with the consideration of fundamental theories of education, members of the class will be invited to cooperate in selecting important social problems for analysis and discussion. The material will be adapted to the capacities and interests of members of the class as far as possible. Elective: 3, 4, 5. MWF 1:10. Mr. Galt

Education 347 (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 355 (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 360 (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. Prerequisite: Education 203. Elective: 3, 4, 5. MWF 8:00. Mr. Liao

Education 375 Seminar in China's Frontier Education 3 credits

This course aims to acquaint students with the present educational conditions and problems in the Southwest and the Northwest including Yunnan, Kweichow, Chinghai, Tibet, Kansu, Shensi, Sinkiang, and Inner Mongolia. Emphasis is placed on the social, economic and political forces influencing education in these regions. After a general and brief treatment of the data of the respective fields, members of the class will be asked to make individual studies of special problems to be selected according to individual interests. Elective: 3, 4, 5. Th 10:20, 11:20; S 10:20. Mr. Liao

Education 384 (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. Prerequisite: Education 133. Elective: 3, 4, 5. TTThS 9:20. Mr. Liao

Education 393 or 394 (173 or 174) Practice Teaching 2 credits

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 336 (126). Time to be arranged. Mr. Ouyang

Education 469 or 470 (169 or 170) Practicum in Rural Education 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 & Staff

Education 497-498 (199-200) Senior Thesis 2 to 4 credits

Staff

Education 501 (201) Duties and Problems of the Middle School Principal 3 credits

This course will endeavor to analyse 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: 5. If juniors and seniors wish to elect this course, permission will have to be secured from the Chairman of the Department. MWF 10:20. Mr. Galt

Education 514 (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: 5. If juniors and seniors wish to elect this course, permission will have to be secured from the Chairman of the Department. MWF 10:20. Mr. Galt

Education 535-536 (205-206) Educational Experimentation 3-3 credits

This course aims to present methods of educational experimentation and computation of its result. Such problems as the evaluation of methods of teaching, selection of materials for curriculum construction and the determination of the values of the aims of education are all within the province of educational experimentation. During the second semester various experimental samples will be studied and an experiment will be conducted by the class in one or all of the attached schools of the Department. Elective: 5. If juniors and seniors wish to elect this course, permission will have to be secured from the Chairman of the Department. TTh 8:00 Mr. Chou

Education 597-598 (299-300) Graduate Thesis Staff

Education R405 or R406 (R5) Field Work 16 credits
Required: seniors in rural education. Mr. Liao & Staff

Education R533 or R534 (R14) Field Work 16 credits
Required: second year graduates in rural education. Mr. Liao & Staff

SPECIAL NORMAL COURSES IN KINDERGARTEN AND PRIMARY EDUCATION

Education N201 (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 8:00. Miss Tseng

Education N202 (N2) Methods of Teaching and Supervising 3 credits
Nursery Schools, Kindergarten and Primary Grades

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 N203 (N3) 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 storytelling and reading is included. Elective: 2, 3, 4. TTh 8:00. Miss Tseng

Education N204 (N4) 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 2:10. Miss Tseng

Education N205 (N5) 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 N206 (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 3:10. Miss Tseng

Education N307 (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 N308 (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, 9:20. Miss Tseng

Education N409 (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 N410 (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

Bliss Wiant, M. A.	<i>Professor and Chairman</i>
Miss Ruth L. Stahl, Mus. B.	<i>Professor</i>
Mrs. Louise Loehr Saetti, B. A.	<i>Lecturer (part-time)</i>
Mrs. Ernest K. Smith, B. A.	<i>Lecturer (part-time)</i>
Hsü Yung-san, Mus. M.	<i>Instructor</i>
*Miss Gladys Wolpert, B. A.	<i>Instructor</i>

Mrs. Bliss Wiant, B. A. *Honorary Lecturer*

The aim of the Department of Music is to equip students, both as individuals and in groups, for self-expression through music; to train students to become leaders in this type of self-expression; to discover elements of beauty in the music of China and to develop it by European technical methods; to develop an appreciation of the finest expressions in music among all members of the community.

In view of the demand for teachers of music, students interested in training for normal work are advised to qualify for the Form B Diploma Course offered by the Department of Education (See p. 69).

Piano and voice lessons are provided with credit for qualified persons under certain prerequisite conditions. Instruction is also provided for those students not desiring nor qualified for credit; in such cases consultation with the Department chairman is necessary before registering. As to fees and expenses, students are referred to the *Guidebook for Students* for full information.

*Left in the middle of the first semester, 1940-1941.

There are three types of major work offered in the department:

1. Piano
2. Theory
3. Voice

The Major: General requirements for all majors are as follows: credits

Music 101 & 102 (1-2)	Piano	2-2
Music 111-112 (11-12)	Ear Training	3-3
Music 121-122 (21-22)	First Year Harmony	3-3
Music 151-152 (51-52)	History and Appreciation of Music	3-3
Music 223-224 (23-24)	Second Year Harmony	3-3
Music 355-356 (55-56)	Comparative Music	2-2
Music 497-498 (199-200)	Thesis: Graduation Recital	2 (or more)

Additional requirements for majors in Piano are as follows:

Music 201 (3), 202 (4), 301 (5), 302 (6)	Piano	8
Music 303-304 (101-102)	Teaching Methods and Practice Teaching	2-2

Additional requirements for majors in Theory are as follows:

Music 325-326 (25-26)	Counterpoint	3-3
Music 329-330 (29-30)	Analysis and Form	2-2
Music 433-434 (33-34)	Composition	2-2

Additional requirements for majors in Voice are as follows:

Music 107 (7), 108 (8), 209 (9), 210 (10)	Voice Culture	8
Music 305-306 (103-104)	Theory and Practice of Conducting and Voice Training	2-2

The Combined Major: Qualified students may take a combined major in the Departments of Education and Music. The fundamental courses in both departments should be elected; thereafter, the remainder of the course of study will be arranged after consultation with the chairmen of both Departments.

Special Requirements: A second year of both Chinese and English.

Correlated Subjects: Students are required to take from 16 to 24 credits in another department of the University, preferably in one of the following Departments: Chinese, Western Languages, History, Education, Philosophy,

Psychology, Home Economics, Journalism.

Music 101 & 102 (1-2) First Year 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 and quality, may be admitted to the piano courses with credit provided the course be preceded or accompanied by First Year Harmony, Music 121-122 (21-22). In all cases permission must first be secured from the Department Chairman. Elective: 1, 2, 3, 4.
Miss Stahl & Mrs. Saetti

Music 107 & 108 (7-8) First Year Voice 2-2 credits

Students who wish to obtain credit for voice lessons must have formed correct habits of breathing, posture, tone production and enunciation and must be able to read at sight simple songs of folk-song grade, sing satisfactorily selections from old Italian masters or simpler songs of Schubert or Schumann. Included in the studies for this first year are vocalises, arias and recitatives from Bach and Händel and the classic composers, German Lieder, songs from Europe in the native tongues, Chinese songs in the national language, oratorio, simple opera arias. This course must be preceded or accompanied by First Year Harmony, Music 121-122 (21-22). In all cases permission must first be secured from the Department Chairman. Elective: 1, 2, 3, 4.
Mrs. Smith or Mrs. Wiant

Music 111-112 (11-12) Ear Training 3-3 credits

The course includes melodic and harmonic dictation and sight singing. Elective: 1, 2, 3, 4. TThS 8:00.
Miss Stahl

Music 121-122 (21-22) First Year Harmony 3-3 credits

Study of scales, intervals, chords; harmonization of both melodies and figured basses; keyboard harmony. Elective: 1, 2, 3, 4. MWF 10:20.
Mr. Hsü

Music 131 & 132 (131, 132) Chorus 1-1 credits

Students may be admitted to the Chorus *with credit* only after consultation with the instructor. The examination includes knowledge of works studied during the semester. It may be taken individually or in single quartet formations. The Chorus produces annually two oratorios—at Christmas Händel's "Messiah" and in the spring a variety of choral master pieces. Th 6:45 P. M.
Mr. Wiant

Music 151-152 (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 201 & 202 (3-4) Second Year Piano 2-2 credits

Prerequisite: Music 101 & 102 (1-2). Miss Stahl & Mrs. Saetti

Music 209 & 210 (9-10) Second Year Voice 2-2 credits

Prerequisite: Music 107 & 108 (7-8). Mrs. Smith & Mrs. Wiant

Music 223-224 (23-24) Second Year Harmony 3-3 credits

A continuation of the work in First Year Harmony with emphasis on original work. Prerequisite: Music 121-122 (21-22). Elective: 1, 2, 3, 4. MWF 11:20.
Miss Stahl

Music 301 & 302 (5-6) Third Year Piano 2-2 credits

Prerequisite: Music 201 & 202 (3-4). Miss Stahl

Music 303-304 (101-102) Teaching Methods and Practice 2-2 credits
Teaching of Piano

Coaching of students engaged in practice teaching in the *Fu-shu* School (Practice School of the Department of Education) is a part of the function of this course. Prerequisite: Music 101 (1), 102 (2), 210 (10), 202 (4), 223-224 (23-24).
Miss Stahl

Music 305-306 (103-104) Theory and Practice of Conducting 2-2 credits
and Voice Training

Training for choral and orchestral conducting with volunteer groups will be given once a week. Prerequisite: Music 107 (7), 108 (8), 111-112 (11-12), 121-122 (21-22). T 7:00-9:00 p. m.
Mr. Wiant

Music 325-326 (25-26) Counterpoint 3-3 credits

Elementary counterpoint in both free and strict style; particular emphasis upon the development of Chinese melodies through this technique will be employed. Prerequisite: Music 121-122 (21-22). MWF 8:00. Mr. Wiant

Music 327-328 (27 or 28) Orchestration 2-2 credits

A study of the character and technique of orchestral instruments and of adapting of music for their use in ensemble. Prerequisite: Music 325-326 (25-26). TTh 11:20.
Mr. Hsü

Music 329-330 (29-30) Analysis and Form 2-2 credits

This course includes both harmonic analysis and a study of music forms. Prerequisite: Music 223-224 (23-24). WF 11:20.
Mr. Hsü

Music 355-356 (55-56) Comparative Music 2-2 credits

The scope of this course is to compare Chinese music and its theory with that of the West. Attempts will be made to reveal the present status of Chinese music and the course it may pursue hereafter. Students electing this course should have a good background of Western music. Prerequisite: 151-152 (51-52). TTh 8:00. Mr Hsü

Music 433-434 (33-34) Composition 2-2 credits

Practical composition in the simple forms including experiments in the arrangement of Chinese melodies. Prerequisite: Music 325-326 (25-26). Mr. Hsü

Music 497-498 (199-200) Thesis: Graduation Recital 1-1 (or more) credits

Piano and voice majors present a program of at least an hour of solo work in which it is desirable to include some original work concerned with the development of Chinese music; theory majors present an entire program of original compositions in any style but preferably in the field of Chinese musical development.

ACTIVITIES IN CONNECTION WITH DEPARTMENTAL CURRICULUM

The Department of Music sponsors, and in some cases directs the activities of certain individual and group musical life such as: The Chapel Choir, The Orchestra, The Chinese Dramatic Club, The Harmonica Club and various informal singing groups among students.

Public recitals of students studying in the department are held monthly. Only those who are under regular training perform at these recitals. Accompanying the vocalists are often fellow-students who are assisted in the art of accompanying.

JOURNALISM

Liu Hoh-hsüan, B. A.
Jao Yin-chih, B. J., M. A.
Rudolph Löwenthal, Ph. D.
Chang Ching-ming, B. A.

Lecturer and Chairman
Lecturer
Lecturer (part-time)
Assistant

Pai Hsü-chih, B. A.

Instructor in Chinese

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 Chinese newspaper immediately upon graduation and enable them to advance in their chosen career.

The Major: At least 36 credits in journalism including the following courses: credits

Journalism 101-102 (1-2)	The Press and Current Affairs	3-3
Journalism 201-202 (101-102)	News Reporting and Writing	3-3
Journalism 301-302 (113-114)	News Editing	3-3
Journalism 303-304 (119-120)	Journalistic Translation	3-3
Journalism 307-308 (123-124)	History of Journalism	2-2
Journalism 397-398 (125-126)	English News Writing and Editing	3-3
Journalism 401-402 (108)	Editorial Writing	2-2
Journalism 403-404 (109-110)	Newspaper Management	3-3
Journalism 497-498 (199-200)	Senior Thesis	2-2

Special Requirements: 16 credits in Chinese and English including Freshman Chinese and Freshman English. With the special permission of the Chairman of the Department students whose Chinese or English is exceptionally good may take less such credits. 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 101-102 (1), The Press and Current Affairs, in the freshman year.

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 101-102 (1) The Press and Current Affairs 3-3 credits
This course 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, and the development and present status of Chinese journalism. In addition to these topics, the question of how to read the modern daily newspaper will be discussed in detail so that the student may be enabled to have a clear picture of current affairs as recorded in the daily press. Required: freshman students desiring to major in Journalism. Elective: 1, 2, 3, 4. MWF 9:20. Mr. Liu

Journalism 201-202 (101-102) News Reporting and Writing 3-3 credits

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 lecture and one hour laboratory practice per week. Required: sophomore students in Journalism. Prerequisite: Journalism 101-102(1). Elective: 2, 3, 4. MWF 10:20. Mr. Jao

Journalism 301-302 (113-114) News Editing 3-3 credits

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 the news policy. Two hours of lecture and four hours of laboratory per week. Required: junior students in Journalism. Prerequisite: Journalism 101-102 (1), 201-202 (101-102). Elective: 3, 4. Lecture: TTh 11:20; Laboratory: WThF 7:30 m. p. Mr. Liu

Journalism 303-304 (119-120) Journalistic Translation 3-3 credits

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: junior students in Journalism. Prerequisite: Journalism 101-102. (1). Elective: 3, 4. T 4:10 W2:10. Messrs. Jao & Pai

Journalism 307-308 (123-124) History of Journalism 2-2 credits

This course deals with the history of the development of the press in

different countries, the history of some of the best known modern newspapers, and biographies of successful newspapermen. Required: junior students in Journalism. Prerequisite: Journalism 101-102 (1) and 201-202 (101-102). Elective: 3, 4. M 4:10, Th 2:10. Mr. Löwenthal

Journalism 397-398 (125-126) English News Writing and Editing 3-3 credits

This course is intended as a continuation of Journalism 301-302 (113-114) for students who are interested in English newspaper work. Lectures and practice work in English news writing and editing. Prerequisite: 101-102 (1), 201-202 (101-102). Elective: 3, 4. Lecture: TTh 10:20; Laboratory; Th 4:10. Mr. Jao

Journalism 401-402 (108) Editorial Writing 2-2 credits

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 analysis of the works of the leading editors both in Chinese and in English. Required: senior students in Journalism. Prerequisite: Journalism 101-102 (1), 201-202 (101-102), and 301-302 (113-114). Elective: 4. TTh 9:20. Messrs. Liu & Pai

Journalism 403-404 (109-110) Newspaper Management 3-3 credits

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 personnel, finance, and printing departments, advertising and circulation, newspaper policy, and the experiences of successful newspaper publishers. Required: senior students in Journalism. Prerequisite: Journalism 101-102 (1), 201-202 (101-102), and 301-302 (113-114). Elective: 4. MWF 11:20. Mr. Jao

Journalism 497-498 (199-200) Senior Thesis 2-2 credits

Staff

PHYSICAL EDUCATION

K. A. Wee, Ph. D.	<i>Assistant Professor and Chairman</i>
Lin Ch'i-wu, M. A.	<i>Lecturer (Supervisor of the Men's Division)</i>
Miss Lu Hui-ch'ing, M. S.	<i>Instructor (Supervisor of the Women's Division)</i>
Robert Y. Chao, B. S.	<i>Assistant Professor</i>
Mrs. Ruth Huie Chou	<i>Instructor</i>
Miss Gertrude Jacobs, M. A.	<i>Instructor</i>
Kuan Yü-shan, M. A.	<i>Instructor</i>
Ts'ui Yü-pin, B. A.	<i>Instructor</i>
Liao Fu, B. A.	<i>Assistant</i>
Miss Sun Yi-fang, B. A.	<i>Assistant</i>
Wu Jun-fang, B. A.	<i>Assistant</i>
Yen Hua-t'ang, B. A.	<i>Assistant</i>
Mrs. Dorothea Hanwell, B. A.	<i>Assistant (part-time)</i>
Li Chien-hua	<i>Assistant (part-time)</i>
Miss Han Te-ch'ang B. A.	<i>Pianist (part-time)</i>

Kuo Shao-yü *Professor of Chinese*

A general program is provided for the physical development of students, for developing a sense of rhythm and coordination in physical activities, for encouraging participation in sports which give opportunities for development of social traits, and for teaching skills in interesting games which will have carry-over values. A major curriculum is also offered for training of teachers and supervisors of physical education.

Required Physical Education: six credits are necessary for graduation; medical and physical examination are compulsory before registration in the required work; and uniforms as prescribed by the Department must be used. All students are required to take one semester each of gymnastics, team sports, and individual sports. Rhythm is required for women students and elective for men.

*Left in the middle of the first semester, 1940-1941.

REQUIRED PHYSICAL EDUCATION FOR MEN

Course No.	Title	Credit	Remarks	Time
Physical Education 101-102(11-12)	Freshman sophomore	1-1	For freshmen, sophomore and	MW 8:00 Badminton Tennis*
201-202(21-22)	and junior		junior normal	TTh 8:00 Gymnastics
301-302(31-32)	required courses		group	MW 8:00 Track and Field

Time (continued)

MW 9:20	Touch Football	MW 11:20	Gymnastics
TTh 9:20	Western Boxing	WF 11:20	Soccer and Speedball
TTh 9:20	Softball	MW 2:10	Basketball and Volleyball
TTh 9:20	Basketball and Volleyball	TTh 2:10	Basketball and Volleyball
WF 9:20	Rhythm	WF 2:10	Track and Field
MW 10:20	Touch Football	MW 3:10	Gymnastics
TTh 10:20	Gymnastics	TTh 3:10	Chinese Boxing
TTh 10:20	Softball	WF 3:10	Soccer and Speedball
WF 10:20	Basketball and Volleyball		

Physical Education 101 W-102 W (11 W-12 W)	Postural Calisthenics and Rope Exercises	1-1	For freshmen weak group	TTh 11:20
Physical Education 101 C-102 C	Corrective Exercises for Individual Cases	1-1	For freshmen corrective group	TTh 11:20
Physical Education 101 R-102 R	Croquet Golf Basketball Shooting and Other Prescribed Exercises	1-1	For freshmen restricted group	TTh 11:20

*A fee of \$10 is required for this course

Physical Education 201 W-202 W (21 W-22 W)	Rhythm Deck Tennis and Other Prescribed Exercises	1-1	For sophomore weak group	MW 7:00
Physical Education 201 C-202 C	Corrective Exercises for Individual Cases	1-1	For sophomore corrective group	MW 7:00
Physical Education 201 R-202 R	Bowling, Shuffleboard and Other Prescribed Exercises	1-1	For sophomore restricted group	MW 7:00
Physical Education 301 W-302 W (31 W-32 W)	Croquet Cottonball Table Tennis	1-1	For junior weak group	TTh 7:00
Physical Education 301 C-302 C	Corrective Exercises for Individual Cases	1-1	For junior corrective group	TTh 7:00
Physical Education 301 R-302 R	Horseshoe Pitching, Archery and other Pres- cribed Ex- ercises	1-1	For junior restricted group	TTh 7:00

REQUIRED PHYSICAL EDUCATION FOR WOMEN

		F=Fall semester		S=Spring semester	
<i>Course No.</i>	<i>Title</i>	<i>Credit</i>	<i>Remarks</i>	<i>Time</i>	
Physical Education 101-102(11-22)	Freshman sophomore	1-1	For freshman, sophomore and	MW 11:20	Baseball and Volleyball F
201-102(21-22)	and junior		junior normal	MW 11:20	Volleyball and
301-302(31-32)	required course		group	TTh 2:20	Baseball S Speedball and Basketball F

Time (continued)

TTh 2:10	Basketball and Speedball	S	TTh 10:20	Badminton, Paddle Tennis	S
MW 3:10	Tennis, Deck Tennis and skating	F	MW 10:20	Gymnastics	F or S
TTh 10:20	Tennis, Deck Tennis, and skating	F	TTh 9:20	Gymnastics	F or S
MW 3:10	Badminton, and Paddle Tennis	S	MW 3:10	Rhythms	F or S
MW 7:00	Archery and Chinese Boxing	Elective	TTh 8:00	Rhythms	F or S
MW 9:20	Modern Dance	Elective			F or S
TTh 11:20	Advanced Gymnastics	F	Prerequisite: Gymnastics	F	
TTh 2:10	Advanced Modern Dance	S	Prerequisite: Modern Dance	S	
Time to be arranged	Physical Education for corrective group	F or S			
Time to be arranged	Physical Education for weak group	F or S			

The Major: A minimum of 33 credits in Physical Education including:

Physical Education 211, 212, 311, and 312	Technique of Teaching, Coaching, and Officiating of Sports, and Basic Rhythms and Technique of Teaching Gymnastics	12
Physical Education 231	Principles of Physical Education	3
Physical Education 332	Leadership in Play and Recreation	3
Physical Education 351-352	General Kinesiology	6
Physical Education 431	Organization and Administration of Physical Education	3
Physical Education 495-496	Practice Teaching	4
Physical Education 497-498	Senior Thesis	2
		<hr/> 33

Special Requirements: Eight credits of Sophomore English and the following courses are required:

Physics 111-112 (11-12)	Practical Physics	6
Education 336 (126)	Methods of Teaching	3
Biology 202 (52)	Comparative Anatomy	4
Psychology 217 (117)	Elements of Statistics	3
Medicine 5	Health Education*	3
		19

Physical Education 211 Technique of Teaching 3 credits
 Material and technique of teaching Basic Rhythms; technique of teaching, coaching and officiating of basket ball. Required: Sophomore major students. Elective: 2, 3, 4. MWF 8:00, F 2:10-4:00.

Miss Jacobs, Mr. Wee & Mr. Lin.

Physical Education 212 Technique of Teaching 3 credits
 Technique of teaching, coaching and officiating in volleyball, soccer, and track and field events. Required: Sophomore major students. Elective: 2, 3, 4. MWF 8:00, F 2:10-4:00. Mr. Kuan, Mr. Lin, & Miss Lu

Physical Education 213 Technique of Teaching 3 credits
 Technique of teaching, coaching, and officiating of Field Hockey, Ice hockey, speedball and touch football. Elective: 2, 3, 4. TThS 8:00, Th 2:10-4:00. Mr. Wee, Mr. Lin, & Mr. Tsui
 Not offered in 1940-1941.

Physical Education 214 Technique of Teaching 3 credits
 Chinese boxing and archery. Elective: 2, 3, 4. TThS 8:00, Th 2:10-4:00. Not offered in 1940-1941. Miss Lu & Mr. Tsui

Physical Education 231 Principles of Physical Education 3 credits
 This course deals with the purpose, nature, and scope of physical education in relation to education as a whole. Details and problems regarding facilities, program, and management are given special study. Economic, social, and political forces which have bearing on physical education are

* If this course is not offered, Physical Education 542 Health Education, may take its place.

discussed. Required: Sophomore major students. Elective: 2, 3, 4. MWF 9:20. Mr. Wee

Physical Education 233 History of Physical Education 3 credits

A study of the influences of social, economic, political, and religious factors in the development of physical education from ancient times to the present. Special treatment is given to the origin and development of games and sports. Special emphasis is given to the history of Chinese physical education. Elective: 2, 3, 4. MWF 10:20. Messrs. Lin & Kuo

Physical Education 311 Technique of Teaching 3 credits

Technique of teaching, coaching, and officiating of Baseball: technique of teaching Gymnastics, apparatus, and tumbling. Required: Junior major students. Elective: 3, 4. TThS 9:20; Th 2:10-4:00.

Not offered in 1940-1941. Mr. Chao, Miss Lu, & Mr. Wee

Physical Education 312 Technique of Teaching 3 credits

Technique of teaching, coaching, and officiating of tennis, badminton, and paddle tennis. Required: Junior major students. Elective: 3, 4. TThS 9:20, Th 2:10-4:00

Not offered in 1940-1941. Mr. Wee, Mr. Tsui, & Miss Lu

Physical Education 332 Leadership in Play and Recreation 3 credits

This course deals with the theories of recreation with respect to its social, economic, and political foundations. Attention is given to the place and function of the program in the life of the community, scope of the programs, and organization of the activities. Variety of suitable programs will be considered. TThS 8:00. Mr. Lin

Not offered in 1940-1941.

Physical Education 351-352 General Kinesiology 3-3 credits

A study of body movements and their mechanical and physiological principles, the effect of various types of activities upon the body, and the application of kinesiology to the teaching of physical education. Prerequisite: Biology 103-104 (3-4), Biology 202(52). Required: Junior major students. Elective: 3, 4. MWF 10:20.

Not offered in 1940-1941.

Physical Education 354 Physical Examination and First Aid 3 credits
 A study of principles, administration, technique of physical examination and method of recording covers one half of the semester. The other half is a standard course in First Aid. Elective: 3, 4. MWF 11:20.
 Not offered in 1940-1941. Miss Lu

Physical Education 355 Corrective Physical Education 3 credits
 A study of body mechanics of abnormal human individuals, teaching of corrective exercises and massage. Prerequisite: P. E. 351-352. Elective: 3, 4. MWF 11:20. Not offered in 1940-1941. Miss Lu

Physical Education 358 Tests and Measurements in Physical Education 3 credits
 The technique of tests and measurements in physical activities. Prerequisite: Psychology 217 (117). Elective: 3, 4. MW 2:10-4:00.
 Not offered in 1940-1941. Miss Lu & Mr. Lin

Physical Education 431 Organization and Administration of Physical Education 3 credits
 This course covers various aspects of organization and administration especially in middle schools and colleges. Special attention is given to the problems of construction and maintenance of the physical education plant and equipment. Such phases in the program as required physical education, intramural, inter-collegiate sports, and functions of the office are fully considered. Required: Senior major students. Elective: 4. TThS 11:20.
 Not offered in 1940-1941. Mr. Wee

Physical Education 434 Methods and Materials of Physical Education 3 credits
 This course will stress the selection of activities and appropriate method of instruction in physical education. Elective: 4. TThS 9:20.
 Not offered in 1940-1941. Mr. Lin

Physical Education 452 Health Education 3 credits
 This course deals with health materials, health problems in schools and community, with special emphasis on the part which physical education plays in the health program. Elective: 4. TThS 10:20.
 Not offered in 1940-1941.

Physical Education 495-496 Practice Teaching 2-2 credits
 The student will be given opportunities to teach in elementary schools, high schools, and colleges with supervision. Required: Senior major students.
 Not offered in 1940-1941. Staff

Physical Education 497-498 Senior Thesis 1-1 or 2 credits
 Staff

CHINESE LANGUAGE AND CULTURE FOR FOREIGN STUDENTS

*Lucius C. Porter, M.A., B.D., D.D., L.H.D. Professor of Philosophy
 Miss Wu T'ien-min, M.A. Instructor in Psychology
 Ho Pao-yuan, B.A. Assistant (part-time)

Foreigner's Chinese 101-102 Elementary Chinese 3-3 credits
 Required: 1. Time to be arranged. Miss Wu

Foreigner's Chinese 109-110 Chinese Culture 3-3 credits
 An introductory course in Chinese history and culture. Required: 1 or 2.
 Not offered in 1940-1941. Mr. Porter

Foreigner's Chinese 203-204 Intermediate Chinese 3-3 credits
 Required: 2. Time to be arranged. Mr. Ho

Foreigner's Chinese 305-306 Advanced Chinese 3-3 credits
 Required: 3. Time to be arranged. Mr. Ho

Foreigner's Chinese 407-408 Selected Chinese Texts 3-3 credits
 Elective: 4. Time to be arranged. Mr. Ho

HYGIENE

Hygiene 102 W Personal Hygiene 1 credit
 A course in the principles of health with special emphasis on disease prevention and the relationship of personal illness to the health of the community.
 Open to women students only.

*On leave of absence, 1940-1941.

THE COLLEGE OF NATURAL SCIENCES
REQUIREMENT FOR THE DEGREE OF BACHELOR OF SCIENCE

	<i>Credits</i>
Chinese	8
English	16
Physical Education	6
Hygiene	1
Mathematic 101-102	6
Physics 101-102	6
Chemistry 101 or 102	5
Biology 101 or 102	5
Social Science	6
Arts (Hist. Educ. Litt. or Phil.)	6
Major	32-50
Minor or Correlated Subjects	12-24
Special Requirements or Department Electives	33-3
Total	142

MATHEMATICS

Walter W. Davis, M. S.	<i>Professor and Chairman</i>
Miss Ethel M. Hancock, B. Sc.	<i>Professor</i>
Hsü Hsien-yü, Ph. D.	<i>Lecturer</i>
Liang Chao-keng, B. S., M. M. E.	<i>Lecturer</i>
Li Ming-hsien, B. S.	<i>Instructor</i>
Miss Chang Chi-yi, B. S.	<i>Assistant</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.

The Major: A minimum of 46 credits in Mathematics including:

	<i>Credits</i>
Mathematics 101-102 (1-2) Introduction to Mathematical Analysis	3-3

Mathematics 227-228 (27-28)	Intermediate Calculus	<i>credits</i> 3-3
Mathematics 355-356 (55-56)	Advanced Calculus	3-3
Mathematics 497-498 (199-200)	Senior Thesis	2 to 4

And at least 4 courses from the following:

Mathematics 129-130 (29-30)	Modern Geometry	3-3
Mathematics 205-206 (5-6)	Mechanics	3-3
Mathematics 223-224 (23-24)	Analytic Geometry	3-3
Mathematics 331-332 (31-32)	Differential Equations	2-2
Mathematics 333-334 (33-35)	Theory of Equations	2-2
Mathematics 365-366 (65-65)	Theory of Numbers	2-2
Mathematics 467-468 (67-68)	Modern Algebra	3-3

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

The Minor: A minimum of 18 credits in Physics, Chemistry, Biology, Home Economics, Education, History, Chinese, or Western Languages.

Students planning to teach Mathematics are strongly urged to secure the Form B Diploma of the Department of Education (See p. 69).

Special Requirement: Physics 203-204 (3-4) College Physics II 3-3 *credits*

Mathematics 101-102 (1-2) Introduction to Mathematical Analysis 3-3 *credits*

A unified course in algebra, trigonometry, analytical geometry and calculus, about three-fifths of the time being given to calculus. The course is designed for first year natural science students. Each section is limited to 20 students. Required: first year natural science students. MWF 8:00, Sections A, B, & C; TThS 8:00, Sections D & E; TThS 10:20, Section F.
 Mr. Davis, Miss Hancock, Mr. Liang, Mr. Li, and Miss Chang

Mathematics 103-104 (3-4) General Mathematics 3-3 *credits*

A unified course in algebra, trigonometry, analytical geometry and calculus, designed to meet the needs of students in the College of Arts and Letters and the College of Public Affairs. Elective: 1, 2, 3, 4. MWF 11:20.

Mr. Li

- Mathematics 129-130 (29-30) Modern Geometry 3-3 credits
 A course in modern geometry and some geometrical conics. Elective: 1, 2, 3, 4. MWF 11:20. Miss Hancock
- Mathematics 205-206 (5-6) Mechanics 3-3 credits
 An elementary course in statics and dynamics. Prerequisite: Mathematics 101-102 (1-2) and Physics 101-102 (1-2). Elective: 2, 3, 4. Th 9:20, MF 10:20. Mr. Liang
- Mathematics 223-224 (23-24) Analytic Geometry 3-3 credits
 The fundamental principles of plane and solid analytic geometry including some work in homogeneous coordinates. Prerequisite: Mathematics 101-102 (1-2). Elective: 2, 3, 4. TThS 10:20. Miss Hancock
- Mathematics 227-228 (27-28) Intermediate Calculus 3-3 credits
 A second course in differential and integral calculus. Prerequisite: Mathematics 101-102 (1-2). Required: majors in Mathematics. Elective: 2, 3, 4. MWF 8:00, Section A; TThS 8:00, Section B. Mr. Hsü
- Mathematics 331-332 (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 227-228 (27-28). Elective: 3, 4. TTh 9:20. Mr. Davis
- Mathematics 333-334 (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 227-228 (27-28). Elective: 3, 4. MW 9:20. Mr. Li
- Mathematics 354 (54) Projective Geometry 2 credits
 Prerequisite; Mathematics 101-102 (1-2) and Mathematics 129-130 (29-30). Elective: 3, 4. Time to be arranged. Miss Hancock
- Mathematics 355-356 (55-56) Advanced Calculus 3-3 credits
 A continuation of Mathematics 227-228 (27-28) arranged with special reference to the needs of students majoring in Mathematics and more advanced science students. Prerequisite: Mathematics 227-228 (27-28). Elective: 3, 4. TThS 11:20. Mr. Liang
- Mathematics 365-366 (65-66) Theory of Numbers 2-2 credits
 A course in the theory of numbers. Prerequisite; Mathematics 227-228 (27-28). Elective: 3, 4. MS 1:10. Mr. Liang

- Mathematics 381 (81) General Astronomy 2 credits
 A course giving the fundamental facts of our universe in a non-technical way. Elective: 3, 4. Not offered in 1940-1941.
- Mathematics 391-392 (91-92) Journal Club 1-1 credits
 The faculty and students will give reports on articles in current mathematical journals. Prerequisite: Mathematics 227-228 (27-28). Elective: 3, 4. M4:10. Mr. Hsü
- Mathematics 413-414 (113-114) Methods of Teaching Mathematics 2-2 credits
 Elective: 4. TTh 8:00. Miss Hancock
- Mathematics 421-422 (121-122) Functions of a Complex Variable 3-3 credits
 An introductory course on the theory of elementary functions of a complex variable. A general treatment of the subject is adopted, giving the student an understanding of the methods developed by Cauchy, Weierstrass and Riemann. A brief account of the theory of logarithmic potential will be given. Prerequisite: Mathematics 355-356 (55-56). Elective: 4. TThS 9:20. Mr. Hsü
- Mathematics 497-498 (199-200) Senior Thesis 2 to 4 credits
 Staff

PHYSICS

William Band, M. Sc.	<i>Professor and Chairman</i>
Ch'u Sheng-lin, Ph. D.	<i>Assistant Professor</i>
Ch'en Shang-yi, Ph. D.	<i>Lecturer</i>
Liu Mao-ling, B. S., B. E. E.	<i>Lecturer</i>
Ch'eng Li-ch'ang, M. S.	<i>Instructor</i>
Mo Wen-ch'üan, M. S.	<i>Instructor</i>
Tu Lien-yüeh, M. S.	<i>Instructor</i>
Cheng Kuan-sen, M. S.	<i>Assistant</i>
Lü Chih-ch'in	<i>Assistant</i>

Samuel M. Dean, B. Sc., M. E., B. Sc. (Arch. Eng.) *Honorary Lecturer*

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; and the training of research workers in physics.

The Major: No student will be accepted as a major student unless he has obtained a grade of at least "5.5" in Physics 101-102 (1-2) and at least "5.5" in Mathematics 101-102 (1-2).

A major student should take not less than 36 or more than 50 credits in physics including:

		<i>credits</i>
Physics 203-204 (3-4)	College Physics II	4-4
Physics 305-306 (105-106)	Advanced Optics	4-4
Physics 307-308 (109-110)	Electricity and Magnetism	4-4
Physics 401-402 (123-124)	Modern Physics	4-4
Physics 491-492 (91-92)	Journal Club	1-1
Physics 497-498 (199-200)	Senior Thesis	2 to 4

The Minor: A student majoring in physics should choose one of the following minor subjects:

Pre-engineering: All courses specially prepared for pre-engineers must be taken, but such students will be exempt from either Modern Physics or Advanced Optics.

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:

		<i>credits</i>
Mathematics 205-206 (5-6)	Statics and Dynamics	3-3
Mathematics 355-356 (55-56)	Advanced Calculus	3-3
Physics 301-302 (101-102)	Advanced Mechanics	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:

		<i>credits</i>
Chemistry 201 (11)	Qualitative Analysis	4
Chemistry 321-322* (21-22)	Organic Chemistry	4-4
Chemistry 331-332 (31-32)	Physical Chemistry	4-4

Chemistry 431 (151) Chemical Thermodynamics 2

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:

		<i>credits</i>
Biology 202 (52)	Comparative Anatomy of the Vertebrates	5
Biology 301 (101)	Genetics	3
Biology 302 (102)	General Embryology	3
Biology 303-304 (103-104)	Biological Technique	4-4

Special Requirements: Mathematics 227-228 (27-28) Intermediate Calculus 3-3

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

Research Assistantships: Every year between 6 and 8 research assistants are appointed. These assistantships are open to candidates entering the Post-graduate Yüan, and are tenable for ten months at first, and renewable yearly. Holders are expected to give half time to work for the Department, and half to research for the degree of Master of Science. The remuneration is determined by the University Administration on a uniform basis each year.

Physics 101-102 (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: MW 9:20, Section A; TTh 9:20, Section B. Laboratory: One period per week to be arranged during registration. Mr. Ch'u

Physics 111-112 (11-12) Practical 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 28 students. Preference to Physical Education sophomore students. Elective: 1, 2. TTh 10:20. Laboratory: M 1:10-4:00, Section A; T 1:10-4:00, Section B. Mr. Mo

Physics 203-204 (3-4)	College Physics II	3-3 credits*
Optics, electricity, and magnetism. Prerequisite: Physics 101-102 (1-2). Elective: 2, 3, 4. Lecture: MFS 9:20, Section A; TTh 9:20, Section B; TTh 10:20, Section C. Laboratory: One period per week to be arranged. Messrs. Band & Ch'eng		
Physics 221	Mechanical Drawing	2 credits
Specially arranged for pre-engineering students, 5 hours laboratory per week. F 1:10-6:00 p. m. Mr. Dean		
Physics 222	Descriptive Geometry	3 credits
Specially arranged for pre-engineering students, 2 lectures and 3 hours laboratory per week. Mr. Liu		
Physics 223-224	Structures I-II	2-2 credits
Strength of materials and architectural construction. Mr. Dean		
Physics 225-226	Engineering Mechanics	3-3 credits
Specially arranged for pre-engineering students. Prerequisite: Physics 101- 102 (1-2). MWS 9:20. Mr. Liu		
Physics 301-302 (101-102)	Advanced Mechanics	3-3 credits
Prerequisite: Physics 101-102(1-2), Mathematics 205-206(5-6) and 227-228 (27-28). MWF 8:00. Mr. Tu		
Physics 303-304 (129-130)	Introduction to Theoretical Physics	3-3 credits
Prerequisite: Physics 101-102(1-2), 203-204(3-4), and Mathematics 227-228 (27-28). TThS 8:00. Mr. Band		
Physics 305-306 (105-106)	Advanced Optics	4-4 credits
Prerequisite: Physics 101-102(1-2), Mathematics 227-228 (27-28). Elective: 3, 4. Lecture: TThS 9:20; Laboratory: WF 1:10-4:00. Mr. Ch'en		
Physics 307-308 (109-110)	Electricity and Magnetism	4-4 credits
Prerequisite: Physics 101-102(1-2), 203-204(3-4), and Mathematics 227-228 (27-28). Elective: 3. MWS 10:20. Laboratory: TTh 1:10-4:00. Mr. Ch'eng		
Physics 321 (23)	Hydraulics	3 credits
Three lectures per week arranged specially for pre-engineering students as an introductory course. Prerequisite: Physics 101-102 (1-2). Elective: 2, 3. TThS 10:20. Mr. Liu		

* Note: 4-4 credits for major students who enroll in Section A.

Physics 322	Machine Shop Practice	3 credits
3 laboratory periods per week. Mr. Dean		
Physics 323-324	Structures III-IV	3-3 credits
Architectural Construction and Design of Reinforced Concrete Structures. Mr. Dean		
Physics 325-326	Engineering Thermodynamics	3-3 credits
Fundamental principles of thermodynamics with emphasis on engineering applications. 3 lecture periods per week.		
Physics 331-332 (25-26)	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 elem- entary theory of the various machines is discussed during the laboratory work. Prerequisite: Physics 303-304 (3-4). Elective: 3, 4.		
Physics 335 (107)	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 or concurrently: Physics 305-306 (105-106). Elective: 3, 4. T 8:00, 1:10-4:00. Mr. Mo		
Physics 337-338 (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 pen- tode tubes are carried out. The construction of simple sets is supervised in the laboratory periods. The enrolment is limited to 12 students. Pre-re- quisite: Physics 101-102 (1-2). Elective: 2, 3. Lecture: ThS 9:20; Laboratory: W 1:10-4:00, Section A; F 1:10-4:00, Section B. Messrs. Tu & Ch'eng		
Physics 350 (50)	Biophysics	2 credits
Two laboratory discussion periods per week specially arranged for premedical students. Prerequisite: Physics 101-102 (1-2), 203-204 (3-4). Mr. Mo		
Physics 401-402 (123-124)	Modern Physics	4-4 credits
Prerequisite: Physics 101-102 (1-2), 203-204 (3-4), and Mathematics, 227-228 (27-28). Elective: 4, 5. Lecture: MWF 10:20; Laboratory: WTh 1:10-4:00. Mr. Ch'u		

- Physics 419-420 Machine Design and Architectural Drawing 2-2 credits
Specially arranged for pre-engineering students. F 10:20-12:10. Mr. Dean
- Physics 423 Heat Engines 2 credits
Specially arranged for pre-engineering students. Text: "Heat Engines,"
Ripper. F 8:00-10:10. Mr. Dean
- Physics 424 Power Plant Equipment 2 credits
Specially arranged for pre-engineering students. Based on the complete
equipment in the University Power House. F 8:00-10:10. Mr. Dean
- Physics 427-428 Electrical Engineering 4-4 credits
Specially arranged for pre-engineering students. 3 lectures and laboratory.
Prerequisite: Physics 203-204(3-4) & Mathematics 227-228(27-28). Mr. Liu
- Physics 491-492 (91-92) Journal Club 1-1 credits
The faculty and students will give reports on articles in current physical jour-
nals. Regular attendance is required of graduate and senior students in the
Department. T 7:00 p. m. Staff
- Physics 497-498 (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.
- Physics 501-502 (205-206) Relativity Theory Mr. Band
- Physics 507-508 (121-122) Advanced Electricity and Magnetism 3-3 credits
Perequisite: Physics 307-308 (109-110) and Mathematics 355-356 (55 56).
W 9:20, TF 10:20. Mr. Ch'en
- Physics 511-512 (207-208) Quantum Theory Mr. Ch'u
- Physics 519-520 (209-210) Nuclear Physics Mr. Ch'u
- Physics 521-522 (211-212) Statistical Mechanics Mr. Band
TThS 8:00
- Physics 525-526 (213-214) Atomic Structure and Spectroscopy Mr. Ch'en
- Physics 535 (215) Molecular Spectroscopy Mr. Ch'u
- Physics 536 (216) Applied Spectroscopy Mr. Ch'en
- Physics 591-592 (191-192) Journal club Staff
- Physics 595-596 (295-296) Special Experimental Problem Staff
- Physics 597-598 (299-300) Graduate Thesis Staff

CHEMISTRY

- Ts'ai Liu-sheng, Ph. D. Professor and Chairman
William H. Adolph, Ph. D. Professor
*Earl O. Wilson, Sc. D. Professor
Staney D. Wilson, Ph. D. Professor
Chang Tzu-kao, B. S. Visiting Professor
Ch'eng Ching-yü, Ph. D. Lecturer
Ts'ao Ching-p'an, B. A. Instructor
Yü Shih-chou, M. S. Assistant
Ch'en Shang-chin, B. S. Research Assistant
Li Chia-kuang, B. S. Research Assistant
Wu Tsu-fen, B. S. Research Assistant

Lin Ch'i-chun, B. Cer. E. Honorary Advisor 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.

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

Chemistry 101 or 102 (1 or 2)	General Inorganic Chemistry	5
Chemistry 201 and 202A (11 and 16A)	Analytical Chemistry	4-4
Chemistry 321-322* (21-22)	Organic Chemistry	4-4
Chemistry 331-332 (31-32)	Physical Chemistry	4-4
Chemistry 497-498 (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.

Special Requirements:

Physics 203-204 (3-4)	College Physics II	3-3
Mathematics 227-228 (27-28)	Intermediate Calculus	3-3

* On leave of absence, 1940-1941.

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 101 or 102 (1 or 2) General Inorganic Chemistry 5 credits

A course in general inorganic chemistry covering both 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 its equivalent. Elective: 1, 2, 3. Lecture: MWF 9:20, Section A; TTh 8:00, F 9:20, Section B; TTh F 9:20, Section C. Laboratory: MTh 1:10-4:00, Section A; TF 1:10-4:00, Section B; W 1:10-4:00, S 9:20-12:10, Section C. Mr. Chang

Chemistry 103-104 (3-4) Chemistry and Its Application 3-3 credits

This is an introductory course, covering the general field of chemistry with special emphasis on the application of chemistry and life. For students of the College of Arts and Letters and the College of Public Affairs. Lecture: MW 9:20. Laboratory: T 1:10-4:00, Section A; Th 1:10-4:00, Section B. Time of Section C to be arranged. Mr. Ts'ao

Chemistry 201 (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 101 or 102 (1 or 2). Lecture: T 10:20, S 9:20, Section A; WF 8:00, Section B; TTh 9:20, Section C. Laboratory: MF 1:10-4:00, Section A; TTh 1:10-4:00, Section B; W 1:10-4:00, S 9:20-12:10, Section C. Mr. Ch'eng

Chemistry 202 A (16 A) Quantitative Analysis 4 credits
Elementary gravimetric and volumetric analysis. Prerequisite: Chemistry 201 (11). T 9:20, MWF 1:10-4:00. Mr. Ch'eng

Chemistry 202 B (16B) Quantitative Analysis 3 credits
Elementary gravimetric and volumetric analysis. For students in other departments. Prerequisite: Chemistry 201 (11). Th 9:20. TTh 1:10-4:00. Mr. Ch'eng

Chemistry 204 (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 201 (11) and Physics 101-102 (1-2) or Physics

111-112. TTh 8:00, MW 1:10-4:00, Section A; WF 8:00, TTh 1:10-4:00, Section B. Mr. Adolph

Chemistry 321-322* (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 321 (21) without taking Chemistry 322 (22). Prerequisite: Chemistry 202 or 204 (16 or 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 331-332 (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. Prerequisite: Chemistry 201-202 (11 & 16); Mathematics 227-228 (27-28). Lecture: TThS 11:20; Laboratory: W or F 1:10-4:00. Mr. Ts'ai

Chemistry 401 (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 202 A and 321 (16 A and 21). Lectures and conferences: TTh 10:20; Laboratory: MW 1:10-4:00. Mr. Adolph

Chemistry 402 (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 401 (117). Six laboratory hours and two lecture conferences to be arranged. Mr. Adolph

Chemistry 404 (143) Chemistry of the Proteins 2 credits

Prerequisite: Chemistry 401 (117) or the equivalent. Time to be arranged. Mr. Adolph

Chemistry 405 & 406 (139-140) Seminar in Biochemistry 1-1 credits

For students specializing in biochemistry. Prerequisite: Chemistry 401 (117). Time to be arranged. Mr. Adolph

Chemistry 407 (146) Chemistry of the Colloidal State 2 credits

A study of the fundamental conceptions of colloid chemistry. Lectures and conferences. Prerequisite: Chemistry 204 (14) or 332 (32).

- Mr. Adolph**
- Chemistry 411-412 (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 202 A and 322 (16 A and 22). MWF 9:20.
 Not offered in 1940-1941. Mr. E. O. Wilson
- Chemistry 413 (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 321-322* (21-22) and 331-332 (31-32). Time to be arranged. Mr. Yü
- Chemistry 414 (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 321-322* (21-22) and 331-332 (31-32). Mr. Yü
- Chemistry 417 (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 202 A (16 A).
 Mr. E. O. Wilson
- Chemistry 418 (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 332 (32) and 412 (122). Mr. E. O. Wilson
- Chemistry 421 & 422 Advanced Organic Chemistry 3-3 *credits*
 (133-134)
 Lectures of a more advanced nature than those given in Chemistry 321-322*

- (21-22); reports on the current literature of organic chemistry. Students without adequate laboratory training in organic chemistry must elect Chemistry 423-424 (135-136) with this course. Prerequisite: Chemistry 322 (22). Time to be arranged. Mr. S. D. Wilson
- Chemistry 423 & 424 (135-136) Organic Preparations 2-2 *credits*
 Organic preparations of a more advanced type than those offered in Chemistry 321-322* (21-22). As far as possible the type of preparations will be adapted to the needs of the individual students. Six laboratory hours. Prerequisite: Chemistry 322 (22). Time to be arranged. Mr. S. D. Wilson
- Chemistry 425 (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 322 (22). Time to be arranged. Mr. S. D. Wilson
- Chemistry 427 (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 322 (22).
 Not offered in 1940-1941. Mr. S. D. Wilson
- Chemistry 429 Medicinal Products 2 *credits*
 A study of the methods and the principles for the synthesis of the official drugs. Prerequisite: Chemistry 321-322* (21-22). Time to be arranged.
 Mr. Ch'eng
- Chemistry 431 (151) Chemical Thermodynamics 2 *credits*
 Prerequisite: Chemistry 332 (32). Time to be arranged. Mr. Ts'ai
- Chemistry 432 (152) Photochemistry 2 *credits*
 Prerequisite: Chemistry 332 (32). Time to be arranged. Mr. Ts'ai
- Chemistry 442 (156) History of Chemistry 1 *credit*
 A general survey of the main developments of chemistry as a science. Supplementary readings from various sources will be assigned. Time to be arranged. Mr. Chang
- Chemistry 451 A (153 A) 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 con-

sultation with the instructors offering advanced courses. Prerequisite: Permission of the instructor under whom the work is to be done.

Chemistry 451 B(153B)	Special Problems	2 credits
A course similar to Chemistry 451A (153A).		
Chemistry 452 A (154A)	Special Problems	4 credits
Chemistry 452 B (154B)	Special Problems	2 credits
Chemistry 497-498 (199-200)	Senior Thesis	3-3 credits
A simple experimental problem in some field of chemistry. The field of investigation is selected in conference with the Chairman of the Department.		

BIOLOGY

Li Ju-ch'i, Ph. D.	<i>Professor and Chairman</i>
Miss Alice M. Boring, Ph. D.	<i>Professor</i>
Chenfu F. Wu, Ph. D.	<i>Professor</i>
Ts'ui Yu-lin, M. S.	<i>Lecturer</i>
Lin Ch'ang-shan, M. S.	<i>Instructor</i>
Miss Hsüeh Mu-lien, B. S.	<i>Assistant</i>
Miss Lu Wan-ch'ing, M. S.	<i>Assistant</i>

The functions of the department are to provide the biology courses necessary (a) to prepare students for teaching or research in several phases of biology, (b) for premedical training, (c) for the special curriculum in physical education training and (d) to provide the elementary biology required of students in the College of Natural Sciences and also a more popular elective course for non-science students.

The Department offers three different curricula leading to the degree of Bachelor of Science with different major and minor requirements:

1. <i>Biology Major</i> : From 32 to 45 credits in Biology including:	<i>Credits</i>
Biology 201, 202 (51, 52)	4-4
Biology 209, 210 (109, 110)	4-4
Biology 301, 302 (101, 102)	3-3
Biology 304 (103)	4
Biology 403-404 (153-154)	1-1
Biology 497-498 (199-200)	2-2

Minor or correlated Subjects:

From 12-16 credits to be elected by each student according to the advice of the major professor.

2. *Economic Entomology Major*: 32-45 credits in Biology including:

	<i>credits</i>
Biology 201 (51)	4
Biology 209-210 (109-110)	4-4
Biology 302 (102)	3
Biology 304 (103)	4
Biology 311-312 (106-112)	4-4
Biology 403-404 (153-154)	1-1
Biology 465A, 466A (165A, 166A)	4-4
Biology 497-498 (199-200)	2-2

Minor or Correlated Subjects:

Chemistry 201 (11)	4
Chemistry 204 (14)	4
Economics 101-102 (1-2)	3-3

3. *Pre-medicine Major*: 32-45 credits in Biology including:

Biology 201, 202 (51, 52)	4-4
*Biology 209, 210 (109, 110)	4-4
Biology 301 (101)	3
*Biology 302 (102)	3
*Biology 304 (103)	4
*Biology 403-404 (153-154)	1-1
*Biology 497-498 (199-200)	2-2

Minor or Correlated Subject:

Chemistry 201, 204 (11, 14)	4-4
Chemistry 202B, 321 (16B, 21)	3-4
Physics 203-204 (3-4)	3-3
Physics 350 (50)	2

*These major requirements may otherwise be fulfilled by completion of the first year medical work at the Peiping Union Medical College.

Biology 101 or 102 (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 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).

Fall semester: Miss Boring; Spring semester: Miss Boring & Mr. Li

Biology 103-104 (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. The enrolment is limited to 105 students. Elective: 1, 2 (non-science students). Lecture: 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 9:20-12:10, Section C.

Mr. Ts'ui

Biology 201 (51) Invertebrate Zoology 4 credits

This is a course on the morphology and physiology of 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 101 (1). Elective: 2, 3, Lecture: MW 10:20. Laboratory: MW 1:10-4:00, Section A (24 students); TTh 1:10-4:00, Section B (24 students).

Mr. Wu

Biology 202 (52) Comparative Anatomy of Vertebrates 4 credits

A comparative study of the anatomy of vertebrate animals, emphasizing the history of the human body, with the dissection of several animals especially the dog. Prerequisite: Biology 101 (1). Elective: 2, 3. Lecture: WF 10:20. Laboratory: MW 1:10-4:00, Section A; TTh 1:10-4:00, Section B.

Miss Boring

Biology 209 (109) Animal Physiology 4 credits

An experimental study of the functions of tissues and organs of animals with special emphasis on man. Prerequisite: Biology 101 (1). Elective: 2, 3, 4. Lecture: TTh 8:00. Laboratory: MW 1:10-4:00.

Mr. Li

Biology 210 (110) 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 101 (1). Elective: 2, 3, 4. Lecture: TTh 8:00; Laboratory: MW 1:10-4:00.

Mr. Wu

Biology 301 (101) 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 201 (51) and 202 (52). Elective: 3, 4, 5. Lecture: WF 8:00; Laboratory: F 1:10-4:00.

Mr. Li

Biology 302 (102) 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 201 (51) and 202 (52). Elective: 3, 4, 5. Lecture: WF 8:00; Laboratory: F 1:10-4:00.

Mr. Li

Biology 304 (103) Biological Technique 4 credits

Principles and practice of making microscopic preparations. Guyer's *Animal Micrology* will be followed. Prerequisite: Biology 201 (51) and 202 (52). Elective: 3, 4, 5. Lecture: TTh 8:00; Laboratory: TTh 1:10-4:00.

Mr. Wu

Biology 305 (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 the reaction of various chemicals will be studied, thus constituting a foundation for the study of microscopic technique. Prerequisite: Biology 201 (51) and 202 (52). Elective: 3, 4, 5. Lecture: TTh 10:20; Laboratory: MW 1:10-4:00.

Miss Boring

Biology 307 Vertebrate Zoology 4 credits

A study of the vertebrate groups with special emphasis on their evolutionary relationships and geographic distribution. Prerequisite: Biology 101 (1) and 202 (52). Elective: 3, 4, 5. Time to be arranged.

Miss Boring

Biology 311 (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 201 (51). Elective: 3, 4, 5. Lecture: TTh 8:00; Laboratory: TTh 1:10-4:00.

Mr. Wu

Biology 312 (112) Economic Entomology 4 credits

This course includes a careful study of the principles of Economic Entomology, a general survey of the local insect pests and a practical study of the different methods for the control of injurious insects in the field. Each student will be assigned to the study of the Life History and Control of one of the more important insects and the problem will be continued throughout the following academic year. Prerequisite: Biology 311 (106). Elective: 3, 4, 5. Lecture: MW 8:00; Laboratory: MW 1:00-4:00. Mr. Wu

Biology 359 (159) Cytogenetics 3 credits

This course deals with the recent advances in genetics and cytology, including the work done with *Oenothera*, *Zea*, and *Drosophila*. Prerequisite: Biology 302 (102). Elective: 3, 4, 5. Time to be arranged. Mr. Li

Biology 360 (160) Experimental Biology 3 credits

A study of the living phenomena of the organism as a whole in natural and experimental conditions, including discussion of methods of experimentation and reports on the current literature. Prerequisite: Biology 209 (109), 301 (101), and 302 (102). Elective: 3, 4, 5. Lecture: TTh 8:00; Laboratory: W 1:10-4:00. Mr. Li

Biology 401 (104) Advanced 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 304 (103). Elective: 3, 4, 5. Time to be arranged. Mr. Wu

Biology 403-404 (153-154) Journal Club 1-1 credits

The faculty and students will give reports on articles in current biological journals. Prerequisite: two years of biology. Elective: 4, 5. T 4:30. Mr. Li

Biology 465A (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 465B (165B) Special Problems 2 credits

A course similar to Biology 465A (165A). The work is equivalent to at least six laboratory hours.

Biology 466A (166A) Special problems 4 credits

A course similar to Biology 465A (165A).

Biology 466B (166B) Special Problems 2 credits

A course similar to Biology 465 B (165B).

Biology 497-498 (199-200) Senior Thesis 2-2 credits

Each major student is expected to show the ability to work out independently a problem in biology under the supervision of a member of the Department who is trained in the special line.

HOME ECONOMICS

Miss Martha M. Kramer, Ph. D. Professor and Chairman

Miss Kung Lan-chen, Ph. D. Assistant Professor

Mrs. Eleanor Consten, Ph. D. Lecturer (part-time)

Miss Pai Ho-i, B. S. Instructor

Miss Sun Tseng-min, M. S. Instructor

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

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; to provide fundamental courses for those who are interested in dietetics or nutrition research; to provide a sequence of courses for those who are interested in rural or urban social work.

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

	<i>Credits</i>
Home Economics 203 (3) Food Selection and Preparation	3
Home Economics 215 (15) Home Decoration and Equipment	3
Home Economics 231 (31) Child Care and Development	3
Home Economics 232 (32) Child Training	3
Home Economics 304 (4) Advanced Food Preparation	3
Home Economics 306 (6) Nutrition	4
Home Economics 311 (11) Clothing and Textiles	4
Home Economics 326 (26) Household Management	3
Home Economics 491 or 492 Home Management House (91-92)	3

Home Economics 497 - 498 Senior Thesis 2 to 4
(199-200)

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 should take in addition to the required courses:

Home Economics 216 (16)	Applied Design	3
Home Economics 442 (102)	Methods of Teaching Home Economics	3

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 required courses:

Home Economics 407 (7)	Diet in Disease	2
Home Economics 405 or 406 (111 or 112)	Advanced Nutrition	3
Chemistry 202 A (16A)	Quantitative Analysis	4
Chemistry 401 (117)	General Biochemistry	4
Biology 202 (52)	Comparative Anatomy of the Vertebrates	5

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

Home Economics 203 (3) Food Selection and Preparation 3 credits
A study of foods: source and composition; selection for the balanced diet at various cost levels; preparation and service. Lecture: MW 9:20; Laboratory: W 1:10-4:00. Miss Pai

Home Economics 215 (15) Home Decoration and Equipment 3 credits
A course in which the home and its furnishing 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. Mrs. Consten & Miss Kramer

Home Economics 216 (16) Applied Design 3 credits
A study of the principles of design and color, as found in the best Chinese products, developed and applied to textiles and clothing and to the home and its furnishings. Lecture: T 8:00; Laboratory: WF 1:10-4:00. Mrs. Consten

Home Economics 228 (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 & Miss Kramer

Home Economics 231 (31) Child Care and Development 3 credits

A study of the growth and development of the child through the pre-natal period, infancy, and childhood; factors influencing the health of children, including environment and food. Some field work and supervised observation will be assigned each student. TTh 1:10, the third hour to be arranged. Miss Sun

Home Economics 232 (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 101 (1) or Education 116 (16). TTh 1:10, the third hour to be arranged. Miss Sun

Home Economics 304 (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 desirability of products. Prerequisite: Home Economics 203 (3) and Chemistry 321 (21). Lecture: W 8:00; Laboratory: TTh 1:10-4:00. Miss Kramer & Miss Pai

Home Economics 306 (6) Nutrition 4 credits

A study of the essentials of nutrition and their relationship to human well-being. Prerequisite: Home Economics 203 (3), Chemistry 321 (21). Lecture: TTh 10:20; Laboratory: MW 1:10-4:00. Miss Kung

Home Economics 311 (11) Clothing and Textiles 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. Lecture: F 11:20; Lecture & Laboratory: TF 1:10-4:00. Mrs. Consten & Miss Pai

Home Economics 326 (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. MWF 9:20. Miss Kramer

Home Economics 333 or 334 (33 or 34) The Nursery School 3 credits

A study of the aim and organization of the nursery school, of equipment and play material for young children, and of 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 231 (31) and 232 (32). Time to be arranged.

Miss Sun

Home Economics 405 or 406 (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 306 (6) Chemistry 401 (117). Lecture: MW 11:20. Laboratory hours to be arranged. Miss Kung

Home Economics 407 (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 306 (6). TTh 11:20. Miss Kramer

Home Economics 408 (120) Food Economics 2 credits

A course for students interested in human nutrition and diet as related to the 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 306 (6). TTh 8:00. Miss Kramer

Home Economics 442 (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 in home economics and 6 credits in Education or Psychology. MWF 8:00. Miss Kramer

Home Economics 443 or 444 Seminar in Home Economics 2 credits (121 or 122)

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. Time to be arranged. Miss Kramer

Home Economics 491 or 492 Home Management House 3 credits (91 or 92)

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 203 (3), 215 (15), 306 (6), 326 (26). Miss Pai

Home Economics 497-498 (199-200) Senior Thesis 2 to 4 credits

Each major student is required to investigate an individual problem during the senior year. Staff

GEOLOGY

Geology 101-102 (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. Lecture: MF 9:20. Laboratory: W 1:10-4:00. Occasional field trips in place of the laboratory period. Mr. Davis

YENCHING CROP IMPROVEMENT STATION

Shen Shou-tsun, M. S. Professor and Director of Experimental Project
Lu Wei-ming, B. S. Instructor
Chang En-hsien, B. S. Associate

The work of the 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.

RURAL TRAINING

For students who intend to participate in rural work, the following courses are offered:

I. <i>General Requirements:</i>		<i>credits</i>
Chinese 301 or 302 (31 or 32)	Documentary Composition	3
Economics 233 (141)	Introduction to Rural Economics	3
Economics 371-372 (11-12) or Soc. 305-306 (115-116)	Principles & Methods of Statistics	3-3
Political Science 231-232 (91-92)	Social Statistics	3-3
Political Science 305-306 (35-36)	Elements of Civil Law	3-3
Sociology 224 (24)	<i>Hsien</i> Government	3-3
	Rural Community	3
II. <i>Special Subjects:</i>		
A. Social Administration		
Sociology 263 (163)	Social Administration	3
Sociology 309 (121)	Human Demography	3
Sociology 321 (51) or	Population and Society	3
Sociology 324 (53)	Family and Society	3
Sociology 366 (166)	Administration of Social Agencies	3
Sociology 381 or 382 (151)	Principles of Social Reconstruction	3
Sociology 424 (92)	Comparative Social Institutions	3
Sociology 491-492 (191-192)	Field Work	3-3

B. Cooperation and Rural Economics		<i>credits</i>
Economics 101-102 (1 or 2)	Elementary Economics	3-3
Economics 231 (151)	History and Principles of Co-operation	3
Economics 232 (152)	Rural Cooperation	3
Economics 291-292 (31-32)	First Year Accounting	3-3
Economics 321-322 (41-42)	Money and Banking	3-3
Economics 334 (142)	Seminar in Rural Economics	3
Economics 351-352 (13-14)	Public Finance	3-3
C. Local Government		<i>credits</i>
Economics 101-102 (1-2)	Elementary Economics	3-3
Economics 351-352 (13-14)	Public Finance	3-3
Pol. Sc. 101-102 (1 or 2)	Introduction to Political Science	3-3
Political Science 205 and 206 (25 or 26)	Chinese Government	3-3
Political Science 241 (105)	Elements of Criminal Law	3
Political Science 307-308 (37-38)	Local Governments of Foreign States	3-3
Political Science 315-316 (51-52)	Administrative Law	3-3
Political Science 366 (106)	Land Law	3

POLITICAL SCIENCE

Wu Ch'i-yü, Ph. D.	<i>Professor and Chairman</i>
Ku Tun-jou, M. A.	<i>Assistant Professor</i>
Chang Fo-ch'üan, B. A.	<i>Visiting Tutor</i>
Hu Yü-chieh, J. S. D.	<i>Lecturer</i>
Chang Hsi-t'ung, B. A.	<i>Lecturer (part-time)</i>
Miss Ch'en Fang-chih, Ph. D.	<i>Instructor</i>
Wu Ta-jen, B. A.	<i>Research Assistant</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, five subjects are emphasized : political theory, political institutions, local government, international relations, and civil law.

Special Requirement: Two credits in Chinese 301 or 302 (31 or 32), Documentary Composition ; six credits in Economics 101-102 (1 or 2), Elementary Economics ; six credits in Political Science 231-232 (91-92), Elements of Civil Law.

The Major : A student majoring in this department must take from 52 to 64 credits in political science including the following :

	<i>credits</i>
Political Science 201-202 Chinese Political History	3-3
Political Science 205 and 206 Chinese Government (25 or 26)	3-3
Political Science 211 and 212 Governments of Foreign (27 & 28) States	3-3
Political Science 315-316 Administrative Law (51-52)	3-3
Political Science 332 (61-62) History of Chinese Political Thought	3
Political Science 335-336 History of Western Political (71-72) Thought	3-3
Political Science 381-382 International Law (111-112)	3-3
Political Science 385 and 386 Chinese Foreign Relations (131 and 134)	3-3
Political Science 389 (148) Contemporary Diplomacy	3
Political Science 497-498 Senior Thesis (199-200)	2-2

For the purposes of the major, courses in Political Science numbered 231-232 (91-92), 241, 351 to 368 (93 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.

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 :

	<i>credits</i>
Economics 233-234 (141-142) Rural Economics	3-3
Economics 311-312 (23-24) Chinese Economic History	3-3
Economics 371-372 (11-12) Principles and Methods of Statistics	3-3
Political Science 201-202 Chinese Political History	3-3
Political Science 205 and 206 Chinese Government (25 or 26)	3-3
Political Science 241 (105) Elements of Criminal Law	3
Political Science 305-306 Local Government of China (35-36)	3-3
Political Science 307-308 Local Government of Foreign (37-38) States	3-3
Political Science 315-316 Administrative Law (51-52)	3-3
Political Science 366 (106) Land Law	3
Sociology 224 (24) Rural Community	3

Political Science 101-102 (1 or 2) Introduction to Political Science 3-3 *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, 3. MWF 11:20. Miss Ch'en & Mr. Chang

Political Science 201-202 Chinese Political History 3-3 *credits*

A review of the political changes and problems of the Chinese people through different dynasties, especially the *Han* (206 B.C.-220 A.D.) and the *Ch'ing* (1644-1911) Dynasties which are chiefly responsible for the moulding of the present Chinese nation. Emphasis will be laid on the growth of the Chinese race, the expansion of its territory, the characteristics of the ruling class, and the fundamental principles of Chinese government.
Elective: 2, 3. MWF 9:20. Mr. Ku

- Political Science 205 (25) Chinese Government A 3 credits
 A comprehensive survey of Chinese constitutions, government and politics since the Republican era. The first term comprises a study of the recent constitutional development in China, decline and overthrow of the monarchy, setting up of the Republic, a comparison of the different constitutions since then, with special attention given to the nature of the constitutional draft adopted in 1936. Elective: 2, 3. MWF 8:00. Mr. Ku
- Political Science 206 (26) Chinese Government B 3 credits
 A continuation of Political Science 205 (25) with special emphasis on the study of the present structure of the five-power national government and the manner through which governmental functions have been discharged. Comparison with the three-power government in the past and other countries will be made from time to time. Elective: 2, 3. MWF 8:00. Mr. Ku
- Political Science 211 (27) Government of Foreign States A 3 credits
 A comparative study of the constitutional development, present functions, and practical working of the governments of Great Britain, France, the United States, and Switzerland. Elective: 2, 3. TThS 8:00. Mr. Chang
- Political Science 212 (28) Government of Foreign States B 3 credits
 A continuation of the above course, dealing with the dictatorial governments of Russia, Italy and Germany. Elective: 2, 3. TThS 8:00. Mr. Chang
- Political Science 221 (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. Not offered in 1940-1941. Mr. Chang
- Political Science 231-232 (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 241 (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. Not offered in 1940-1941. Mr. Hu

- Political Science 302 (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 education, and in military, legal, and economic systems may also be touched. Elective: 3, 4, 5. Not offered in 1940-1941. Mr. Ku
- Political Science 305-306 (35-36) Local Government of China 3-3 credits
 (Hsien Government)
 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 3:10. Mr. Ku
- Political Science 307-308 (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 1940-941. Mr. Ku
- Political Science 311 (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 1940-1941. Mr. Ku
- Political Science 315-316 (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. T 1:10, 2:10; Th 1:10. Mr. Hu

Political Science 317-318 (55-56) Public Administration 3-3 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 1940-1941. Mr. Chang

Political Science 332 (61-62) History of Chinese Political Thought 3 credits
Chinese political theories and their relation to the government of the periods in which they were formulated. Elective: 3, 4, 5. T 3:10; Th 2:10, 3:10.
Miss Ch'en

Political Science 335-336 (71-72) History of Western Political Thought 3-3 credits
A study of the development of political theories from ancient Greece to the present time, with special emphasis on the evolution of the conception of the state, the rise of democracy, and the present-day problem of democracy versus totalitarianism. Elective: 3, 4, 5. TThS 10:20.
Miss Ch'en

Political Science 351-352 (93-94) Civil Law 3-3 credits
An advanced course in Civil Law, open only to students who have already completed Political Science 231-232 (91-92). Elective: 3, 4, 5.
Not offered in 1940-1941. Mr. Hu

Political Science 357-358 (97) Commercial Law 3-3 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. MWF 2:10.
Mr. Hu

Political Science 362 (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.
Not offered in 1940-1941. Mr. Hu

Political Science 366 (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 1940-1941. Mr. Hu

Political Science 368 (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.
Not offered in 1940-1941. Mr. Hu

Political Science 381-382 (111-112) International Law 3-3 credits
The historical development and practical application of the rules governing the present day intercourse of nations. Two lectures on principle and one conference on cases weekly. Elective: 3, 4, 5. MWF 10:20.
Mr. Wu

Political Science 385 (131) Chinese Foreign Relations A 3 credits
This course deals with treaty relations between China and foreign powers. Elective: 3, 4, 5.
Not offered in 1940-1941. Mr. Wu

Political Science 386 (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. MWF 11:20.
Mr. Wu

Political Science 387 (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.
Not offered in 1940-1941. Mr. Wu

Political Science 389 (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.
MWF 11:20. Mr. Wu

Political Science 401 (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: 4, 5.
Not offered in 1940-1941. Mr. Wu

Political Science 406 (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 1940-1941. Mr. Wu

Political Science 497-498 (199-200) Senior Thesis 2-2 credits

Political Science 551-552 (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. Mr. Wu

Political Science 561	Seminar in Chinese Political History	3 credits
Political Science 565	Seminar in Chinese Government and Politics	3 credits
Political Science 568	Seminar in Chinese Foreign Relations	3 credits
Political Science 570	Seminar in China's Frontier Problems	3 credits

ECONOMICS

Gideon Ch'en, B. A.	<i>Professor and Chairman</i>
Miss Augusta Wagner, Ph. D.	<i>Professor</i>
Yuan Wen-p'u, Ph. D.	<i>Professor</i>
Hu Kyi-yuan, B. A., M. F. S.	<i>Visiting Professor</i>
Cheng Lin-chuang, M. A.	<i>Assistant Professor</i>
Michael Lindsay, M. A.	<i>Tutor</i>
Chao Hsi-yü, M. S.	<i>Lecturer (Part-time)</i>
Wang Kuang-ch'i, M. A., M. B. A.	<i>Lecturer (Part-time)</i>
Li Te-hsin, B. A.	<i>Assistant</i>
Li Kuo-shih, B. A.	<i>Research Assistant</i>
Yen Mu-yüan, B. A.	<i>Research Assistant</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 co-operation on the one hand and banking and accounting on the other.

In addition to strong fundamental courses, the department, on the one hand, prepares men for responsible administrative posts in government and industry and, on the other, stresses economic conditions, social structure, and national and rural reconstruction.

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 sent to study some local conditions or to collect and organize data in some new field. For those

taking rural economics and cooperation, "laboratory" work is provided especially in connection with cooperatives. The accounts of nearby village cooperatives and their auditing afford some practical experience for the accounting courses.

The Major: At least 48 credits in Economics, including the following required courses:

Economics 101-102 (1 or 2)	Elementary Economics	3-3
Economics 203-204 (3-4)	Principles of Economics	3-3
Economics 211-212 (21-22)	Western Economic History	3-3
Economics 291-292 (31-32)	First Year Accounting	3-3
Economics 321-322 (41-42)	Money and Banking	3-3
Economics 351-352 (13-14)	Public Finance	3-3
Economics 371-372 (11-12)	Principles and Methods of Statistics	3-3
Economics 441-442 (71-72)	International Trade and Finance	3-3
Economics 497-498 (199-200)	Senior Thesis	2 to 4

Correlated Subjects: In Philosophy, Psychology, Political Science, Sociology, or History, chosen in consultation with the Chairman.

Economics 101-102 (1 or 2) Elementary Economics 3-3 credits
An introductory course designed to give students a knowledge of the fundamental concepts of Economics in relation to Chinese conditions. Students receiving a grade below "5" in this course are not permitted to major in Economics. Elective: 1, 2, 3. MWF 8:00, Section A (Economics); MWF 9:20, Section B (Pol. Sc. & Soc.); MWF 11:20, Section D (Arts & Science). Mr. Hu, Mr. Yuan & Miss Wagner

Economics 203-204 (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 a 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. MWF 8:00. Mr. Yuan

Economics 211-212 (21-22) Western Economic History 3-3 credits
A general survey of the economic Development of Western countries from ancient to modern times. Prerequisite: Economics 101-102 (1 or 2). Elective: 2. TThS 11:20. Mr. Ch'en

Economics 231 (151) Principles and History of Cooperation 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: Economics 101-102 (1 or 2), or Sociology 101-102 (1 or 2). Elective: 2, 3. MWF 11:20. Mr. Cheng

Economics 233 (141) Introduction to Rural Economics 3 credits
This course attempts to apply economic principles to the study of rural economy. It deals mainly with problems in connection with production, distribution, and exchange in agriculture, such as the problems of the combination and the utilization of the factors of production, those of the marketing of products and those of price. The development of agriculture and the types of rural economy are briefly surveyed at the beginning in order to give the students a foundation. Prerequisite: Economics 101-102 (1 or 2). Elective 2, 3. MWF 9:20. Mr. Cheng

Economics 291-292 (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 101-102 (1 or 2). Elective: 2. Section A. MW 2:10; F 2:10-4:00; Section B. MW 3:10-5:00. Mr. Wang & Mr. Chao

Economics 305-306 History of Economic Thought 3-3 credits
A study of the development of economic thought from the Mercantilists to the present. Prerequisite: Economics 101-102 (1 or 2). Elective: 3, 4. MWF 10:20. Miss Wagner

Economics 311-312 (23-24) Chinese Economic History 3-3 credits
Factors influencing economic development in ancient and modern times; recent changes in economic institutions and economic life; their social and economic consequences. Prerequisite: Economics 211-212 (21-22). Elective: 3, 4. TThS 10:20. Mr. Ch'en

Economics 321-322 (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 101-102 (1 or 2). Elective: 3, 4. TThS 8:00. Mr. Wang

Economics 332 (152) Rural Cooperation 3 credits
This course is designed to give the student basic knowledge in regard to the management, organization, and supervision of the different types of agricultural cooperative societies. Emphasis is laid on Chinese conditions. Students are required to observe conditions at first hand. Prerequisite: Economics 231 (151). Elective: 3, 4. MWF 11:20. Mr. Cheng

Economics 334 (142) Seminar in Rural Economics 3 credits
This course aims at the study and analysis of Chinese rural economy and of the problems of its reconstruction. Its content varies from year to year according to the interest of the students and the changing relative importance of contemporary problems. Students in this class should be able to do independent research work. Prerequisite: Economics 233 (141). Elective: 3, 4. MWF 9:20. Mr. Cheng

Economics 351-352 (13-14) Public Finance 3-3 credits
A general study of developments of the fiscal science and of its main topics, namely: public expenditure, public research, public debt and financial administration, special emphasis being laid on the trend of recent development. Prerequisite: Economics 101-102 (1 or 2). Elective: 3, 4. TThS 9:20, Sections A & B. Mr. Hu & Mr. Yuan

Economics 371-372 (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. Prerequisite: Economics 101-102 (1 or 2). Elective: 3, 4. MW 3:10. Laboratory: Th 2:10-4:00, Section A; F 2:10-4:00, Section B. Mr. Cheng

Economics 381 (63) Elements of Transportation 3 credits
The main types of transportation such as railroads, ocean shipping, motor traffic, and commercial aviation will be briefly treated in this course. Prerequisite: Economics 101-102 (1 or 2). Elective: 3, 4. MWF 1:10. Mr. Hu

Economics 382 Principles of Insurance 3 credits
This course will cover the fundamentals of insurance to be illustrated briefly from the practices chiefly found in the field of life, marine, and fire coverages. Prerequisite: Economics 101-102 (1 or 2). Elective: 3, 4. MWF 2:10. Mr. Hu

Economics 441-442 (71-72) International Trade and Finance 3-3 credits
This course deals with the theory of international trade; foreign exchange; control of international trade—tariffs, subsidies, quotas, exchange restrictions. It attempts also an historical review of China's foreign trade with special emphasis on present day problems. Prerequisite: Economics 101-102 (1 or 2). Elective 4. TThS 8:00. Miss Wagner

Economics 497-498 (199-200) Senior Thesis 2 to 4 credits

SOCIOLOGY AND SOCIAL WORK

Chao Ch'eng-hsin, Ph. D.	<i>Assistant Professor and Chairman</i>
Yang K'un, Ph. D.	<i>Professor</i>
Miss Chou Li-ch'iu, M. A.	<i>Assistant Professor</i>
Huang Ti, M. A.	<i>Lecturer</i>
Mrs. Cheng Lin-chuang, M. A.	<i>Lecturer (part-time)</i>
Hsü Tsu-chia, B. A.	<i>Assistant</i>
Sun Te-yün, M. A.	<i>Assistant</i>

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 and social history.

The Major: No student will be accepted as a major student unless he obtains a grade of at least "5" in *An Introduction to the Science of Society*, and also an average grade of "5" for the three required basic courses in the sophomore year *Primitive Community, Rural Community, Urban Community*.

A major student is definitely advised to take the following courses:

	<i>credits</i>
Philosophy 271-272 (71-72) History of Chinese Philosophy	2-2
or	
Political Science 332 (61-62) History of Chinese Political Thought	3
Philosophy 383 (183-184) Western Social and Political Thinking	3
or	
Philosophy 273-274 (73-74) History of Western Philosophy	2-2
Psychology 241-242* (141-142) Social Psychology	3-3

Sociology 301 or 302 (123 or 124)	An Introduction to the Technique of Sociological Investigation	3
Sociology 305-306 (105-106)	Social Statistics	3-3
Sociology 315 & 316 (137-138)	Chinese Social History	2-2
Sociology 411-412 (111-112)	Contemporary Sociological Theories	3-3
Sociology 435 & 436 (135-146)	Field Research (For students in Sociological Theory)	3-3
Sociology 491 & 492 (191-192)	Field Work (For students in Social Work)	3-3
Sociology 497-498 (199-200)	Senior Thesis	2-2

		<i>credits</i>	
Sociology 324 (53)	Family and Society	3	}
Sociology 326 (56)	Economy and Society	3	
Sociology 327 (57)	Law and Social Order	3	
Sociology 329 or 330 (59 or 60)	Comparative Religion	3	
Sociology 331 or 332 (65-66)	Language, Thought, and Culture	3	
Sociology 421 (31)	Comparative Study of Human Societies	3	
Sociology 424 (91)	Comparative Social Institutions	3	
Education 239 (139)	Educational Sociology	3	
a total of 9 credits from these courses			

Additional Requirements: Another 15 to 18 credits in Sociology to be taken in consultation with the Chairman.

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 101-102 (1 or 2) An Introduction to the Science of Society 3-3 credits

The general nature of society; the individual and the community; factors of social life; major social institutions and their interrelations. Prerequisite: consent of Department Chairman. Limited to 50 students. Elective: 1, 2, 3. TThS 8:00. Mr. Huang

Sociology 221 (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. Required of sophomore majors. Prerequisite: Sociology 101-102 (1 or 2). Elective: 2, 3, 4. MWF 10:20. Mr. Yang

Sociology 224 (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. Required of sophomore majors. Prerequisite: Sociology 101-102 (1 or 2). Elective: 2,3,4. TTh S 10:20. Mr. Chao

Sociology 226 (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. Required of sophomore majors. Prerequisite: Sociology 101-102 (1 or 2). Elective: 2, 3, 4. MWF 10:20. Mr. Huang

FACTORS AND ASPECTS OF SOCIAL LIFE

Sociology 321 (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. Prerequisite: Sociology 221(21), or 224 (24), or 226 (26). Elective: 3, 4, 5. MWF 10:20. Mr. Chao

Sociology 324 (53) Family and Society 3 credits

Methods of inquiry; the psychological and ethnological aspects of the family; evolution of the Chinese paternal family system; modern social conditions reacting upon the Chinese family; family disorganization and reorganization. Prerequisite: Sociology 221 (21), or 224 (24), or 226 (26). Elective: 3, 4, 5. MWF 10:20. Mr. Yang

Sociology 326 (56) Economy and Society 3 credits

This course attempts to analyze relations and interactions between economic structure and different aspects of social life from the point of view of human ecology and comparative sociology. 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. Prerequisite: Sociology 221 (21), or 224 (24), or 226 (26). Elective: 3, 4, 5. T ThS 8:00. Mr. Chao

Sociology 327 (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. Prerequisite: Sociology 221 (21), or 224 (24), or 226 (26). Elective: 3, 4.

Sociology 329 or 330 (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. Prerequisite: Sociology 221 (21), or 224 (24). Elective: 3, 4, 5. Mr. Yang

Sociology 331 or 332 (65 or 66) Language, Thought, and Culture 3 credits

A correlational study of language, thought, and culture. Speech as a form of communication and control. Group life in relation to language and thought. Prerequisite: Sociology 221(21), or 224(24), or 226(26). Elective: 3, 4, 5.

Sociology 333 or 334 (67 or 68) Race, Class, and Nation 3 credits

The nature and development of the national community. Race, class and culture as factors in national life. Class struggle and nationalism in contemporary world social movements. Prerequisite: Sociology 221 (21), or 224 (24), or 226 (24). Elective: 3, 4. Mr. Huang

Sociology 336 (70) Cultural Contact and Social Change 3 credits

The sociology of invention and social change: cultural contact as a factor of social change; the invasion of China by the Western world as an illustration of relations between cultural contact and social change. Prerequisite: Sociology 221 (21), or 224 (24), or 226 (26). Elective: 3, 4. Mr. Chao

Sociology 337 or 338 (73 or 74) Culture and Personality 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 experience, leadership and prestige, public opinion and propaganda. Prerequisite: Sociology 221 (21), or 224 (24), or 226 (26). Elective: 3, 4.

Sociology 339 or 340 (75 or 76) Collective Behavior 3 credits
A study of collective behavior from the viewpoint of human nature and social control; giving particular attention to social unrest, social contagion, and social epidemics; crowd phenomena and the behavior of traditional and sentimental groups; revolution and reform movements; fashion change and corporate behavior through critical interaction. Prerequisite: Sociology 224 (24), 226 (26). Elective: 3, 4.

Sociology 345 (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. Prerequisite: Sociology 226 (26), 261 (161). Elective: 3, 4. MWF 9:20. Mrs. Cheng

Sociology 348 (80) Women in Society 3 credits
Women in the family and society; women in relation to economic production and biological reproduction; education and the emancipation of women; the feminist movement and social change. Prerequisite: Sociology 226 (26), 261 (161). Elective: 3, 4. Miss Chou

THEORY AND METHODOLOGY

Sociology 301 (123) 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. Required: junior majors. Prerequisite: Sociology 221 (21), or 224 (24), or 226 (26). Elective: 3, 4. MWF 2:10. Mr. Huang

Sociology 305-306 (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 numbers; statistical methods and social survey; statistical methods and sociological research.

Required: junior majors. Elective: 3, 4. MW 3:10 Laboratory: T 1:10-4:00. Mr. Cheng

Note: In years when this course is not offered students take Economics 371-372 (11-12) instead.

Sociology 309 (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. Prerequisite: Sociology 224 (24), or 226 (26). Elective: 3, 4. Mr. Chao

Sociology 411-412 (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. Required: senior majors. Prerequisite: 15 credits in Sociology. Elective: 4, 5. MWF 11:20. Mr. Yang

Sociology 421 (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. Prerequisite: 15 credits in Sociology. Elective: 4, 5. MWF 8:00. Mr. Chao

Sociology 424 (91) 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. Prerequisite: 15 credits in Sociology. Elective: 4, 5. Mr. Chao

Sociology 431 & 432 (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. Mr. Yang

Sociology 433 & 434 (133-134) Journal Club 1-1 credits
Individual reports on articles in current sociological journals. Students must secure the permission of the instructor before registering. Elective:

4, 5. Time to be arranged.

Sociology 435 & 436 (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. Required: senior majors in Sociology. Elective: 4, 5. Open only to major students. Mr. Huang & Miss Chou

Sociology 497-498 (199-200) Senior Thesis 2-2 credits

Staff

SOCIAL ADMINISTRATION

Sociology 261 (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 conditions and by what process social disorganization originates, develops, and leads to social reorganization. Prerequisite: Sociology 101-102 (1 or 2). Elective: 2, 3. TThS 10:20. Miss Chou

Sociology 264 (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. Prerequisite: Sociology 101-202 (1 or 2). Elective: 2, 3. TThS 10:20. Miss Chou

Sociology 366 (166) Administration of Social Agencies 3 credits

(1) A general study of the problems of administering a social agency such as determination of policies; personnel management; finance and budget-making; publicity; research; etc; (2) a comparative study of various social agencies in China; (3) an analysis of the systems of public welfare administration in the West. Prerequisite: Sociology 264 (163). Elective: 3, 4. Miss Chou

Sociology 368 (168) Case Work Methods 3 credits

Development of the principles and methods of 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.

Prerequisite: Sociology 264 (163). Elective: 3, 4. MWF 9:20

Mrs. Cheng

Sociology 372 (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 Peiping region will be provided. Prerequisite: Sociology 264 (163). Elective: 3, 4. T 3:10, Th 2:10-4:00. Miss Chou

Sociology 374 (174) Prison Work 3 credits

The theories of punishment, modern penal institutions, and the machinery of justice. Field work in the Peiping region will be provided. Prerequisite: Sociology 264 (163), 327 (57). Elective: 3, 4. Miss Chou

Sociology 375 or 376 (175 or 176) Social Medicine 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 264 (163). Elective: 3, 4.

Sociology 377 (177) Psychiatric Social Work 3 credits

The aim of this course is to give the students some knowledge of the factors of human behavior and the principal measures of treatment and prevention of mental cases. Field work in the Peiping region will be provided. Prerequisite: Sociology 264 (163), 368 (168); Psychology 241-242 (141-142), 219, 332. Elective: 3, 4. T 3:10, Th 2:10-4:00. Miss Chou

Sociology 381 or 382 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. Prerequisite: Sociology 221 (21), or 224 (24), or 226 (26), 261 (161). Elective: 3, 4, 5. Mr. Chao

Sociology 385 (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. Prerequisite: Sociology 226 (26), 261 (161). Elective: 3, 4.

Sociology 479 & 480 (179-180) Seminar in Social Administration 3-3 credits
The content of this course varies from year to year. Special permission from the instructor is necessary for registration. Elective: 4, 5.

Miss Chou

Sociology 491 & 492 (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. Required: senior majors in Social Work. Elective: 4, 5. Open only to major students.

Mrs. Cheng

ETHNOGRAPHY AND SOCIAL HISTORY

Sociology 311 or 312 Ethnography 3 credits

The geographic distribution of ethnic groups and their classification. Descriptive analysis based on monographic reports. Prerequisite: Sociology 221 (21). Elective: 3, 4, 5.

Mr. Yang

Sociology 313 or 314 Frontier Society 3 credits

Frontier society as a sociological concept. Types of frontier societies and their racial and geographic foundations, with special reference to tribal communities and pioneer settlements in the frontier areas of China. Prerequisite: Sociology 221 (21). Elective: 3, 4, 5.

Mr. Huang

Sociology 315 & 316 (137-138) Chinese Social History 2-2 credits

Sources of data and methods of study. Special attention is given to a comparative study of social institutions and their interrelations in the ancient and modern periods. Required: junior majors. Prerequisite: Sociology 101-102 (1 or 2). Elective: 3, 4. ThS 11:20.

Mr. Yang

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

Chang Fo-ch'üan, B. A. Visiting Tutor in Political Science

C. J. Hope-Johnstone Tutor in European History (part-time)

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 be taken depends 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.

The first part of the examination consists of eight papers:

1) Philosophy.

This paper deals chiefly with Western philosophy with emphasis on scientific method and logic.

In addition to the study of a textbook on logic and various works on scientific method, the student read short extracts from important philosophical works. The seminars are largely devoted to a presentation of the history of philosophy.

2) Principles of Sociology and Politics.

In this paper the students are expected to show a knowledge of the backgrounds of Western and Chinese civilizations and of the concepts of society, community, civilization, culture, and state, and to have made some study of social institutions, family, local community, guild, nation, etc.

3) Ethical and Political Theory.

This paper includes a section on Chinese ethical theory, especially that of the *Sung-Ming* period. For comparison, Kant's *Metaphysic of Morals* or a short work by one of the utilitarians is studied.

In political theory the Chinese side covers the schools of *Confucius*, *Lao Tze*, and the legalists such as *Han Fei Tze*. On the Western side it includes readings from Greek and Medieval philosophers and Hobbes, Rousseau, Mill, and various modern authors. The main emphasis is on the development of the democratic state, and if possible the Marxian approach and the theories underlying the fascist states is also considered.

4) Economic Theory.

This paper includes the principles of economics as represented by Marshall's *Principles of Economic* or some similar work and some study of the more important branches of theory including international trade, the theory of money and interest, public finance, etc. Some study may also be made of alternative approaches such as Marxian theory or the institutional views of writers such as Veblen.

5) Social and Political Institutions.

Candidates are expected to show a knowledge of the social and political institutions of modern China, including local government and

constitutional history, and to have some comparative knowledge of Western countries.

6) Economic Organization.

Candidates are expected to have a knowledge of the economic organization of China and to be able to apply their knowledge of economic theory to a discussion of actual economic problems.

7) Chinese Modern Political History.

This paper covers the period from 1800 but assumes a general background of knowledge from the end of the *Ming* period.

8) Comparative Social and Economic History.

The social and economic history of China and that of the West are to be compared in this paper. While it is necessary to have an understanding of the structure of Western capitalism, special attention is paid to those countries with agrarian problems similar to those of China.

SPECIAL PROGRAMS OF STUDY

PRE-ENGINEERING CURRICULUM

Students who are interested in studying engineering may register themselves in the pre-engineering curriculum in either the Department of Chemistry or the Department of Physics. On completing the two years of pre-engineering work if their general average grade is satisfactory they may either transfer over to the Department of Engineering of St. John's University, or take the entrance examination of Hangchow Christian College or any other universities which offer engineering courses. They are not entitled to any degree from Yenching University.

When a student completes the two years of pre-engineering work and finds it impossible to go on with engineering, he may, if his general average grade is satisfactory, obtain permission from either the Department of Chemistry or the Department of Physics to continue two more years in this University for the degree of Bachelor of Science with a "minor" in Pre-engineering.

PRE-MEDICAL CURRICULUM

Students who wish to prepare for the study of medicine may register themselves in the Premedical Curriculum in the Department of Biology. On completing the three years of premedical work if their general average grade is satisfactory they may take the entrance examinations of the Peiping Union Medical College. When they complete the first year of medical work there they are entitled to receive the University degree of Bachelor of Science and when they complete the fifth year of medical work they will receive the M. D. degree from P. U. M. C. Those who enter other medical colleges than P. U. M. C. are not entitled to the University degree.

When a student completes the three years of premedical work and finds it impossible to go on with medicine, he may, if his general average grade is satisfactory, obtain permission from the Department of Biology to continue one more year in this University for the degree of Bachelor of Science.

PRE-NURSING CURRICULUM

The degree of Bachelor of Arts or Bachelor of Science is granted to

students who satisfactorily complete three years at the University and the first two years of the course in nursing at the School of Nursing of the Peiping 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 the Chinese 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 adviser 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 and its abstract must be written in Chinese except in the case of foreign students working on non-Chinese subjects. 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 Examination Committee. No thesis or part of a thesis may be published without the permission of the Dean and the Chairman of the Major Department.

Graduate Examination and Degree: When the thesis and the abstract are accepted by the Examination 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 University as a candidate for the degree of Master of Arts or Master of Science.

EXECUTIVE COMMITTEE

Luh Chih-wei, Ph. D.	<i>Dean of the Graduate Yüan</i>
*William Hung, M.A., S.T.B., D.D.	<i>Chairman, Institute of Arts and Letters</i>
Chenfu F. Wu, Ph. D.	<i>Chairman, Institute of Natural Sciences</i>
Wu Ch'i-yü, Ph. D.	<i>Acting Chairman, Institute of Public Affairs</i>
Kuo Shao-yü	<i>Chairman, Department of Chinese</i>
William H. Adolph, Ph. D.	<i>Chairman, Division of Chemistry</i>
Chao Ch'eng-hsin, Ph. D.	<i>Chairman, Department of Sociology</i>

RESEARCH INSTITUTE OF ARTS AND LETTERS

DIVISION OF HISTORY

**William Hung, M. A., S. T. B., D. D., Chairman	<i>Technique of Historical Research, Bibliography</i>
Philippe de Vargas, Ph. D.	<i>Western History, History of Christianity</i>
Jung Keng	<i>Archaeology, Epigraphy</i>
Teng Chih-ch'eng	<i>Medieval History of China, History of Chinese Political and Economic Systems</i>
Chang Erh-t'ien	<i>Medieval History of China, History of Chinese Literature</i>
Ch'i Ssu-ho, Ph., D.	<i>Ancient History of China, Western History</i>
Wêng Tü-chien, Ph. D.	<i>History of Asia</i>

*On leave of absence, first semester, 1940-1941.

**On leave of absence, first semester, 1940-1941.

RESEARCH INSTITUTE OF NATURAL SCIENCES
DIVISION OF CHEMISTRY

William H. Adolph, Ph. D., Chairman	<i>Biochemistry</i>
Ts'ai Liu-sheng, Ph. D.	<i>Physical Chemistry</i>
*Earl O. Wilson, Sc. D.	<i>Industrial Chemistry</i>
Stanley D. Wilson, Ph. D.	<i>Organic Chemistry</i>
Chang Tzu-kao, B. S.	<i>Inorganic Chemistry</i>
Ch'eng Ching-yü, Ph. D.	<i>Pharmaceutical Chemistry</i>

DIVISION OF BIOLOGY

Chenfu F. Wu, Ph. D., Chairman	<i>Invertebrate Zoology, Entomology</i>
Miss Alice M. Boring, Ph. D.	<i>Ecology and Zoogeography, Comparative Anatomy of The Vertebrates</i>
Li Ju-ch'i, Ph. D.	<i>Experimental Biology, Genetics and Heredity</i>

RESEARCH INSTITUTE OF PUBLIC AFFAIRS
DIVISION OF POLITICAL SCIENCE

Wu Ch'i-yü, Ph. D., Chairman	<i>International Law, Chinese Foreign Relations, Contemporary Diplomacy, Political Thought</i>
Ku Tun-jou, M. A.	<i>Comparative Government, Hsien Government</i>
Hu Yü-chieh, J. S. D.	<i>Civil Law</i>

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.

*On leave of absence, 1940-1941.

DEPARTMENT OF CHINESE

Kuo shao-yü, Chairman	<i>Historical Criticism, History of Chinese Literature</i>
Jung Keng	<i>Archaeology, Epigraphy</i>
Ku Sui, B.A.	<i>Chinese Literature, History of Chinese Literature</i>
Tung Fan, B.A.	<i>Grammar, History of Chinese Buddhism</i>
Wang Ching-ju	<i>Linguistics, Phonology</i>
Ling Ching-yen, M.A.	<i>History of Chinese Drama</i>

DEPARTMENT OF PHILOSOPHY

Yen Chün, M.A., Chairman	<i>Greek Philosophy</i>
Chang Tung-sun	<i>History of Chinese Philosophy, Ancient Chinese Philosophy</i>
*Lucius C. Porter, M.A., L.H.D.	<i>History of Philosophy</i>

DEPARTMENT OF PSYCHOLOGY

Luh Chih-wei, Ph. D., Chairman	<i>Thinking and Memory, Psychology of Language</i>
Randolph C. Sailer, Ph. D.	<i>Personality</i>
Lin Chia-t'ung, Ph. D.	<i>Psychological Statistics</i>
Shen Nai-chang, B.S.	<i>Sensation, Perception</i>

DEPARTMENT OF EDUCATION

Chou Hsiéh-chang, Ph. D., Chairman	<i>Tests in Education, Experiments in Education, Middle School Education</i>
Howard S. Galt, Ed. D.	<i>Philosophy of Education, Sociological Aspects of Education, Curriculum</i>
Ouyang Hsiang, Ph. D.	<i>Primary School Education, Normal School Education, Educational Methods</i>

*On leave of absence, 1940-1941.

DEPARTMENT OF PHYSICS

William Band, M. Sc., Chairman
Ch'ü Sheng-lin, Ph. D.
Chen Shang-yi, Ph. D.
Liu Mou-ling, B. S., B. E. E.

Theoretical Physics
Atomic Physics, X-rays
Spectroscopy

DEPARTMENT OF SOCIOLOGY

Chao Ch'eng-hsin, Ph. D., Chairman

Yang K'un, Ph. D.
Miss Chou Li-ch'iu, M. A.

Chinese Rural Districts, Population,
Social Theories
Ethnology, Family System
Social Disorganization, Case Study

THE SCHOOL OF RELIGION

Chao Tzu-ch'en, M. A., B. D., Litt. D.,

Dean of the School and Professor of
Philosophy of Religion

J. Leighton Stuart, D. D., Litt. D.,

Professor of the New Testament

*William Hung, M. A., S. T. B., D. D.,

Professor of the History of Christianity

Li Jung-fang, M. A., Th. D.,

Professor of the Old Testament

Philippe de Vargas, Ph. D.,

Professor of the History of Christianity

Bliss Wiant, M. A.,

Assistant Professor of Sacred Music

R. Brank Fulton, B. A., B. D.,

Lecturer in Christian Ethics

A. H. Jowett Murray, M. A.

Visiting Lecturer in the New Testament

Mrs. Randolph C. Sailer, M. A.,

Honorary Lecturer in Religious Education

Lü Chen-chung, B. A., B. D.

Research Associate

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, first semester, 1940-1941

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; Religious 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. W. 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.



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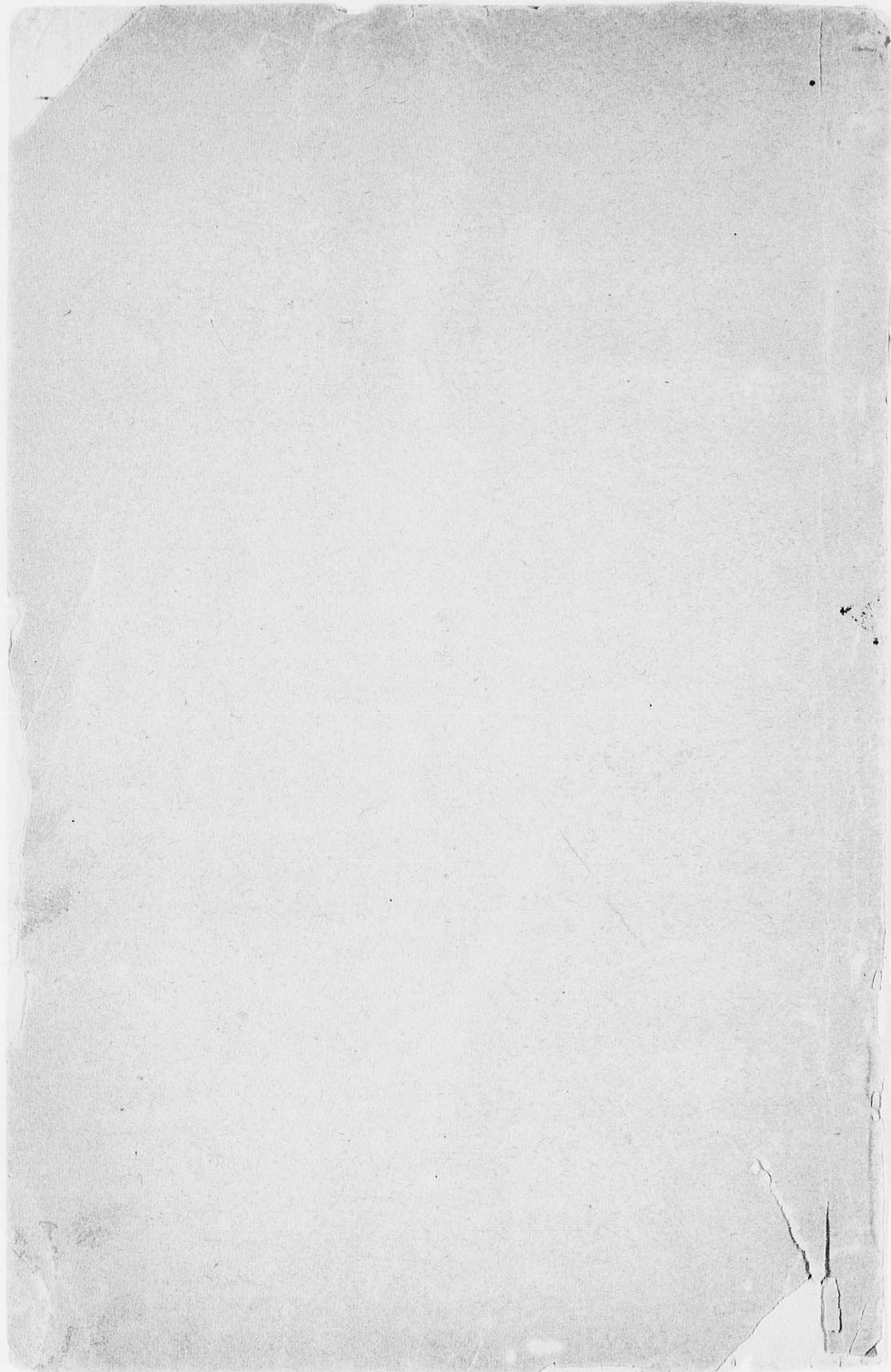
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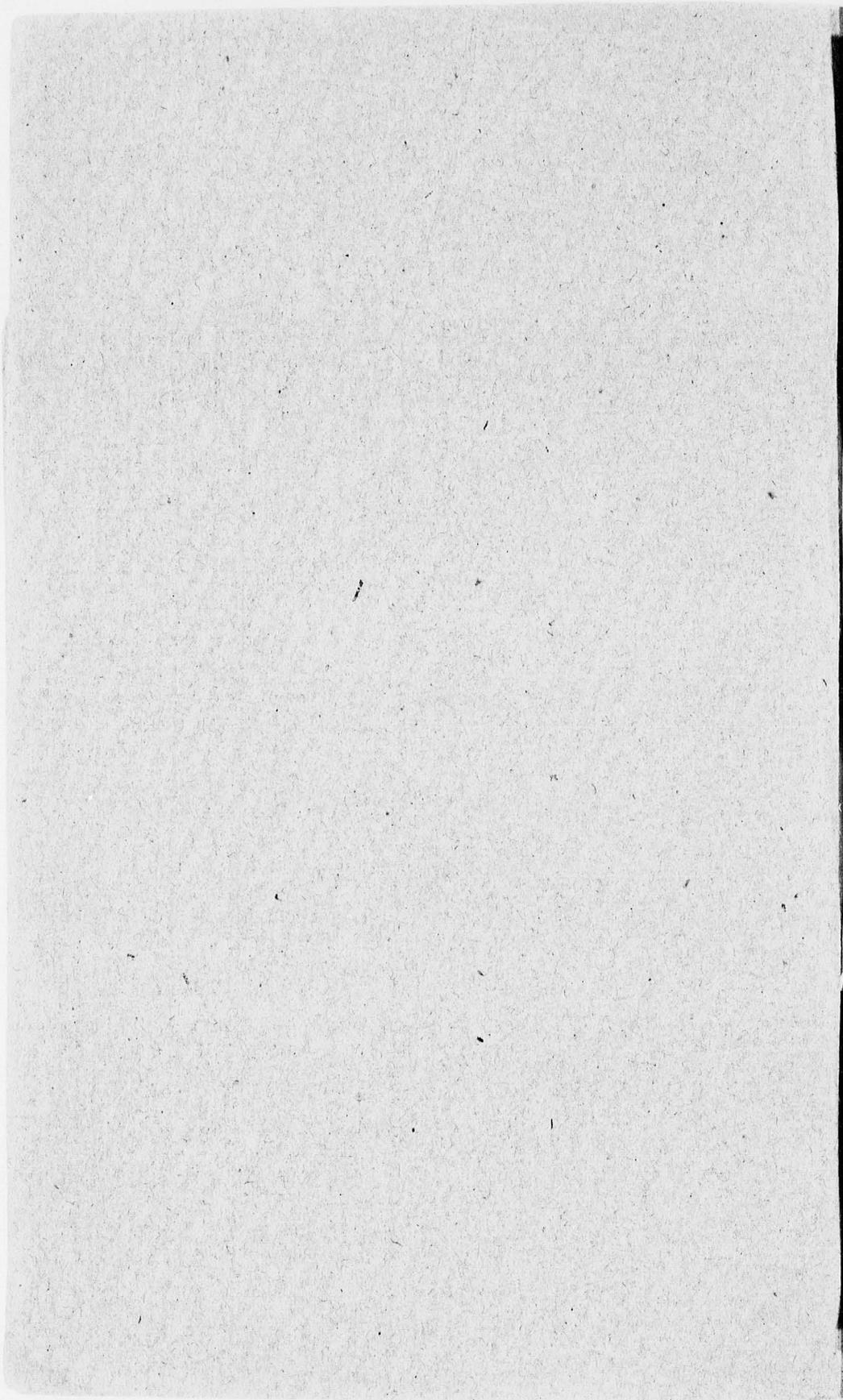
燕 京 大 學
YENCHING UNIVERSITY
BULLETIN

ANNOUNCEMENT OF COURSES
1947—1948



VOLUME XXVII—NUMBER 10
Peiping, China
January, 1948

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ACADEMIC CALENDAR 1947-1948

FALL SEMESTER

Fall semester begins.....Sept. 8 (Mon.)
Dormitories open to studentsSept. 8 (Mon.)
New students to report to Admissions BureauSept. 8-9 (Mon.-Tues.)
Freshman weekSept. 8-12 (Mon.-Fri.)
Exemption and placement testsSept. 11 (Thurs.)
RegistrationSept. 11-12 (Thurs.-Fri.)
Opening convocation.....Sept. 15 (Mon.)
Class work begins.....Sept. 15 (Mon.)
Late registration with fee.....Sept. 15-17 (Mon.-Wed.)
Change of courses without feeSept. 15-20 (Mon.-Sat.)
Last day for taking make-up examinations.....Sept. 20 (Sat.)
Change of courses with fee.....Sept. 22-25 (Mon.-Thurs.)
National holiday.....Oct. 10 (Fri.)
Sun Yat Sen's birthday anniversary holidayNov. 12 (Wed.)
Last day for handing in freshman mid-semester
grades to Registration Bureau.....Nov. 22 (Sat.)
University Anniversary holiday.....Dec. 25 (Thurs.)
New Year holiday.....Jan. 1-2 (Thurs.-Fri.)
Fall semester examinations and exemption and
placement tests.....Jan. 8-14 (Thurs.-Wed.)
Winter recessJan. 15-Feb. 26 (Thurs.-Wed.)

SPRING SEMESTER

Spring semester begins.....Feb. 27 (Fri.)
RegistrationFeb. 27-28 (Fri.-Sat.)
Class work beginsMar. 1 (Mon.)
Late registration with fee.....Mar. 1-3 (Mon.-Wed.)
Change of courses without fee.....Mar. 1-6 (Mon.-Sat.)
Last day for taking make-up examinations.....Mar. 6 (Sat.)
Change of courses with fee.....Mar. 8-11 (Mon.-Thurs.)
Sun Yat Sen's memorial day holidayMar. 12 (Fri.)
Leaders of revolution memorial day holiday.....Mar. 29 (Mon.)
Hsiao-yu home-coming day holiday.....Apr. 24 (Sat.)
Last day for handing in master's thesis to
Graduate Division.....May 8 (Sat.)
Last day for handing in senior thesis to Chairman
of Department.....May 29 (Sat.)
Last day for handing in senior thesis to Dean of
CollegeJune 7 (Mon.)
Spring semester examinationsJune 19-26 (Sat.-Sat.)
Baccalaureate Sunday.....June 27 (Sun.)
Class Day.....June 28 (Mon.)
Commencement.....June 29 (Tues.)

There is a constant demand from various sources for a bulletin which will give some idea of the scope of the curricula offered by the University in recent years. For the present it is considered advisable to issue only an abbreviated announcement of courses, since the University is considering possible revisions of curriculum plans to meet post-war needs and conditions as well as changes in each Department.

The following paragraphs present a cursory but fairly comprehensive outline of the programs of instruction offered in the different Colleges, and of the academic and professional opportunities that are open to students.

Issued in separate bulletins are: The Administrative Officers and Faculty, Courses of Study in the School of Religion, Student Regulations, and entrance information for various classes of students. Requests for copies should be addressed to the Director of Studies, Yenching University, Peiping, China.

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COURSE NUMBERS AND TYPES OF COURSES

Every course offered in the University has a specified course number and a descriptive title. The principles underlying the numbering of courses are as follows :

<i>Courses</i>	<i>Course numbers</i>
Open to freshman and upper-class students	101-199
Open to sophomore and upper-class students	201-299
Open to junior and upper-class students	301-399
Open to senior and graduate students	401-496
Senior thesis	497-498
Open to graduate students only	501-596
Graduate thesis	597-598

Type A. Numbers such as Chinese 227, Psychology 246, indicate that the course is completed in one semester, odd numbers designating courses offered in fall semesters and even numbers, courses offered in spring semesters.

Type B. Numbers such as Chemistry 101 or 102 indicate that the course is a semester course offered in both semesters.

Type C. Numbers such as Chinese 101-102 indicate that the course is a year course and that no credit will be given unless both semesters have been completed.

Type D. Numbers such as Chemistry 321-322* indicate that the course is a year course but that credit will be given for the first semester without the second and that the second semester may not be taken without the first.

Type E. Numbers such as History 153 & 154 indicate that the course is a year course but that credit will be given for either semester taken alone ; the first semester may be taken without the second and vice versa.

Type F. Numbers such as French 101-102-, French -205-206 indicate that the course covers two academic years and that no credit will be given unless both years have been completed.

**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. Any student who obtains a grade of less than 5 in Chinese 102 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.
- 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 102 is required to take English 203-204.
- C. A laboratory course in natural science in any of the following subjects: Physics, Chemistry, or Biology.
- D. A year-course in Political Science, Economics, or Sociology.
- E. Six credits in Philosophy, Psychology, or Education.
- F. 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.
- G. Required Physical Education during the freshman, sophomore, and junior years, a total of six credits.
- H. Free electives.

Students are advised to take a second year of Chinese or of English (sophomore year); or two years of a second foreign language: Russian, French or German.

The individual program for each student should be based on this general program, but planned by the student and the Chairman of his major Department 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.

COLLEGE REQUIREMENTS FOR THE BACHELOR'S DEGREE

College	Arts and Letters	Public Affairs
	Credits	Credits
Chinese	6	6
English	8	8
Physical Education	6	6
Education	} 6	-
Philosophy or Psychology		6
History	6	-
Physics, Chemistry, or Biology †	6	6
Political Science, Economics, or Sociology	6	12
Major	32 - 68	48 - 68
Minor or Correlated Subjects	16 - 24	16 - 24
Electives and Department Requirements	50 - 6	34 - 6
Total	142	142

College	Natural Sciences
	Credits
Chinese	8
English	16
Physical Education	6
Mathematics 101-102	6
Physics 101-102 (3-3 credits)	} 10 - 11
Chemistry 101 or 102 (5 credits)	
Biology 101 or 102 (5 credits)	
History, Philosophy, Psychology, or Education*	6
Political Science, Economics, or Sociology	6
Major	32 - 50
Minor or Correlated Subjects	12 - 24
Special Requirements and Electives	40 - 9
Total	142

† For the Academic Year 1947-48, this requirement may be substituted by Mathematics.

* By special permission, a student may be allowed to take advanced courses in Chinese or English, or courses in Russian, French, or German.

FRESHMAN CURRICULUM PLANS

College of Arts and Letters and College of Public Affairs

	Credits	
Group A		8-8
Chinese 101-102	3-3	
English 101-102	4-4	
Physical Education	1-1	
Group B (See Note A)		3-3
Physics 111-112 (See Note B)	3-3	
Chemistry 103-104 (See Note B)	3-3	
Biology 103-104	3-3	
Group C		3-3
History 101-102	3-3	
History 145 & 146, 153 & 154	3 & 3	
Philosophy 101 or 102, 103 or 104	3	
Psychology 101 or 102	3	
Psychology 110 (See Note B)	3	
Education 101 or 102 (See Note B)	3	
Journalism 101-102 (See Note C)	2-2	
Group D		3-3
Political Science 101-102	3-3	
Economics 101-102	3-3	
Sociology 101-102	3-3	
Group E		3-3
Freshman courses offered in the College of Arts and Letters or the College of Public Affairs		
Freshman courses offered in the College of Natural Sciences (See Note D)		
Total		20-20

Note :

- A. For the Academic Year 1947-48, this requirement may be substituted by Mathematics 103-104, 3-3 credits.
- B. This course is not offered in the Academic Year 1947-48.
- C. Only students in the College of Public Affairs may take this course as fulfilling the requirement in this group ; when taken, the total will be 19-19 credits.
- D. Before electing a course, special permission of the Deans' Committee has to be secured.

College of Natural Sciences

		Credits	
Group A		8-8	8-8
Chinese 101-102	3-3		
English 101-102	4-4		
Physical Education	1-1		
Group B (2 courses) (See Note A)		8-3	5-5
Physics 101-102	3-3		
Chemistry 101 or 102	5		
Biology 101 or 102	5		
Group C (See Note B)		3-3	3-3
Mathematics 101-102	3-3		
Group D		0-6	3-3
Freshman courses offered in the College of Arts and Letters or the College of Public Affairs, with the exception of courses in Journalism and Music			
Freshman courses offered in the College of Natural Sciences			
Total		19-20	19-19

Note :

- A. Besides Physics, students intending to major in the Pre-medical Program are required to take Biology during the Fall Semester and Chemistry during the Spring Semester. Students intending to major in the Industrial Training Program are required to take Chemistry during the Fall Semester and Engineering Drawing and an elective during the Spring Semester.
- B. By special permission of the Dean, this requirement may be substituted by Mathematics 103-104.

COURSES OF INSTRUCTION

The Chinese language is the medium of instruction in most courses taught by Chinese members of the Faculty. Courses offered by Western instructors are 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.

COLLEGE OF ARTS AND LETTERS

Department of Chinese

The Major: The major in Chinese must choose his courses in consultation with the Chairman of the Department.

Special Requirement: Sophomore English.

Chinese 101-102	Freshman Chinese 第一年級國文	3-3	
Required: all freshman students. <i>Sec A, B</i> MWF 9:20, <i>Sec C, D, E</i> MWF 10:20, <i>Sec F</i> MWF 11:20, <i>Sec G, H</i> TThS 9:20.			
			Staff
Chinese 201-202	Sophomore Chinese 第二年級國文	3-3	
Required: all sophomore students with a grade of below 5 in Chinese 102.			
Prerequisite: Chinese 101-102. MWF 8:00.			
			Mr. Yen
Chinese 204	Modern Chinese Poetry 新詩	3	
Elective: 2, 3, 4. MWF 2:10.			
			Mr. Lin
Chinese 215-216	Selected Poems 歷代詩選	3-3	
Elective: 2, 3, 4. MWF 3:10.			
			Mr. Lin
Chinese 225	<i>Tso Chuan</i> 左傳選讀	3	
Elective: 2, 3, 4. TS 10:20, S 9:20.			
			Mr. Liang
Chinese 227	<i>Shih Chi</i> 史記選讀	3	
Elective: 2, 3, 4. MWF 11:20.			
			Mr. Liang
Chinese 238	<i>Lun Yu</i> and <i>Meng Tzu</i> 論孟選讀	3	
Elective: 2, 3, 4. MWF 11:20.			
			Mr. Liang
Chinese 252	Scholastic History of the <i>Ch'ing</i> Dynasty 清代學術史	3	
Elective: 2, 3, 4. TS 10:20, S 9:20.			
			Mr. Liang
Chinese 255-256	A Study of the Works of <i>T'ao Yuan Ming</i> and <i>Tu Fu</i> 陶杜詩研究	3-3	
Elective: 2, 3, 4. MWF 8:00.			
			Mr. Chao
Chinese 259-260	History of Chinese Literature 中國文學史	3-3	
Elective: 2, 3, 4. MWF 1:10.			
			Mr. Lin
Chinese 261-262	Paleography 文字學	3-3	
Elective: 2, 3, 4. M W 4:10, M 5:10.			
			Mr. Ch'en

Chinese 263-264	Linguistics 語言學	3-3	
Required: majors. Elective: 2, 3, 4. TThS 11:20.			
			Mr. Kao
Chinese 345	<i>Han Fei Tzu</i> 韓非子選讀	3	
Elective: 3, 4. MWF 10:20.			
			Mr. Liang
Chinese 346	<i>Hsun Tzu</i> 荀子選讀	3	
Elective: 3, 4. MWF 10:20.			
			Mr. Liang
Chinese 347-348	Historical Literature 史文	2-2	
Elective: 3, 4. Th 3:10, 4:10.			
			Mr. Teng
Chinese 349	<i>Ch'u Tzu</i> 楚辭	3	
Elective: 3, 4. MWF 2:10.			
			Mr. Lin
Chinese 391-392	Studies in Chinese Grammar 漢語語法研究	3-3	
Elective: 3, 4, 5. TThS 9:20.			
			Mr. Kao
Chinese 497-498	Senior Thesis 畢業論文	2 to 6	
Required: majors. Time to be arranged.			
			Staff
Japanese 101-102	Elementary Japanese 初級日文	3-3	
Elective: 1, 2, 3, 4. MTWTh 3:10.			
			Miss Torii

Department of Western Languages

In order to major in Western Languages a student must have a grade of at least 5 in English 102.

In order to continue the major a student must have a grade of at least 5 in English 205-206.

English 101-102, French 101-102 and -205-206, German 221-222, and Russian 101-102 and -205-206 do not count as part of the major credits.

The Major: At least 48 credits in English, including the following:

English 205-206 (unless exempted)

(Students exempted from English 205-206 are required to take only 40 additional credits.)

English 211-212	Introduction to Linguistics
English 231-232	General Survey of Western Literature
English 317-318	Advanced Composition
English 321-322	Translation
English 497-498	Senior Thesis

Correlated Subjects: At least 12 credits chosen with the approval of the Chairman of the Department from Chinese, History, Philosophy, Psychology, Education, Music, Political Science, Economics, Sociology, or from advanced courses in French, German, or Russian.

- English 101-102 Freshman English 4-4
 Required: all freshman students. *Sec A-F* MTWThF 10:20, *Sec G-J* MTWThF 11:20. Staff
- English 105 Freshman English 4
 Required: all freshman students who took English 104 in the Spring Semester of 1947. MTWThF 10:20. Mr. Overzet
- English 203-204 Sophomore English 4-4
 Prerequisite: English 101-102. Required: all sophomore students with a grade of below 5 in English 102, and transfers who are required to take it. *Sec A,B* MTWTh 9:20, *Sec C,D* MTWTh 11:20. Staff
- English 205-206 Sophomore English 4-4
 Prerequisite: English 101-102. Required: all majors and all sophomore students who are required to take Sophomore English by their College or major Department. *Sec E,F* MTWTh 9:20, *Sec G-J* MTWTh 11:20. (*E*: Literature, Arts and Letters—all those exempted from English 101-102; *F*: Public Affairs and Journalism; *G*: Western Languages Department majors—all those exempted from English 101-102, Arts and Letters; *H*: Science; *I*: Science and Pre-nursing; *J*: Pre-medical; *K*: Public Affairs; *L*: Journalism, History, Political Science). Staff
- English 211-212 Introduction to Linguistics 3-3
 First semester: Phonetics; Second semester: Linguistics. Prerequisite: a grade of 5 or above in English 102 or its equivalent. Required: majors. Elective 2, 3, 4. Not offered 1947-48.
- English 231-232 (1946-47: 233-234) 1-1
 General Survey of Western Literature
 Prerequisite: English 101-102. Required: majors. Elective: 2, 3, 4. *Sec A* T 10:20, *Sec B* Th 10:20. Miss Boynton
- English 235-236 Ancient Literature: Greek, Latin, and Hebrew 3-3
 Prerequisite: English 205-206 or permission of the Chairman of the Department and the Instructor. Elective: 2,3,4. MWF 11:20. Mr. Porter

- English 317-318 Advanced Composition and Study of the Development of Modern English Prose Style 3-3
 Prerequisite: English 205-206 or equivalent, and a grade of 5 or above in English 206. Required: majors. Elective: 3, 4. *Sec A,B* TTh 11:20. Mrs. Ho & Mrs. Bottorff
- English 321-322 Translation 3-3
 Prerequisite: English 205-206. Required: majors. Elective 3, 4. Not offered 1947-48.
- English 325-326 Methods of Teaching English 2-2 or 3-3
 Prerequisite: English 205-206, and 211-212 or its equivalent. Recommended: majors. Elective: 3, 4. Lect: T 10:20; Discussion and Practice Teaching: time to be arranged. Miss Cochran
- English 335-336 Medieval and Renaissance Literature 3-3
 Prerequisite: English 205-206. Elective: 3, 4. MWF 8:00. Miss Cochran
- English 337-338 Shakespeare 3-3
 Prerequisite: English 205-206 or permission of the Instructor. Elective: 3, 4. MWF 10:20. Mr. Breece
- English 339 Neo-classic Literature (1650-1750) 3
 Prerequisite: English 205-206, and 231-232. Elective: 3, 4. MWF 9:20. Miss Boynton
- English 340 Romantic Literature (1750-1850) 3
 Prerequisite: English 205-206. Elective 3, 4. Not offered 1947-48.
- English 341 Victorian, European, and American Literature (1850-1900) 3
 Prerequisite: English 205-206. Elective: 3, 4. TThS 9:20. Mrs. Hughes
- English 342 Modern Literature (1900-) 3
 Prerequisite: English 205-206 or permission of the Instructor. Elective: 3, 4. MWF 9:20. Miss Boynton
- English 343 & 344 English and American Poetry 3 & 3
 Prerequisite: English 205-206. Elective 3, 4. English 343 is not offered in the Fall Semester, 1947; English 344 will be offered in the Spring Semester, 1948. TThS 9:20. Mrs. Hughes
- English 345-346 Indian and Persian Literature in Translation 3-3
 Prerequisite: English 205-206. Elective 3, 4. Not offered 1947-48.

English 497-498	Senior Thesis	I-1
Required: majors. For honors students this course will be in the form of seminar in which there will be presentation and discussion of research papers; for others, 1 credit for a research paper in any chosen literature course will be required. Every other Wednesday 4-6. Staff		
Russian 101-102-	Elementary Russian	3-3
Elective: 1, 2, 3. M 5:10 TTh 4:10. Miss Liang		
Russian -205-206	Second-year Russian	3-3
Prerequisite: Russian 101-102-. Elective: 2, 3, 4. M 4:10 TTh 1:10. Miss Liang		
French 101-102-	Elementary French	4-4
Elective: 1, 2, 3. MTWThF 2:10. Mr. Reclus		
French -205-206	Second-year French	3-3
Prerequisite: French 101-102-. Elective: 2, 3, 4. MWF 3:10. Mr. Reclus		
French 221-222	Advanced French	2-2
Prerequisite: French -205-206 or its equivalent. Elective: 2, 3, 4. TTh 3:10. Mr. Reclus		
German 221-222	Reading Knowledge of German	3-3
Prerequisite: permission of the Instructor. Elective: 2, 3, 4. TThS 9:20. Mr. Wolferz		
German 225-226	Advanced German	3-3
Prerequisite: German 221-222 or its equivalent. Elective 2, 3, 4. TThS 8:00. Mr. Wolferz		

Department of History

The Major: 40 to 68 credits in History, including the following:

History 101-102	General History of China
History 145 & 146, or 153 & 154	General European History, or Contemporary Western History
History 231-232	General History of Asia
History 272	Historical Method
History 375	Advanced Historical Method
History 497-498	Senior Thesis
Special Requirement:	Sophomore English.

I. CHINESE HISTORY

History 101-102	General History of China	3-3
Required: majors. Elective: 1, 2, 3, 4. MWF 9:20. Mr. Nieh		
History 205	History of the <i>Shang</i> and <i>Chou</i> Dynasties	3
Elective: 2, 3, 4. MWF 10:20. Mr. Ch'i		
History 206	History of the <i>Ch'un-ch'iu</i> and <i>Chan-kuo</i> Periods	3
Elective: 2, 3, 4. MWF 10:20. Mr. Ch'i		
History 209-210	The <i>Ch'in</i> and <i>Han</i> Dynasties	2-2
Prerequisite: History 101-102. Elective: 2, 3, 4. TTh 8:00. Mr. Teng		
History 211-212	The <i>Wei</i> , <i>Tsin</i> , Southern and Northern Dynasties	2-2
Prerequisite: History 101-102. Elective: 2, 3, 4. TTh 8:00. Not offered 1947-48. Mr. Teng		
History 213-214	The <i>Sui</i> , <i>T'ang</i> and Five Dynasties	2-2
Prerequisite: History 101-102. Elective: 2, 3, 4. TTh 11:20. Mr. Teng		
History 215	The <i>Sung</i> Dynasty	3
Prerequisite: History 101-102. Elective: 2, 3, 4. MWF 11:20. Not offered 1947-48. Mr. Nieh		
History 218	The <i>Liao</i> , <i>Chin</i> , and <i>Yuan</i> Dynasties	3
Prerequisite: History 101-102. Elective: 2, 3, 4. TThS 9:20. Not offered 1947-48. Mr. Weng		
History 219-220	The <i>Ming</i> and <i>Ch'ing</i> Dynasties	2-2
Prerequisite: History 101-102. Elective: 2, 3, 4. TTh 11:20. Not offered 1947-48. Mr. Teng		
History 225	History of Chinese Civil Examinations	3
Prerequisite: History 101-102. Elective: 2, 3, 4. MWF 11:20. Mr. Nieh		
History 226	History of Chinese Political Institutions	3
Prerequisite: History 101-102. Elective: 2, 3, 4. MWF 11:20. Mr. Nieh		
History 501-502	Seminar in Chinese History	2-2
Required: first year graduate students. Time to be arranged. Mr. Teng		

II. ASIATIC HISTORY

History 231-232	General History of Asia	3-3	
Required: majors. Elective: 2, 3, 4. Not offered 1947-48. Mr. Weng			
History 235 & 236	Modern History of East Asia	3 & 3	
Elective: 2, 3, 4. TThS 10:20. Mr. Weng			
History 237-238	History of India	2-2	
Elective: 2, 3, 4. Not offered 1947-48. Mr. Ch'en			
History 239-240	History of Japan	2-2	
Elective: 2, 3, 4. Not offered 1947-48.			
History 243	History of Buddhism	3	
Elective: 2, 3, 4. MWF 9:20. Mr. Ch'en			
History 323	Seminar in History and Languages of Central Asia	2	
Elective: 3, 4. Time to be arranged. Mr. Weng			

III. WESTERN HISTORY

History 145 & 146	General European History	3 & 3	
Required: majors without History 153 & 154. Elective: 1, 2, 3. MWF 9:20. Miss Burtt			
History 153 & 154	Contemporary Western History	3 & 3	
Required: majors without History 145 & 146. Elective: 1, 2, 3, 4. MWF 8:00. Mr. Ch'i			
History 245	Survey of Western Civilization	3	
Elective: 2, 3, 4. TThS 9:20. Mr. Scott			
History 249	Expansion of Europe	3	
Elective: 2, 3, 4. TThS 10:20. Mr. Scott			
History 253 & 254	European History of the 19th Century	3 & 3	
Elective: 2, 3, 4. MWF 2:10. Miss Burtt			
History 255-256	History of England	3 3	
Elective: 2, 3, 4. Not offered 1947-48. Miss Burtt			
History 257 & 258	History of the United States	2 & 2	
Elective: 2, 3, 4. Th 2:10-4:00. Mr. Ch'i			
History 259-260	History of Russia	2-2	
Elective: 2, 3, 4. T 2:10-4:00. Mr. Weng			

History 365-366	History of Christianity	2-2	
Elective: 3, 4. Not offered 1947-48. Mr. de Vargas			
History 369	Cultural Relations between China and the West	3	
Elective: 3, 4. MWF 9:20. Mr. de Vargas			
History 503-504	Seminar in Western History	2-2	
Required: first year graduate students. Not offered 1947-48. Mr. Ch'i			

IV. HISTORIOGRAPHY AND AUXILIARY SCIENCES

History 272	Historical Method	2	
Required: majors. Elective: 2, 3, 4. Th 2:10-4:00. Mr. Weng			
History 274	Historical Exercise	2	
Elective: 2, 3, 4. Not offered 1947-48. Mr. Hung			
History 371	Seminar in Western Historiography	2	
Elective: 3, 4. Time to be arranged. Mr. Scott			
History 375	Advanced Historical Method	2	
Prerequisite: History 272. Required: majors. Elective: 3, 4. Not offered 1947-48. Mr. Hung			
History 287-288	Pre-historic Archaeology	2-2	
Not offered 1947-48.			
History 289-290	Archaeological Exploration in Palestine	1-1	
Elective: 2, 3, 4. Th 1:10. Mr. Li			
History 497-498	Senior Thesis	1 to 4	
Required: majors. Staff			
History 597-598	Graduate Thesis	1 to 4	
Required: majors. Staff			

Department of Philosophy

The Majors: 42 to 60 credits in Philosophy, including the following:	
Introductions	
Philosophy 101 or 102	Philosophy and Life Ideal
Philosophy 103 or 104	General Logic
Histories	
Philosophy 271-272	History of Chinese Philosophy

Philosophy 273-274
 Philosophy 275-276, or
 Philosophy 277
 Philosophy 285-286

Schools (one course from each group)

Philosophy 221
 Philosophy 222
 Philosophy 239
 Philosophy 240
 Philosophy 343 & 344
 Philosophy 279
 Philosophy 280
 Philosophy 281 & 282

History of Western Philosophy
 History of Indian Philosophy
 Medieval Philosophy
 Contemporary Philosophy

Plato
 Aristotle
 Locke, Berkeley, Hume
 Descartes, Spinoza, Leibnitz
 Kant and Hegel
 Philosophy of the *Ju* School
 Philosophy of the *Tao* School
 Neo-Confucianism

Topics (one course from each group)

Philosophy 329
 Philosophy 330
 Philosophy 278
 Philosophy 341
 Philosophy 342
 Philosophy 383
 Philosophy 477

Epistemology
 Metaphysics
 Philosophy of Religion
 Ethics
 Aesthetics
 Western Social and Political Thinking
 Comparative Philosophy

Thesis

Philosophy 497-498

Senior Thesis

Correlated Subjects: 21 to 24 credits, including one course from each of the following groups:

History 101-102
 History 145 & 146
 Psychology 101 or 102
 Biology 103-104
 Physics 111-112
 Chemistry 103-104
 Sociology 101-102
 Economics 101-102

General History of China
 General European History
 General Psychology
 Human Biology
 Practical Physics
 Chemistry and Its Application
 An Introduction to the Science of Society
 Elementary Economics

The Combined Major: By arrangement with the Departments of Chinese, Education, Psychology, 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 concerned 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.

Elective Courses: Besides the elective courses offered by the Department, the following courses will be considered as major electives:

Chinese 238	<i>Lun Yü and Meng Tzu</i>
Chinese 345	<i>Han Fei Tzu</i>
Chinese 346	<i>Hsün Tzu</i>

Chou I, Lao Tzu, Chuang Tzu, Mo Tzu, and Philosophy of Education, when offered, will come under this group.

I. INTRODUCTIONS

Philosophy 101 or 102	Philosophy and Life Ideal	3 or 3
Required: majors. Elective: 1, 2, 3. TThS 8:00. Mr. Chang or Mr. Mei		
Philosophy 103 or 104	General Logic	3 or 3
Required: majors. Elective: 1, 2. MWF 8:00. Mr. Chang or Mr. Mei		

II. HISTORIES

Philosophy 179	The Pulse of Chinese Thought	3
Elective: foreign students.		Mr. Porter
Philosophy 271-272	History of Chinese Philosophy	3-3
Required: majors. Elective: 2, 3, 4. MWF 11:20. Messrs. Chang & Mei		
Philosophy 273-274	History of Western Philosophy	3
Required: majors. Elective: 2, 3, 4. TThS 9:20.		Mr. Chang
Philosophy 275-276	History of Indian Philosophy	3-3
Elective: 2, 3, 4.		Mr. Porter
Philosophy 277	Medieval Philosophy	3
Elective: 2, 3, 4.		Mr. Chao

Philosophy 285-286 Contemporary Philosophy 3-3
 Required: majors. Prerequisite: Philosophy 101 or 102, or 273-274.
 Elective: 2, 3, 4. Mr. Chang

III. SCHOOLS

Philosophy 221 Plato 2
 Prerequisite: Philosophy 273. Elective: 2, 3, 4, 5. Mr. Porter

Philosophy 222 Aristotle 2
 Prerequisite: Philosophy 273. Elective: 2, 3, 4, 5. Mr. Porter

Philosophy 239 Locke, Berkeley, Hume 2
 Prerequisite: Philosophy 273-274. Elective: 2, 3, 4. Mr. Chang

Philosophy 240 Descartes, Spinoza, Leibnitz 2
 Prerequisite: Philosophy 273-274. Elective: 2, 3, 4. Mr. Chang

Philosophy 279 Philosophy of the *Ju* School 2
 Elective: 2, 3, 4. Mr. Chang or Mr. Mei

Philosophy 280 Philosophy of the *Tao* School 2
 Elective: 2, 3, 4. Mr. Chang or Mr. Mei

Philosophy 281 & 282 Neo-Confucianism 3
 Elective: 2, 3, 4. Mr. Chang or Mr. Mei

Philosophy 343 & 344 Kant and Hegel 3
 Prerequisite: Philosophy 273-274. Elective: 3, 4, 5. Mr. Chang

IV. TOPICS

Philosophy 278 Philosophy of Religion 3
 Elective: 2, 3, 4, 5. Mr. Porter or Mr. Chao

Philosophy 283-284 The Place of Christianity in Human Culture 3-3
 Elective: 2, 3, 4. Mr. Chao

Philosophy 329 Epistemology 3
 Elective: 3, 4, 5. Mr. Chang

Philosophy 330 Metaphysics 3
 Elective: 3, 4, 5. Mr. Chang

Philosophy 341 Ethics 3
 Elective: 3, 4. Mr. Chang or Mr. Mei

Philosophy 342 Aesthetics 3
 Prerequisite: Philosophy 101 or 102. Elective: 3, 4.

Philosophy 349-350 Christian Ethics 2-2
 Prerequisite: Philosophy 341. Elective: 3, 4. Mr. Porter

Philosophy 383 Western Social and Political Thinking 3
 Elective: 3, 4, 5. MWF 3:10. Mr. Porter or Mr. Chang

Philosophy 477 Comparative Philosophy 3
 Elective: 4, 5. Mr. Porter

V. THESIS

Philosophy 497-498 Senior Thesis 2 to 6
 Required: majors. Staff

Philosophy 597-598 Graduate Thesis Staff
 Required: majors.

Department of Psychology

The Major: A minimum of 32 credits in Psychology, including the following:

Psychology 101 or 102	General Psychology
Psychology 205	Experimental Psychology I
Psychology 206	Experimental Psychology II
Psychology 217	Elements of Statistics
Psychology 305-306	Systematic Psychology
Psychology 497-498	Senior Thesis

Correlated Subjects: Major students must elect a sequence of at least 20 credits in a correlated subject, preferably Biology, Physics, Mathematics, Education, or Sociology. These courses must be elected under the supervision of the Chairman of the Department.

Psychology 101 or 102 General Psychology 3
 Required: majors. Elective: 1, 2, 3, 4. TThS 8:00. Mr. Shen

Psychology 205 Experimental Psychology I 4
 Prerequisite: Psychology 101 or 102. Required: majors. Elective: 2, 3, 4.
 Lect: MWF 11:20; Lab: M 1:30-5:00. Mr. Shen

Programs will be arranged by the Department in accordance with the needs of individual students. Emphasis will be placed on actual contact with the Practice School. All majors will be required to take Education 245 & 246, School Observation and Practice, for at least one year. Education 393 & 394, Practice Teaching, is required for those without extensive teaching experience. Of the 104 credits required in the upper-class years, it is expected that at least 60 credits will be taken in courses fitting into the vocational aim, though many of these may be given in other Departments. The Child Welfare Training Program is described on P. 54; the requirements for Pre-nursing students classified as majors in Education are given on Pp. 49-50.

Education 101 or 102	Introduction to Education	3
Elective: 1, 2, 3, 4. Not offered 1947-48.		
Education 116	Educational Psychology	3
Prerequisite: Psychology 101 or 102. Not offered 1947-48.		
Education 133	Introduction to Rural Education	3
Not offered 1947-48.		
Education 203-204*	Educational Administration	2-2*
Elective: 2, 3, 4. W 10:20-12:10. Mr. Chang		
Education 226	Secondary Education	3
Time to be arranged. Miss Yüan		
Education 230	Elementary Education	2
Not offered 1947-48.		
Education 239-240	Educational Sociology	3-3
Not offered 1947-48. Mr. Liao		
Education 245 & 246	School Observation and Practice	3 to 9
Major Professional Course		
Required: majors, 2, 3, 4. Elective with permission: minors, 3, 4.		
Time to be arranged. Mr. Sailer and Mrs. Chao		
Education 249	Comparative Education	3
Not offered 1947-48.		
Education 256	Educational Tests and Measurements	3
Not offered 1947-48.		
Education 282	Philosophy of Education	3
Mr. Sailer and lecturers		

Education 336	Methods of Teaching	3
Not offered 1947-48.		
Education 393 & 394	Practice Teaching	3 & 3
Required: majors 3, 4. Time to be arranged. Staff		
Education 497-498	Senior Thesis	2 to 4
Required: majors. Time to be arranged. Staff		

Department of Music

The Major: A major may choose either Applied Music (Piano or Voice) or Theory (Teaching, Research, or Composition). General requirements for all majors are as follows:

Music 101 & 101	Piano
Music 121-122	First Year Theory
Music 221-222	Second Year Theory
Music 321-322	Third Year Theory
Music 151 or 152	Introduction to Music
Music 154	History of Music
Music 355-356	Comparative Music
Music 497-498	Senior Thesis or Graduation Recital

Additional requirements for majors in Applied Music:

A. Piano—Music 201 & 202, 301 & 302	Piano
Music 303-304	Piano Teaching Method
B. Voice—Music 107 & 108, 209 & 210	Voice
Music 305-306	Theory and Practice of Conducting

Additional requirements for majors in Theory:

Music 329-330	Advanced Theory and Analysis
Music 333-334	Composition
one course from the following:	
Music 307-308	Teaching of Music Theory
Music 357-358	Seminar in Music History
Music 433-434	Advanced Composition

The Combined Major: Qualified students may take a combined major in both Departments of Education and Music. The fundamental courses in both

Departments should be elected ; thereafter, the remainder of the course of study will have to be arranged in consultation with the Chairmen concerned.

Special Requirements : A second year of both Chinese and English.

Correlated Subjects : Majors are required to take from 16 to 24 credits in a correlated subject approved by the Chairman of the Department.

I. APPLIED MUSIC AND TEACHING METHODS

Music 101 & 102	First Year Piano	2 & 2
	Prerequisite: permission of the Chairman of the Department.	
	Required: majors. Time to be arranged.	Miss Stahl
Music 107 & 108	First Year Voice	2 & 2
	Prerequisite: permission of the Chairman of the Department.	
	Required: majors in Voice.	
Music 131 & 132	Yenching Choral Society	1 & 1
	Prerequisite: permission of the Chairman of the Department.	
	Elective: 1, 2, 3, 4. Th 6:45.	
Music 201 & 202	Second Year Piano	2 & 2
	Prerequisite: Music 101 & 102. Time to be arranged.	
	Required: majors in Piano.	Miss Stahl
Music 209 & 210	Second Year Voice	2 & 2
	Prerequisite: Music 107 & 108. Required: majors in Voice.	
Music 301 & 302	Third Year Piano	2 & 2
	Prerequisite: Music 201 & 202. Required: majors in Piano.	
Music 303-304	Piano Teaching Method	2-2
	Prerequisite: Music 201 & 202, 221-222. Required: majors in Piano. Not offered 1947-48.	
Music 305-306	Theory and Practice of Conducting	2-2
	Prerequisite: Music 221-222. Required: majors in Voice. Not offered 1947-48.	
Music 307-308	Teaching of Music Theory	2-2
	Prerequisite: Music 321-322. Required: majors in Theory without Music 357-358 and 433-434. Not offered 1947-48.	
Music 497-498	Graduation Recital	1 or more Staff
	Required: majors.	

II. MUSIC THEORY

Music 111-112	Ear-training	3-3
	Required: majors. TThS 8:00.	Miss Stahl
Music 121-122	First Year Theory	3-3
	This course takes the place of First Year Harmony formerly offered. Required: majors. Elective: 1, 2, 3, 4. MWF 11:20.	Mr. Hsü
Music 221-222	Second Year Theory	3-3
	Prerequisite: Music 121-122 or special permission of the Chairman of the Department. Required: majors. Elective: 2, 3, 4. Not offered 1947-48. This course will take the place of Music 111-112, Ear-training, and Music 223-224, Second Year Harmony.	
Music 223-224	Second Year Harmony	3-3
	Prerequisite: Music 121-122. Required: majors. Elective: 2, 3, 4. TTh 11:20, F 1:10. This course will be replaced by Music 221-222, Second Year Theory.	Mr. Wiant
Music 321-322	Third Year Theory	3-3
	Prerequisite: Music 221-222 or special permission of the Chairman of the Department. Required: majors. Elective: 3, 4. Not offered 1947-48. This course will take the place of Music 325-326, Counterpoint.	
Music 325-326	Counterpoint	3-3
	This course will be replaced by Music 321-322, Third Year Theory. Prerequisite: Music 223-224 or special permission of the Instructor. Required: majors in Theory. Elective: 3, 4. MWF 10:20.	Mr. Hsü
Music 327-328	Orchestration	2-2
	Prerequisite: Music 321-322. Not offered 1947-48.	
Music 329-330	Advanced Theory and Analysis	2-2
	Prerequisite: Music 221-222. Required: majors in Theory. Not offered 1947-48.	
Music 333-334	Composition	2-2
	Prerequisite: Music 321-322. Required: majors in Theory. Time to be arranged.	Mr. Hsü
Music 433-434	Advanced Composition	2-2
	Prerequisite: Music 321-322. Required: majors in Theory without Music 307-308 and 357-358. Not offered 1947-48.	

Music 497-498 Senior Thesis 1 or more
Required: majors. Staff

III. MUSIC LITERATURE AND HISTORY

Music 151 or 152 Introduction to Music 3
Required: majors. Elective: 1, 2, 3, 4. TThS 9:20. Mr. Wiant

Music 154 History of Music 3
Required: majors. Elective: 1, 2, 3, 4. TThS 9:20.
Not offered 1947-48. Mr. Wiant

Music 355-356 Comparative Music 2-2
Prerequisite: Music 151 or 152, and 154. Required: majors. Elective:
3, 4. Lect: F 9:20; Discussion: time to be arranged. Mr. Hsü

Music 357-358 Seminar in Music History 2-2
Prerequisite: permission of the Chairman of the Department. Required:
majors in Music Theory without Music 307-308 and 433-434.
Not offered 1947-48.

Department of Journalism

The Major: A minimum of 32 credits in Journalism, including the following:

Journalism 101-102	Introduction to Journalism
Journalism 201-202	News Reporting and Writing
Journalism 301-302	Chinese News Editing
Journalism 401-402	Editorial Writing
Journalism 403-404	Newspaper Management
Journalism 497-498	Senior Thesis

Minor: Major students of the Department should take at least 24 credits in a correlated subject as a minor. Before they choose their minor, consultation with the Chairman of the Department is necessary. If Chinese or English is chosen as the correlated subject, Freshman Chinese or Freshman English shall be excluded from the 24 credits.

Special Requirement: Sophomore English.

Journalism 101-102 Introduction to Journalism 2-2
Required: majors. Elective: 1, 2, 3, 4. TTh 9:20. Mr. Chiang

Journalism 201-202 News Reporting and Writing 3-3
Required: majors. Elective: 2, 3, 4. Lect: MW 10:20; Lab: time to be arranged. Mr. Chiang

Journalism 251 History of Chinese Journalism 2
Elective: 2, 3, 4. S 10:20-12:10. Mr. Chang

Journalism 301-302 Chinese News Editing 3-3
Prerequisite: Journalism 201-202. Required: majors. Elective: 3, 4.
Lect: F 1:10-4:00; Lab: Sect A M 2:10-5:00, Sect B T 2:10-5:00.
Messrs. Chang and Chiang

Journalism 351 & 352 Current Events 2 & 2
Elective: 3, 4. Th 2:10-4:00. Mr. Sun

Journalism 382 Publicity 3
Elective: 3, 4. MWF 10:20. Limited to 10 students. Mr. Sailer

Journalism 401-402 Editorial Writing 2-2
Prerequisite: Journalism 301-302. Required: majors. Elective: 4.
Lect: S 9:20; Lab: time to be arranged. Messrs. Chang & Chiang

Journalism 403-404 Newspaper Management 2-2
Prerequisite: Journalism 301-302. Required: majors. Elective: 4.
M 2:10-4:00. Messrs. Chang & Ch'en

Journalism 497-498 Senior Thesis 2 to 4
Required: majors. Messrs. Chiang & Chang

Required Physical Education

Men

Physical Education 101N or 102N, 201N or 202N, 301N or 302N 1
Basketball. Sec A TTh 9:20, Sec B TTh 3:10, Sec C WF 8:00.
Gymnastics. Sec A MW 9:20, Sec B MW 11:20, Sec C TTh 9:20.
Softball. Sec A MW 8:00, Sec B WF 9:20.
Soccer. MW 3:10. Speedball. WF 2:10.
Tennis-Badminton. MW 2:10. Touch-football. TTh 11:20.
Track & Field. Sec A MW 10:20, Sec B TTh 8:00.
Volleyball. Sec A TTh 2:10, Sec B WF 3:10.

Physical Education 101W or 102W, 201W or 202W, 301W or 302W I
 Softball. Sec A MW 8:00, Sec B WF 9:20.
 Tennis-Badminton. MW 2:10.
 Volleyball. Sec A TTh 2:10, Sec B WF 3:10.

Physical Education 101R or 102R, 201R or 202R, 301R or 302R I
 Croquet. WF 10:20. Croquet Gulf. WF 10:20.
 Horse-shoe Pitching. WF 10:20. Archery. Time to be arranged.
 Social Games for Recreation. TTh 9:20. Ping-pong. MW 4:10.
 Table-football. MW 4:10. Table-billiard. MF 4:10.

Physical Education 101C or 102C, 201C or 202C, 301C or 302C I
 Corrective 1, 2, 3, 4, 5, 6. Time to be arranged.

Women

Physical Education 101 or 102, 201 or 202, 301 or 302 I
 Gymnastics. TTh 8:00. Rhythms. Sec A MW 10:20, Sec B TF 4:10.
 Tennis, Deck Tennis, and Skating. MW 3:10. Fall semester only.
 Badminton. TTh 10:20.
 Archery and Skating. TTh 9:20. Fall semester only.
 Corrective Gymnastics. For corrective group only. Time to be arranged.
 Modified Physical Education Activities. For weak and restricted group only. Time to be arranged.
 Baseball. TTh 2:10. Spring semester only.
 Deck Tennis and Tennis. TTh 3:10. Spring semester only.
 Archery. TTh 2:10. Spring semester only.
 Speedball. WF 8:00. Fall semester only.
 Volleyball. MW 11:20.
 Basketball. Sec A TTh 8:00, Sec B MW 3:10.

COLLEGE OF NATURAL SCIENCES

Department of Mathematics

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.

The Major: A minimum of 46 credits in Mathematics, including:

Mathematics 101-102	Introduction to the Calculus
Mathematics 227-228	Intermediate Calculus
Mathematics 355-356	Mathematical Analysis
Mathematics 497-498	Senior Thesis

and at least 4 courses from the following:

Mathematics 129-130	Modern Geometry
Mathematics 223-224	Analytic Geometry
Mathematics 231-232	Differential Equations
Mathematics 333-334	Theory of Equations
Mathematics 365-366	Theory of Numbers
Mathematics 467-468	Modern Algebra
Physics 203-204	Theoretical Mechanics

The Minor: A minimum of 18 credits in Physics, Chemistry, Biology, Home Economics, Education, History, Chinese, or Western Languages.

Students planning to teach Mathematics are strongly urged to take some courses in Education.

Mathematics 101-102	Introduction to the Calculus	3-3	
Required: freshman science students. Lect: Sec A MF 8:00, Sec B TTh 8:00, Sec C WS 8:00; Lab: Sec: A-E M,T,W,Th,F 1:10-4:00.			Mr. Li
Mathematics 103-104	General Mathematics	3-3	
Elective: 1, 2, 3, 4. Sec A MWF 1:10, Sec B TThS 11:20.			Mr. Tai
Mathematics 129-130	Modern Geometry	3-3	
Required: majors. Elective: 1, 2, 3, 4. Not offered 1947-48.			
Mathematics 181-182*	Introduction to Astronomy	2-2	
Elective: 1, 2, 3, 4. T 7-9 p.m.			Mr. Tai
Mathematics 223-224	Analytic Geometry	3-3	
Prerequisite: Mathematics 101-102. Elective: 2, 3, 4. TThS 9:20.			Mr. Li
Mathematics 227-228	Intermediate Calculus	3-3	
Prerequisite: Mathematics 101-102. Required: majors. Elective: 2,3,4. MWF 8:00.			Mr. Hsü

Mathematics 231-232	Differential Equations	2-2
Prerequisite: Mathematics 101-102. Elective: 2, 3, 4. WF 9:20.		
		Mr. Tai
Mathematics 261	Descriptive Geometry	3
Required: majors in the Industrial Training Program. Time to be arranged.		
		Mr. Huang
Mathematics 333-334	Theory of Equations	2-2
Required: majors. Elective: 3, 4. Not offered 1947-48.		
Mathematics 335-336	Mathematical Analysis	3-3
Required: majors. Elective: 3, 4. Not offered 1947-48.		
Mathematics 365-366	Theory of Numbers	2-2
Required: majors. Elective: 3, 4. Not offered 1947-48.		
Mathematics 391-392	Journal Club	1-1
Elective: 3, 4. Time to be arranged.		
		Staff
Mathematics 421-422	Functions of a Complex Variable	3-3
Elective: 3, 4. TThS 10:20.		
		Mr. Hsü
Mathematics 465 & 466	Special Problems	2 to 4
Elective: 4. M 2:00-4:00.		
		Mr. Hsü
Mathematics 497-498	Senior Thesis	2-2
Required: majors. Time to be arranged.		
		Staff

Department of Physics

The instructional work in Physics is directed toward the following ends: the training of students for leadership in industry; the training of pre-medical students; the training of general students in scientific methods and in the understanding of the place of physical sciences in the modern world; and the training of teachers and research workers in Physics.

The Major: There are two types of major work:

- A. Pure Physics
- B. Applied Physics

A major in Pure Physics should take between 38 to 50 credits in Pure Physics, including:

Physics 201-202	Electricity and Magnetism
Physics 203-204	Theoretical Mechanics

Physics 301-302	Optics
Physics 303-304	Heat
Physics 401-402	Introduction to Modern Physics
Physics 491 or 492	Journal Club
Physics 497 & 498	Senior Thesis

A major in Applied Physics should choose one of the following lines for specialization:

- a. Applied Mechanics
- b. Applied Electricity
- c. Textile Technology

Applied Physics forms a part of the Industrial Training Program offered by the University for the training of students who intend to enter industry. The program requires 8 semesters and 3 summers of work in the University and 2 additional semesters of practice, under the direction of the Faculty of the University, in factories of cooperating industries. The detailed schedules of courses for the Program are given on Pp. 50-53.

The Minor: A major in Pure Physics should minor in one of the following subjects: Mathematics, Chemistry, Industrial Training, Biology, or Education, choosing 12 to 24 credits in consultation with the Chairman of the Department.

Special Requirements: All majors should take Mathematics 227-228, Intermediate Calculus, while a major in Pure Physics should also take Mathematics 231-232, Differential Equations.

Comprehensive Examination: All senior majors in Pure Physics must pass a written comprehensive examination in the general field of Physics as part of the requirement for the B. S. degree.

I. PURE PHYSICS

Physics 101-102	General Physics	3-3
Required: science students. Lect: <i>Sec A</i> TTh 9:20, <i>Sec B</i> TTh 10:20;		
Lab: <i>Sec A-E</i> M,T,W,Th,F 1:10. Mr. Ch'u		
Physics 201-202	Electricity and Magnetism	4-4
Prerequisite: Physics 101-102 and Mathematics 101-102. Required:		
majors. Elective: 2,3,4. Lect: TThS 9:20; Lab: <i>Sec A-C</i> T,W,F 1:10.		
Messrs. Tu & Wu		

Physics 203-204 Theoretical Mechanics 3-3
 Prerequisite: Physics 101-102 and Mathematics 101-102. Required:
 majors. Elective: 2, 3, 4. TThS 8:00. Mr. Tseng

Physics 205-206 Physics for Pre-medical Students 3-3
 Prerequisite: Physics 101-102 and Mathematics 101-102. Required:
 Pre-medical students. Lect: TTh 10-20; Lab: Sec A-C M,T,F 11:10,
 Sec D S 9:20. Mr. Sun

Physics 301-302 Optics 4-4
 Prerequisite: Physics 101-102 and Mathematics 227-228. Required:
 majors. Elective: 3, 4, 5. Not offered 1947-48.

Physics 303-304 Heat 2-2
 Prerequisite: Physics 101-102 and Mathematics 101-102. Required:
 majors. Elective: 3, 4, 5. TTh 11:20. Mr. Tseng

Physics 305-306 Introduction to Theoretical Physics 3-3
 Prerequisite: Physics 201-202 and 203-204, and Mathematics 227-228 and
 231-232. Elective: 3, 4, 5. Not offered 1947-48.

Physics 321-322 Radio 3-3
 Prerequisite: Physics 201-202 and Mathematics 101-102. Elective:
 3, 4, 5. Not offered 1947-48.

Physics 331 Applied Acoustics 3
 Prerequisite: Physics 101-102 and Mathematics 101-102. Elective: 3, 4.
 Not offered 1947-48.

Physics 336 Photography 2
 Prerequisite: Physics 301. Elective: 3, 4. Not offered 1947-48.

Physics 401-402 Introduction to Modern Physics 4-4
 Prerequisite: Physics 101-102 and Mathematics 101-102. Required:
 majors. Elective: 4, 5. Lect: MWF 10:20; Lab: W 11:10. Mr. Tu

Physics 491 or 492 Journal Club 1
 Required: majors, 2 semesters. T 4:30. Staff

Physics 497 & 498 Senior Thesis 2 to 4
 Required: majors. Staff

Physics 501-502 Relativity 3-3
 Elective: 5. Not offered 1947-1948.

Physics 507-508 Advanced Theory of Electricity and Magnetism 3-3
 Elective: 5. Not offered 1947-48.

Physics 511-512 Quantum Mechanics 3-3
 Elective: 5. Not offered 1947-48.

Physics 521-522 Statistical Mechanics 3-3
 Elective: 5. Not offered 1947-48.

Physics 531-532 Nuclear Physics 3-3
 Elective: 5. Not offered 1947-48. Mr. Ch'u

Physics 533 Cosmic Rays 3-3
 Elective: 5. MWF 9:20. Mr. Ch'u

Physics 536 X-Rays 3
 Elective: 5. Not offered 1947-48.

Physics 541-542 Atomic Structure and Spectroscopy 3-3
 Elective: 5. Not offered 1947-48.

Physics 543 Applied Spectroscopy 3
 Prerequisite: Physics 541-542. Elective: 5. Not offered 1947-48.

Physics 546 Molecular Spectra 3-3
 Prerequisite: Physics 541-542. Elective: 5. Time to be arranged. Mr. Ch'u

Physics 591-592 Journal Club 1 or 1
 Required: graduate students.

Physics 595-596 Special Laboratory Problems 3-3
 Elective: 5. Not offered 1947-48.

Physics 597 & 598 Graduate Thesis Staff
 Required: majors.

II. APPLIED PHYSICS

Physics 152 Engineering Drawing 2
 Required: majors in the Industrial Training Program.
 M 11:10-4:00, S 9:20-12:10. Mr. Huang

Physics S 155 Surveying I 3-3
 Required: majors in the Industrial Training Program. Three weeks in
 the summer at the end of the freshman year. Messrs. Higgins & Huang

Physics 461	Experimental Engineering	2
Required: Applied Physics majors. Not offered 1947-48. Mr. Higgins & Assistant		
Physics 462	Power Plant Laboratory	4
Required: majors in the Industrial Training Program. Not offered 1947-48. Mr. Higgins & Assistant		
Physics 464	Power Plants	3
Required: Applied Physics majors. Not offered 1947-48. Mr. Dean		
Physics 466	Heating, Plumbing, Wiring	3
Required: Applied Mechanics majors and Textile Technology majors. Not offered 1947-48.		
Physics 468	Factory Problems and Design	2
Required: Applied Mechanics majors. Not offered 1947-48. Mr. Dean		
Physics 471	Advanced Textile Design	2
Required: Textile Technology majors. Not offered 1947-48.		
Physics 472	Textile Finishing; Cotton, Wool, Etc.	3
Required: Textile Technology majors. Not offered 1947-48.		
Physics 473	Textile Testing	2
Required: Textile Technology majors. Not offered 1947-48.		
Physics 474	Spinning; Cotton, Wool, Hemp, Etc.	3
Required: Textile Technology majors. Not offered 1947-48.		
Physics 475	Weaving Machinery	2
Required: Textile Technology majors. Not offered 1947-48.		
Physics 476	Weaving Machinery	2
Required: Textile Technology majors. Not offered 1947-48.		
Physics 478	Textile Mill Design	2
Required: Textile Technology majors. Not offered 1947-48.		
Physics 480	Personnel Mangement	1
Required: Textile Technology majors. Not offered 1947-48.		
Physics 482	Rayon	2
Required: Textile Technology Majors. Not offered 1947-48.		

Department of Chemistry

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 scientific methods; to train teachers of Chemistry; to train practical chemists; and to offer to properly qualified college graduates a training in methods of chemical research.

The Major: There are two types of major work :

- A. Pure Chemistry
- B. Applied Chemistry

A major student in Pure Chemistry should take between 40 to 50 credits in Pure Chemistry, including the following :

Chemistry 101 or 102	General Inorganic Chemistry
Chemistry 201	Qualitative Analysis
Chemistry 202A	Quantitative Analysis
Chemistry 321-322*	Organic Chemistry
Chemistry 331-332	Physical Chemistry
Chemistry 497-498	Senior Thesis

A major student in Applied Chemistry should take a group of correlated courses specified under the Industrial Training Program, the details of which are given on Pp. 50-53. The Program is offered by the University for the training of students who intend to go into industry. It requires 8 semesters and 3 summers of training in the University and 2 additional semesters of practice, under the direction of the Faculty of the University, in factories of cooperating industries.

The Minor: A major in Pure Chemistry should take from 12 to 20 credits in another subject. It is advised that students majoring in Pure Chemistry should minor in either Biology or Physics.

Special Requirement: Mathematics 227-228, Intermediate Calculus.

Comprehensive Examination: All senior majors in Pure Chemistry must pass a written comprehensive examination in the general field of Chemistry as part of the requirement for the B. S. degree.

Chemistry 101 or 102	General Inorganic Chemistry	5
Required: science students. Lect: Sec A MWF 9:20, Sec B TThS 9:20;		
Lab: Sec A MW 1:10-4:00, Sec B TTh 1:10-4:00. Mr. Yi		

Chemistry 201	Qualitative Analysis	4
Prerequisite: Chemistry 101 or 102. Required: majors. Lect: <i>Sec A</i>		
MW 9:20, <i>Sec B</i> TTh 9:20; Lab: <i>Sec A</i> MW 1:10-4:00, <i>Sec B</i> TTh		
1:10-4:00. Mr. Yü		
Chemistry 202A	Quantitative Analysis	3
Prerequisite: Chemistry 201. Required: majors. Lect: Th 9:20;		
Lab: MTh 1:10-4:00. Mr. Yü		
Chemistry 202B	Quantitative Analysis	2
Prerequisite: Chemistry 201. Required: Pre-medical students. Lect:		
T 9:20; Lab: T or W 1:10-4:00. Mr. Yü		
Chemistry 204	Elementary Physical Chemistry	4
Prerequisite: Chemistry 201 and Physics 101-120. Mr. Ts'ai		
Chemistry 321-322*	Organic Chemistry	4
Prerequisite: Chemistry 202 or 204. Required: majors and Pre-medical		
students. Lect: TTh 11:20; Lab: <i>Sec A</i> MW 1:10-4:00, <i>Sec B</i> TTh		
1:10-4:00. Mr. Wilson		
Chemistry 331-332	Physical Chemistry	4
Prerequisite: Chemistry 202 and Mathematics 227-228. Required: majors.		
Lect: MWF 10:20; Lab: <i>Sec A</i> M 1:10-4:00, <i>Sec B</i> W 1:10-4:00, <i>Sec C</i>		
F 1:10-4:00. Mr. Ts'ai		
Chemistry 357	Technical Analysis (Quantitative)	3
Required: majors in the Industrial Training Program. Mr. Mason		
Chemistry S 358	Chemistry Laboratories	
Work in leather, ceramics and other applied fields. Required: Applied		
Chemistry majors. Six weeks in the summer at the end of the junior		
year. Messrs. Yü & Mason		
Chemistry 421-422	Advanced Organic Chemistry	3
Prerequisite: Chemistry 322. Time to be arranged. Mr. Wilson		
Chemistry 431	Chemical Thermodynamics	2
Prerequisite: Chemistry 332. Time to be arranged. Mr. Ts'ai		
Chemistry 451A-452A	Special Problems	4
Prerequisite: permission of the Instructor. Time to be arranged. Staff		
Chemistry 451B-452B	Special Problems	2
Prerequisite: permission of the Instructor. Time to be arranged. Staff		

Chemistry 471	Industrial Chemistry I	7
Required: Applied Chemistry majors. Time to be arranged.		
Chemistry 472	Industrial Chemistry II	7
Required: Applied Chemistry majors. Time to be arranged. Mr. Mason		
Chemistry 473	Industrial Stechiometry	2
Required: Applied Chemistry majors. Time to be arranged. Mr. Mason		
Chemistry 475	Dyeing	3
Required: Textile Technology majors. Time to be arranged.		
Chemistry 497-498	Senior Thesis	3
Required: majors. Staff		
Chemistry 551A-552A	Special Problems for Graduates	Staff
Chemistry 597-598	Graduate Thesis	Staff
Required: majors.		

Department of Biology

The functions of the Department are to provide the Biology courses necessary (a) to prepare students for teaching or research in different phases of Biology, (b) to give pre-medical training (see P. 49), (c) to offer an elementary course in Biology required of students in the College of Natural Sciences, and (d) to offer a more popular course in Biology for non-science students.

The Major: 32-50 credits, to be chosen from the following :

Biology 201	Invertebrate Zoology
Biology 202	Comparative Anatomy of Vertebrates
Biology 209 or 210	General Botany
Biology 301	General Embryology
Biology 302	Genetics
Biology 303	Biological Technique
Biology 305 or 306	Animal Histology
Biology 312	General Entomology
Biology 401	Economic Entomology
Biology 402	Advanced Biological Technique
Biology 403-404	Journal Club

Biology 465 or 466 Special Problems
 Biology 467 or 468 Special Problems
 Biology 497-498 Senior Thesis

The Minor: 12-16 credits in Physics, Chemistry, or both.

Biology 101 or 102 General Biology 5
 Required: science students. Elective: 1, 2. Lect: MWF 9:20;
 Lab: *Sec A* MW 1:10-4:00, *Sec B* TTh 1:10-4:00. Miss Boring

Biology 103-104 Human Biology 3-3
 Elective: 1, 2, (non-science students). Lect: TTh 11:20;
 Lab: *Sec A* F 1:10-4:00, *Sec B* S 9:20-12:10. Miss T'ang

Biology 201 Invertebrate Zoology 5
 Prerequisite: Biology 101 or 102. Elective: 2, 3. Lect: MWF 10:20;
 Lab: *Sec A* MW 1:10-4:00 *Sec B* TTh 1:10-4:00. Mr. Wu

Biology 202 Comparative Anatomy of Vertebrates 5
 Prerequisite: Biology 101 or 102. Lect: MWF 10:20;
 Lab: *Sec A* MW 1:10-4:00, *Sec B* TTh 1:10-4:00. Miss Boring

Biology 209 or 210 General Botany 4
 Prerequisite: Biology 101 or 102. Elective: 2, 3, 4. Lect: TTh 8:00;
 Lab: TTh 1:10-4:00. Mr. Wu

Biology 301 General Embryology 3
 Prerequisite: Biology 202. Elective: 3, 4, 5. Lect: WF 8:00;
 Lab: *Sec A* F 1:10-4:00, *Sec B* S 9:20-12:10. Miss Boring

Biology 302 Genetics 3
 Prerequisite: Biology 202. Elective: 3, 4, 5. Lect: WF 8:00;
 Lab: *Sec A* F 1:00-4:00, *Sec B* S 9:00-12:10. Miss Boring

Biology 303 Biological Technique 4
 Prerequisite: Biology 201 and 202. Elective: 3, 4, 5. Lect: MW 8:00;
 Lab: MW 1:10-4:00. Mr. Wu

Biology 305 or 306 Animal Histology 4
 Prerequisite: Biology 201 and 202. Elective: 3, 4, 5. Lect TTh 10:20;
 Lab: TTh 1:10-4:00. Miss Boring

Biology 312 General Entomology 4
 Prerequisite: Biology 201. Elective: 3, 4, 5. Lect: MW 8:00;
 Lab: MW 1:10-4:00. Mr. Wu

Biology 401 Economic Entomology 4
 Prerequisite: Biology 312. Elective: 4, 5. Lect: TTh 8:00;
 Lab: TTh 1:10-4:00. Mr. Wu

Biology 402 Advanced Biological Technique 4
 Prerequisite: Biology 303. Elective: 4, 5. Lect: TTh 8:00;
 Lab: TTh 1:00-4:00. Mr. Wu

Biology 403 Journal Club 1
 Prerequisite: 2 years of Biology. Required: majors. Elective: 4, 5.
 T 4:30. Miss Boring

Biology 465 or 466 Special Problems 4
 Prerequisite: 3 years of Biology. Elective: 4, 5. Time to be arranged.

Biology 467 or 468 Special Problems 2
 Prerequisite: 3 years of Biology. Elective: 4, 5. Time to be arranged.

Biology 497-498 Senior Thesis 2-2
 Required: majors. Staff

Biology 597-598 Graduate Thesis
 Required: majors. Staff

Department of Home Economics

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; to provide fundamental courses for those who are interested in dietetics or nutritional research; to provide courses to train workers in the child welfare field; and to provide courses for pre-nursing students.

The Major: There are four types of majors:

- A. Majors in Home Economics taking the teaching program
- B. Majors in Home Economics taking the Child Welfare Training Program (see P. 54)
- C. Majors in Home Economics taking the nutrition and dietetics program
- D. Pre-nursing students spending 2½ years in the University as majors in Home Economics

All majors are required to take the following courses :

Home Economics 203 & 204	Food Selection and Preparation
Home Economics 231 & 232	Child Care and Development
Home Economics 306	Nutrition
Home Economics 325	Household Management
Home Economics 491 or 492	Home Management House

(Practical Housekeeping is given this semester instead of this course)

Home Economics 497-498	Senior Thesis
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In addition to the general requirements, Type A and B majors are expected to elect the following courses :

Psychology 209 or 110	Mental Hygiene
Home Economics 333	The Nursery School
Home Economics 315	Home Planning and Equipment
Home Economics 312	Clothing and Textile
Home Economics 442	Methods of Teaching Home Economics

Type C majors are expected to elect the following courses :

Home Economics 405	Advanced Nutrition
Home Economics 408	Nutrition in Disease
Home Economics 311	Art in Daily Life

Type D majors are expected to take a total of 21 credits of Home Economics courses during their 2½ years of work in the University. Psychology 209 or 110, however, may be counted as a major course.

Home Economics 203 & 204	Food Selection and Preparation	3 & 3
Required: majors, and sophomore and junior students in the Child Welfare Training Program. Lect: TTh 9:20; Lab: W 1:10-4:00. Miss Pai		
Home Economics 231 & 232	Child Care and Development	3 & 3
Required: majors, and sophomore and junior students in the Child Welfare Training Program. MWF 9:20. Miss Li		
Home Economics 306	Nutrition	4
Prerequisite: Home Economic 203. Required: majors. Elective: 3, 4. Lect: TTh 11:20; Lab: MF 1:10-4:00. Miss Pai		
Home Economics 312	Clothing and Textiles	3
Required: majors. Elective: 3, 4. Lect: MW 10:20; Lab: F 1:10-4:10. Miss Chen		

Home Economics 315	House Planning and Equipment	3
Required: majors. Lect: MW 11:20; Lab: F 1:10-4:00. Miss Ch'en		

Home Economics 325	Household Management	3
Required: majors. TThS 11:20. Miss Pai		

Home Economics 333 or 334	The Nursery School	3
Prerequisite: Home Economics 231. Required: majors, and junior and senior students in the Child Welfare Training Program. Lect: T 9:20; Lab: time to be arranged. Miss Li		

Home Economics 405 or 406	Advanced Nutrition	3
Prerequisite: Home Economics 306. Required: majors in Nutrition. Not offered 1947-48.		

Home Economics 408	Nutrition in Disease	2
Prerequisite: Home Economics 306. Required: majors in Nutrition. TTh 9:20. Miss Pai		

Home Economics 442	Methods of Teaching Home Economics	3
Prerequisite: 16 credits in Home Economics and 6 credits in Education and Psychology. Lect: MW 11:20; Practice Teaching: to be arranged. Miss Chen		

Home Economics 443	Seminar in Home Economics	2
Required: majors. Time to be arranged. Miss Ch'en		

Home Economics 491	Home Management House	2
Prerequisite: Home Economics 203, 315 (1946-47: 215), 306, 411 (1946-47: 326). Required: majors. Time to be arranged. Miss Ch'en		

Home Economics 497-498	Senior Thesis	2 to 4
Required: majors. Time to be arranged. Staff		

COLLEGE OF PUBLIC AFFAIRS
Department of Political Science

The Major: 52 to 64 credits in Political Science.

For the purposes of the major, courses in Political Science numbered 231-232, 241, 351 to 368, 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: 16 to 24 credits.

Political Science majors are required to elect at least 12 credits from any of the following courses, and are advised to take as many more as possible:

- A. Any courses offered by the Department of History
- B. Sociology 327, Law and Social Order
- C. Journalism 382, Publicity, and Psychology 241-242*, Social Psychology

Political Science 101-102 Introduction to Political Science 3-3
Required: majors. Elective: 1, 2, 3. MWF 8:00. Mr. Ho

Political Science 205-206 Chinese Government 3-3
Prerequisite: Political Science 101-102. Required: majors. Elective:
2, 3, 4. TThS 11:20. Mr. Chang

Political Science 211 & 212 Government of Foreign States 3 & 3
Prerequisite: Political Science 101-102. Required: majors. Elective:
2, 3, 4. TThS 10:20. Mr. Chang

Political Science 231-232 Elements of Civil Law 3-3
Required: majors not intending to take Political Science 389 & 390.
Elective: 2, 3, 4. Th 2:10-5:00. Mr. Tseng

Political Science 241 & 242 International Relations 3 & 3
Required: majors. Elective: 2, 3, 4. TThS 8:00. Mr. Ho

Political Science 315A-316A Administrative Law and Public Administration 3-3

A combination of Political Science 315-316 and 317-318, not to be elected by those who have taken Political Science 315-316.
Prerequisite: Political Science 101-102. Required: majors. Elective:
3, 4. TThS 9:20. Mr. Chang

Political Science 331-332 History of Chinese Political Thought 3-3
Prerequisite: Political Science 101-102. Required: majors. Elective:
3, 4. MWF 11:20. Mr. Ho

Political Science 335-336 History of Western Political Thought 3-3
Prerequisite: Political Science 101-102. Required: majors. Elective:
3, 4. MWF 3:10. Mr. Porter

Political Science 381-382 International Law 3-3
Prerequisite: Political Science 101-102. Required: majors. Elective:
3, 4. MWF 9:20. All junior majors are required to elect this course this
year; it may not be offered the next year. Miss Ch'en

Political Science 385 & 386 Chinese Foreign Relations 3 & 3
Prerequisite: Political Science 101-102. Required: majors. Elective:
3, 4. MWF 10:20. Miss Ch'en

Political Science 389 & 390 History of European Diplomacy 3 & 3
Prerequisite: Political Science 101-102. Required: majors, except those
who have taken Political Science 241 & 242. Elective: 3, 4.

Political Science 497-498 Senior Thesis 2-2
Required: majors. Staff

Department of Economics

The Major: 48-68 credits in Economics, including the following if possible:

Economics 101-102	Elementary Economics
Economics 211-212	Western Economic History
Economics 291-292	First Year Accounting
Economics 221-222	Money and Banking
Economics 351-352	Public Finance
Economics 371-372	Principles and Methods of Statistics
Economics 405-406	History of Economic Thought
Economics 341-342	International Trade and Finance
Economics 497-498	Senior Thesis

Correlated Subjects: Philosophy, Psychology, Political Science, Sociology, or History, to be chosen in consultation with the Chairman of the Department.

Economics 101-102 Elementary Economics 3-3
Required: majors. Elective: 1, 2, 3. MWF 11:20. Miss Ts'ui

Economics 211-212 Western Economic History 3-3
Prerequisite: Economics 101-102. Required: majors. Elective: 2, 3, 4.
M 11:20, S 10:20-12:00. Mr. Ch'en

Economics 221-222	Money and Banking	3-3
Prerequisite: Economics 101-102. Required: Majors. Elective: 2, 3, 4.		
F 1:30-2:50, 3:10-4:20. Mr. Chao		
Economics 231	Principles and History of Co-operation	3
Not offered 1947-48.		
Economics 233	Introduction to Rural Economics	3
Not offered 1947-48.		
Economics 291-292	Elementary Accounting	3-3
Prerequisite: Economics 101-102. Required: majors. Elective: 2, 3.		
Lect: T 10:20-12:10; Lab: Th 2:10-4:00. Mr. Chao		
Economics 293-294	Book-keeping and Business Organization	2-2
Required: majors in the Industrial Training Program. Elective: 2, 3.		
Open to majors in the Industrial Training Program only. Lect: T 8:00;		
Lab: F 2:10-4:00. Mr. Dean & Assistant		
Economics 311-312	Chinese Economic History	3-3
Not offered 1947-48.		
Economics 323-324	Advanced Money and Banking	3-3
Not offered 1947-48.		
Economics 341-342	International Trade and Finance	3-3
Prerequisite: Economics 101-102. Required: majors. Elective: 3, 4.		
MWF 10:20. Miss Jao		
Economics 351-352	Public Finance	3-3
Prerequisite: Economics 101-102. Required: majors. Elective: 3, 4.		
MWF 9:20. Miss Jao		
Economics 371-372	Principles and Methods of Statistics	3-3
Prerequisite: Economics 101-102. Lect: MW 3:10; Lab: T 2:10-4:00.		
Miss Ts'ui		
Economics 391	Advanced Accounting	3
Not offered 1947-48.		
Economics 392	Cost Accounting	3
Not offered 1947-48.		
Economics 405-406	History of Economic Thought	3-3
Prerequisite: Economics 101-102. Required: majors. Elective: 4.		
TThS 11:20. Miss Ts'ui		

Economics 497-498
Required: majors.

Senior Thesis

2-2
Staff

Department of Sociology

The Major: The major is definitely advised to take the following courses:

Sociology 101-102	An Introduction to the Science of Society
Sociology 221	Primitive Community
Sociology 224	Rural Community
Sociology 226,	Urban Community
Psychology 241-242*, or	Social Psychology
Sociology 338	Personality and Culture
Sociology 301 or 302	Methods of Sociological Investigation
Sociology 305-306	Social Statistics
Sociology 411-412	Contemporary Sociological Theories
Sociology 435 & 436	Field Research (for students in Sociological Theory)
Sociology 491 & 492	Field Work (for students in Social Work)
Sociology 497-498	Senior Thesis

and a total of 9 credits from the following courses:

Sociology 321	Population and Society
Sociology 324	Family and Society
Sociology 327	Law and Social Order
Sociology 329 or 330	Comparative Religion
Sociology 531 or 332	Language, Thought, and Culture
Sociology 341 or 342	Educational Sociology
Sociology 421	Comparative Study of Human Societies
Sociology 424	Comparative Social Institutions

Additional Requirements: Another 15 to 18 credits in Sociology to be taken in consultation with the Chairman of the Department.

Correlated Subjects: 16 to 24 credits in Philosophy, Psychology, History, Education, Economics or Political Science, to be chosen in consultation with the Chairman of the Department.

Sociology 101-102	An Introduction to the Science of Society	3-3
Required: majors. Elective: 1, 2, 3. TThS 8:00.		Mr. Yen

Sociology 221 Primitive Community 3
 Prerequisite: Sociology 101-102. Required: majors. Elective: 2, 3, 4.
 MWF 10:20. Mr. Lin

Sociology 224 Rural Community 3
 Prerequisite: Sociology 101-102. Required: majors. Elective: 2, 3, 4.
 TThS 9:20. Miss Lei

Sociology 226 Urban Community 3
 Prerequisite: Sociology 101-102. Required: majors. Elective: 2, 3, 4.
 Not offered 1947-48. Mr. Chao

Sociology 261 Social Disorganization 3
 Prerequisite: Sociology 101-102. Elective: 2,3. TThS 9:20. Miss Lei

Sociology 264 Social Administration 3
 Prerequisite: Sociology 101-102. Elective: 2, 3. Time to be arranged.
 Miss Lei

Sociology 281 or 282 Child Health and Diseases 2
 Required: majors in the Child Welfare Training Program. Elective:
 2, 3, 4. Not offered 1947:48.

Sociology 301 Methods of Sociological Investigation 3
 Prerequisite: 3 courses in Sociology, Economics, Political Science, His-
 tory, Philosophy, or Psychology. Required: majors. Elective: 3, 4.
 MWF 11:20. Mr. Lin

Sociology 305-306 Social Statistics 3-3
 Prerequisite: 3 courses in Sociology, Economics, or Political Science.
 Required: majors. Elective: 3, 4. Lect: MW 3:10; Lab: T 2:10-4:00.
 Identical with Economics 371-372. Miss Ts'ui

Sociology 311 or 312 Ethnography 3
 Prerequisite: Sociology 221. Elective: 3, 4, 5. Not offered 1947-48.
 Mr. Lin

Sociology 314 Frontier Society 3
 Prerequisite: Sociology 221. Elective: 3, 4, 5. MWF 10:20. Mr. Lin

Sociology 321 Population and Society 3
 Prerequisite: 3 courses in Sociology, Economics, or Political Science.
 Elective: 3, 4, 5. MWF 10:20. Mr. Chao

Sociology 324 Family and Society 3
 Prerequisite: 3 courses in Sociology, Economics, or Political Science.
 Elective: 3, 4, 5. Not offered 1947-48. Mr. Lin

Sociology 327 Law and Social Order 3
 Prerequisite: 3 courses in Sociology, Economics, or Political Science.
 Elective: 3, 4, 5. TThS 9:20. Mr. Yen

Sociology 329 or 330 Comparative Religion 3
 Prerequisite: 3 courses in Sociology, Economics, or Political Science.
 Elective: 3, 4, 5. Not offered 1947-48.

Sociology 331 or 332 Language, Thought and Culture 3
 Prerequisite: 3 courses in Sociology, Economics, or Political Science.
 Elective: 3, 4, 5. Not offered 1947-48. Mr. Yen

Sociology 336 Cultural Contact and Social Change 3
 Prerequisite: 3 courses in Sociology, Economics, or Political Science.
 Elective: 3, 4, 5. Not offered 1947-48. Mr. Yen

Sociology 338 Personality and Culture 3
 Prerequisite: Psychology 209 or 110. Elective: 3, 4. Time to be ar-
 ranged. Identical with Psychology 246. Mr. Sailer

Sociology 342 Educational Sociology 3
 Prerequisite: 3 courses in Sociology, Economics, or Political Science.
 Elective: 3, 4, 5. TThS 9:20. Mr. Yen

Sociology 345 Child in Society 3
 Required: majors in the Child Welfare Training Program. Prerequisite:
 3 courses in Sociology, Economics, Political Science, Psychology,
 Education, or Home Economics. Elective: 3, 4. TThS 10:20. Miss Lei

Sociology 348 Women in Society 3
 Prerequisite: 3 courses in Sociology, Economics, Political Science, Psy-
 chology, Education, or Home Economics. Elective: 3, 4. TThS 10:20.
 Miss Lei

Sociology 350 Child Welfare Problems
 Required: majors in the Child Welfare Training Program. Elective:
 3, 4. Not offered 1947-48.

Sociology 366	Administration of Social Agencies	3
Prerequisite: Sociology 264. Elective 3, 4. Not offered 1947-48.		
		Miss Lei
Sociology 368	Case Study Method	3
Required: majors in the Child Welfare Training Program.		
Prerequisite: 3 courses in Sociology, Economics, or Political Science.		
Elective: 3, 4, 5. TThS 9:20. Mr. Yen and Miss Chu		
Sociology 381	Principles of Social Reconstruction	2
Prerequisite: 3 courses in Sociology, Economics, or Political Science.		
Elective: 3, 4, 5. F 2:10-4:00. Mr. Chang		
Sociology 411-412	Contemporary Sociological Theories	3-3
Prerequisite: 15 credits in Sociology. Required: majors.		
Elective: 4, 5. MWF 11:20. Mr. Chao or Mr. Lin		
Sociology 421	Comparative Study of Human Societies	3
Prerequisite: 15 credits in Sociology. Elective: 4, 5.		
Not offered 1947-48. Mr. Chao		
Sociology 424	Comparative Social Institutions	3
Prerequisite: 15 credits in Sociology. Elective: 4, 5.		
Not offered 1947-48. Mr. Lin		
Sociology 431 & 432	Seminar in Anthropology and Sociology	3 & 3
Prerequisite: 15 credits in Sociology. Elective: 4, 5.		
Not offered 1947-48. Mr. Lin		
Sociology 435 & 436	Field Research	3 & 3
Required: majors. Open only to majors. Elective: 4, 5.		
Time to be arranged. Mr. Lin		
Sociology 491 & 492	Field Work	3 & 3
Required: majors in Social Work. Open only to majors.		
Elective: 4, 5. Time to be arranged. Miss Lei		
Sociology 497-498	Senior Thesis	2-2
Required: majors. Staff		

SPECIAL OR INTERDEPARTMENTAL PROGRAMS OF STUDY

Pre-medical Program

Students who wish to prepare themselves for the study of medicine in Peiping Union Medical College may register as majors in the Department of Biology, taking the Pre-medical Program. On satisfactory completion of three years of Pre-medical work, they may take the entrance examination of the P. U. M. C.; and upon satisfactory completion of the first year of medical work in the College, they will be granted the B. S. degree from the University. Those who enter other medical colleges than P. U. M. C. are not entitled to the degree.

When a student, having completed the three years of pre-medical work, finds it impossible to go on with medicine, he may, if his record is satisfactory, obtain permission from the Department of Biology to continue one more year in the University for the B. S. degree.

Students in the Program are required to fulfil the following requirements:

Chinese 101-102 and electives	12
English 101-102, and 205-206 or its equivalent	16
Mathematics 101-102	6
Biology 101 or 102, 201 (optional), 202, 301	18 or 13
Chemistry 101 or 102, 201, 202, 204 (optional), 321, and 322	24 or 20
Physics 101-102 and 205-206	12
Arts	6
Social Science	6
Physical Education	6
Electives	4 or 8 or 13
Total	110

Pre-nursing Program

Students who wish to prepare themselves for the study of nursing in the School of Nursing of the P. U. M. C. may register as majors in Education or Home Economics, taking the Pre-nursing Program. On satisfactory completion of 2½ years of pre-nursing work, they will be admitted into the School of Nursing; and upon satisfactory completion of the work in the School, they will be granted the B. A. or B. S. degree by the University.

Pre-nursing students who register as majors in Education are expected to take the following courses during the 2½ years in the University:

Chinese 101-102	6
English 101-102	8
Biology 103-104	6
Chemistry 101 or 102	5
Sociology 101-102	6
Psychology 101 or 102	3
Physical Education	5
Courses in Education or strictly correlative	12

Those who register as majors in Home Economics are expected to take a total of 21 credits of Home Economics during the 2½ years in the University. Psychology 209 or 110, however, may be counted as a major course.

Industrial Training Program

Students who wish to enter the engineering profession may register as majors in Physics or Chemistry, taking the Industrial Training Program. Upon satisfactory completion of the Program, which requires 10 semesters and 3 summers of work, they will be granted the B. S. degree from the University.

All students in the Program take the same courses during the first and second years. In the second semester of the fourth year and the first semester of the fifth year, they will be sent to cooperating industries to practice under the direction of the Faculty of the University. The schedules of courses for the fourth and fifth years given below are tentative.

First Year		
Chinese 101-102	Freshman Chinese	3 - 3
English 101-102	Freshman English	4 - 4
Physics 101-102	General Physics	3 - 3
Mathematics 101-102	Introduction to the Calculus	3 - 3
Chemistry 101	General Inorganic Chemistry	5
Physics 152	Engineering Drawing	2
Elective		3
Physical Education		1 - 1
		<hr/>
		19 - 19

Summer School:

Physics S 155 Surveying I 3 wks. Physics S 156 Shop Work I 3 wks.

Second Year		
English 205-206	Sophomore English	4 - 4
Mathematics 261	Descriptive Geometry	2
Mathematics 227-228	Intermediate Calculus	3 - 3
Chemistry 201	Qualitative Analysis	4
Chemistry 202 A	Quantitative Analysis	3
Physics 201-202	Electricity and Magnetism	4 - 4
Physics 253-254	Survey of Industrial Vocations	1 - 1
Elective		3
Physical Education		1 - 1
		<hr/>
		19 - 19

Summer School:

Physics S 255 Surveying II 2 wks. Physics S 256 Shop Work II 2 wks.
Physics S 257 Hydraulic Laboratory 2 wks.

APPLIED PHYSICS MAJORS

Third Year		
Economics 293-294	Book-keeping and Business Organization	2 - 2
Physics 351-352	Applied Mechanics	3 - 3
Physics 357-358	Mechanism and Machine Design	5 - 5
Physics 359	Materials of Engineering	2
Physics 360	Mechanics of Materials	3
Physics 361-362	Heat Power Thermodynamics and Engineering	4 - 4
Physical Education		1 - 1
		<hr/>
		17 - 18

Summer School.

Physics S 355 Surveying III 2 wks. Physics S 356 Shop Work 3 4 wks.

Fourth Year		
Physics 457	Testing Materials	3
Physics 459	D.C. and A.C. Machinery	8
Physics 461	Experimental Engineering	2
Physics 451	Structures I	4
		<hr/>
		17

	Fifth Year	
Physics 464	Power Plants	3
Physics 462	Power Plant Laboratory	4
Option :		10

Applied Mechanics Majors

Physics 466	Heating, Plumbing, Wiring	3
Physics 468	Factory Problems and Design	2
Physics 452	Structures II	5

Applied Electricity Majors

Physics 458	Electronics	5
Physics 460	Advanced Electricity	5

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Textile Technology Majors

Third Year

Economics 293-294	Book-keeping and Business Organization	2 - 2
Physics 351	Applied Mechanics	3
Physics 357-358	Mechanism and Machine Design	3 - 2
Physics 361-362	Heat Power Thermodynamics and Engineering	4 - 4
Chemistry 321	Organic Chemistry	4
Physics 370	Technology of Textile Fibres	2
Physics 372	Elementary Textile Design	2
Physics 374	Cloth Analysis	2
Physics 376	Cotton and Wool Spinning	2
Physical Education		1 - 1

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Summer School:

Physics S 378	Textile Shop	6 wks.
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Fourth Year

Physics 458	D. C. and A. C. Machinery	8
Physics 475	Weaving Machinery	2
Physics 471	Advanced Textile Design	2
Physics 473	Textile Testing	2
Chemistry 475	Dyeing	3

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	Fifth Year	
Physics 462a	Power Plant Laboratory	2
Physics 466	Heating, Plumbing, Wiring	3
Physics 480	Personnel Management	1
Physics 482	Rayon	2
Physics 474	Spinning; Cotton, Wool, Hemp, Etc.	3
Physics 476	Weaving Machinery	2
Physics 472	Textile Finishing; Cotton, Wool, Etc.	3
Physics 478	Textile Mill Design	2

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APPLIED CHEMISTRY MAJORS

Third Year

Economics 293-264	Book-keeping and Business Organization	2 - 2
Physics 351	Applied Mechanics	3
Physics 361-362	Heat Power Thermodynamics and Engineering	4 - 4
Chemistry 321-322	Organic Chemistry	4 - 4
Chemistry 331-332	Physical Chemistry	4 - 4
Chemistry 202 A	Quantitative Analysis	3
(For the present third year class; in future Chemistry 357)		
Physical Education		1 - 1

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Summer School:

Chemistry S 358	Chemistry Laboratories	6 wks.
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Fourth Year

Physics 459	D. C. and A. C. Machinery	8
Chemistry 451	Industrial Chemistry	7
Chemistry 473	Industrial Stechiometry	2

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Fifth Year

Physics 462 a	Power Plant Laboratory	2
Chemistry 452	Industrial Chemistry	7
Technical Elective		8

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The Child Welfare Training Program

The Child Welfare Training Program is a cooperative project of the following four Departments of the University: Psychology, Education, Home Economics, and Sociology. The purpose of the Program is to train (1) organizers of the child welfare program for the community, (2) administrators of children's institutions, (3) child welfare social workers (case workers and group workers), and (4) nursery and kindergarten teachers and supervisors.

Students who are interested in child welfare work may register as majors in one of the four Departments mentioned above. The thesis must be written in relation to the field of Child Welfare and the following courses are required:

Sociology 345	Child in Society
Sociology 350	Child Welfare Problems
Home Economics 231 & 232	Child Care and Development
Psychology 209 or 110	Mental Hygiene
Home Economics 203 & 204	Food Selection and Preparation
Home Economics 333 or 334	Nursery School
Sociology 281 or 282	Child Health and Diseases
Sociology 368	Case Study Method
Sociology 491 & 492	Field Work (to be completed in the summer at the end of the junior year)

The degree of B. A. or B. S. will be granted to students who have satisfactorily completed the Program and all other requirements.

CORRIGENDA

- P. 7, line 7, "347-348" should be changed to read "347 & 348",
and "2-2" " " " " "2 & 2".
- P. 12, line 27, "3 3" " " " " "3-3".
- P. 16, line 17, "3" " " " " "3 & 3".
- P. 16, line 19, "3" " " " " "3 & 3".
- P. 18, line 15, "241-242" " " " " "241-242*",
and "2-2" " " " " "2-2*".
- P. 27, line 26, "2-2" " " " " "2-2*".
- P. 31, line 17 " " " " as follows:
"Physics 546 Molecular Spectra 3".
- P. 36, line 13, "4" should be changed to read "4-4*".
- P. 36, line 17, "4" " " " " "4-4".
- P. 36, line 27, "3" " " " " "3-3".
- P. 36, line 31, "4" " " " " "4-4".
- P. 36, line 33, "2" " " " " "2-2".
- P. 47, line 30 " " " " as follows:
"Sociology 350 Child Welfare Problems 3".
- P. 49, line 22 should be changed to read as follows:
"and 321-322".
- P. 50, line 4 should be changed to read as follows:
"English 101-102, 205-206 or equivalent".



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1948-49

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The following two years will be spent at Yenching University, where the course of study will include Chinese History, Philosophy, International and Social Relations.

Course B, a two-year course, is offered to students who are not candidates for a degree from Yenching University.

The first year will be spent at the College of Chinese Studies in Peiping.

The second year will be spent at Yenching University, where the student will pursue a special one-year curriculum in Chinese cultural studies, given mainly in English.

For further information apply to the American office of the University:

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