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COLLEGE FILES  
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Yenching  
Academic  
Graduate Division 1930-1932

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第一表

學  
年  
目  
類

年 學 本

學系	生物	化學	物理	哲學	國文	歷史	教育	新聞	經濟	政治	社會	心理
學系	4	4	3	5	7	3	2	2	5	6	11	2
教育*	4											
課目**	43	47	37	38	33	55	12	20	18	53	83	22
學生	8	12	3	2	3	2	3	2	11	14	2	3
待位生	鄔靜嫻 劉承詒	陳慎胎	○	施友忠	杜奉符 凌景璇	○	○	○	聶光坻 聶光地	龍瀟 侯樹彤	房福安 周勵秋	○

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第二表

學年	學目類	學系	教員	課目	學生	待位生
十四至十五		6	20	130	15	1
十五至十六		8	30	156	24	1
十六至十七		7	21	240	33	7
十七至十八		10	56	432	56	12
十八至十九		12	59	476	65	12

\*以參加者計

\*\*以學分計

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吾國大學之興至今已十餘年中間畢業學生有進研究院之深造者何啻千百又當鼎革之秋百廢待舉國家之有需於專門人材者正亟故凡國內大學程度優美學科齊備若本校者其對於開辦研究院一端勢有必需無旁篇況本校久經基督教高等教育會議議決為教會大學中特辦研究院之機關是以當局年來對於研究院之經營特別注意此次在美籌募基金所以求本科課程之完備亦欲令各系得有餘力以組織研究院之課程俾研究院之基礎因得而逐漸確立也

民國十九年六月二十一日

研究院委員會主席徐淑希

燕 京 大 學  
YENCHING UNIVERSITY  
BULLETIN

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Announcement of Courses  
Graduate Division  
1930=31

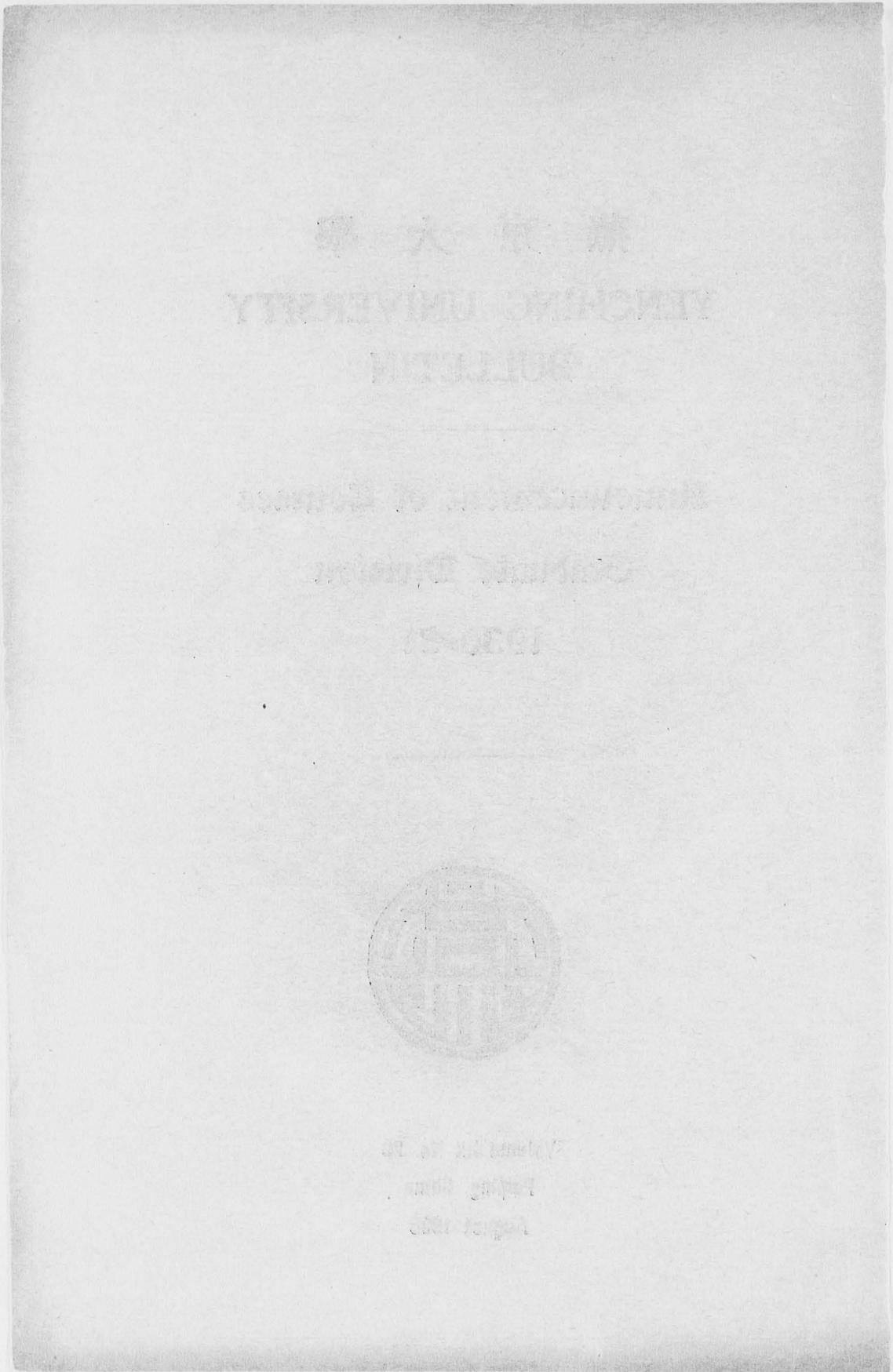
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Volume XII No. 20  
Peiping, China  
August 1930

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燕京大學  
YENCHING UNIVERSITY  
BULLETIN

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Announcement of Courses  
Graduate Division  
1930-31

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Volume XII No. 20  
Peiping, China  
August 1930

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# YENCHING UNIVERSITY

## ACADEMIC CALENDAR

1930-1931

### Fall Semester

Fall Semester begins	Sept. 1 (Mon.)
Dormitories open to students	Sept. 1 (Mon.)
Placement examinations for transfer students	Sept. 3 (Wed.)
Faculty professional conference	Sept. 5 (Fri.)—Sept. 6 (Sat.)
Registration	Sept. 10 (Wed.)—Sept. 12 (Fri.)
Classwork begins	Sept. 16 (Tues.)
Late registration with fine	Sept. 16 (Tues.)—Sept. 29 (Mon.)
Change of courses without fine	Sept. 16 (Tues.)—Sept. 22 (Mon.)
Last day for taking make-up examinations	Sept. 22 (Mon.)
Change of courses with fine	Sept. 23 (Tues.)—Sept. 29 (Mon.)
National holiday	Oct. 10 (Fri.)
Senior thesis topic due	Oct. 15 (Wed.)
Sun Yat Sen's birthday anniversary	Nov. 12 (Wed.)
Freshman mid-semester examinations	Nov. 17 (Mon.)—Nov. 22 (Sat.)
Senior thesis outline due	Dec. 1 (Mon.)
New Year holiday	Dec. 21 (Sun.)—Jan. 10 (Sat.)
University anniversary	Dec. 25 (Thurs.)—Dec. 26 (Fri.)
Founding of the Republic of China anniversary	Jan. 1 (Thurs.)
Fall semester examinations	Jan. 22 (Thurs.)—Jan. 31 (Sat.)

### Spring Semester

Spring semester begins	Feb. 1 (Sun.)
Registration	Feb. 9 (Mon.)—Feb. 10 (Tues.)
Classwork begins	Feb. 12 (Thurs.)
Late registration with fine	Feb. 12 (Thurs.)—Feb. 25 (Wed.)
Change of courses without fine	Feb. 12 (Thurs.)—Feb. 18 (Wed.)
Last day for taking make-up examinations	Feb. 18 (Wed.)
Change of courses with fine	Feb. 19 (Thurs.)—Feb. 25 (Wed.)
Sun Yat Sen's memorial day	Mar. 12 (Thurs.)
Huang Hua Kang memorial day	Mar. 29 (Sun.)
Master's thesis due to major department	Apr. 1 (Wed.)
Spring recess	Apr. 4 (Sat.)—Apr. 6 (Mon.)
Master's thesis due to graduate committee	May 1 (Fri.)
Senior thesis due to major department	May 1 (Fri.)
Alumni home-coming day	May 2 (Sat.)
Senior thesis due to dean of college	May 15 (Fri.)
Spring semester examinations	June 11 (Thurs.)—June 20 (Sat.)
Baccalaureate	June 21 (Sun.)
Class day	June 22 (Mon.)
Commencement	June 23 (Tues.)

OFFICERS OF GRADUATE ADMINISTRATION

Wu Lei-Ch'uan Hanlin Academy .... Chancellor  
J. Leighton Stuart, B.D., D.D. .... President

Committee for the Graduate Division

Shuhsi Hsü, Ph. D. .... Chairman  
Sui Wang, Miss, M.A., Ph. D. .... Secretary  
A. M. Boring, Miss, Ph. D.  
M. S. Frame, Mrs., D. Litt.  
C. W. Luh, Ph. D.  
Y. P. Mei, Ph. D.  
J. B. Tayler, M.S.  
Ph. de Vargas, Ph. D.  
S. D. Wilson, Ph. D.

Chairmen of Departments

C. F. Wu, M.A., Ph. D. .... Biology  
E. O. Wilson, B.S., S. M. .... Chemistry  
Kiam Ma, M.A. .... Chinese  
H. J. Huang, M.A., Ph. D. .... Economics  
H. S. Galt, B.D., D.D., Ed. D. .... Education  
William Hung, M.A., S. T. B. .... History  
Vernon Nash, B.J., M. A. .... Journalism  
L. T. Huang, Ph. D. .... Philosophy  
Y. M. Hsieh, M.A., Ph. D. .... Physics  
Shuhsi Hsü, Ph. D. .... Political Science  
C. W. Luh, Ph. D. .... Psychology  
Leonard S. Hsü, LL. B., Ph. D. .... Sociology

Address Communication to

Y. P. Mei. .... Registrar

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## GENERAL STATEMENT

In the academic year of 1930-31 the following Departments will offer courses of study leading to the degrees of Master of Arts and Master of Science:

Biology	Chemistry	Chinese	Economics
Education	History	Journalism	Philosophy
Physics	Political Science	Psychology	Sociology

### Admission

Students who wish to enroll as graduate students in these Departments should write to the Registrar for an application form, have it filled out as directed therein, and mail it back to the same officer, together with all relevant material on or before August 20; but applications received after May 1, may, in certain cases, have to be rejected on account of lack of accommodation. The applicant will hear from the Registrar whether he is admitted after his case has been passed upon by the Committee for the Graduate Division.

To be a regular graduate student an applicant must have (1) an undergraduate record equivalent to the degree of Bachelor of Arts or Science of Yenching University, (2) sufficient preparation in the chosen field of study; (3) ability to express himself correctly and clearly in Chinese; and (4) a command of English adequate for the demand of the course of study to be pursued. In addition, he must be a student of more than average intelligence. This requirement is ordinarily met by the applicant's presenting an undergraduate record which has the merit-point credit to the value of 1.30 according to the Yenching standard, i.e., the *general weighted average* of all the undergraduate work must be at least 76%, or in other words the *general grade ratio* of all the undergraduate work must show the merit value of 1.30 according to the following table:

Grades	Percentage Scale	Merit Value
E (Excellent)	91-100	2.00
G (Good)	81-90	1.50
M (Medium)	71-80	1.00
P (Poor)	61-70	0.50
F (Failure)	Below 61	0

**Example:**

To calculate the general grade ratio (GGR) of the following six courses taken in a semester:

<i>Subject</i>	<i>No. of credits</i>	<i>Grade</i>	<i>Merit value</i>
Chinese	2	G	3.00
English	4	M	4.00
Biology	4	G	6.00
Chemistry	4	G	6.00
Mathematics	2	G	3.00
Sociology	2	M	2.00
Total of credits	18		Total merit-points 24.00

$$\text{General Grade Ratio} = \frac{24.00}{18} = 1.33$$

Consideration will be given to an applicant whose failure to maintain the required undergraduate standing is due not to low intelligence, but to some accidental cause. Exception may also be made in favor of an applicant who is exceptionally promising in the line he proposes to pursue as a graduate student, and whose standing though below the set mark of 1.30 is not too far removed from it. In either case a letter of testimony or recommendation from the proper authorities is necessary. Students admitted on this basis will be special graduate students.

### Registration

Having received the notification of admission the student may proceed to the University to register on the day set for the purpose in the University Calendar, in accordance with the "Registration Procedure" announced on the Bulletin Board, bringing with him as evidence of admission the letter from the Registrar.

For late registration or failure to complete registration by the time indicated in the University Calendar a fine will be imposed. No student, old or new, may be permitted to register if he arrives later than two weeks after the first day of class work.

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Students are allowed to change courses only before or on the date set in the Calendar.

### Graduation

To graduate with the degree of Master of Arts or Master of Science a candidate is required to have (1) the minimum of one year's residence in the University; (2) 18-22 credits of Graduate Division courses listed below with the minimum grade of M for each course and a minimum general grade ratio of 1.30; and (3) a thesis representing individual investigation and equivalent to 8-12 credits of work. In addition, the candidate must show in his special studies and thesis:

- (a) Ability to express himself clearly and forcibly;
- (b) General knowledge of the whole field of studies within which his special subject is found;
- (c) Mastery of the methods of investigation required for his major subject, and
- (d) Evidence of capacity for individual search for material to be studied, original thinking and scientific judgment.

For determining the foregoing points a candidate is required to pass the following examinations in addition to such as are given in the graduate courses which he may have elected:

- (a) Such written examinations in the whole field of the candidate's special interest as may be required by the Department in which his major subject is taken;
- (b) An oral examination upon the candidate's thesis by a committee specially appointed for the purpose.

In order that the special committee may have sufficient time to examine the thesis, the candidate is required to submit it in proper form to the Chairman of the Committee for the Graduate Division on or before the first of May.

### Fees

	per Semester	per Year
Application fee	3	
Admission fee	2	
Tuition (per credit)	4	
Auditing fee (per credit)	2	
Work taken to make-up deficiencies (per credit)	2	
Maximum tuition fee (per semester)	50	
Minimum tuition fee (per semester)	10	
Board	35	70
Dormitory room, light, heat and water	20	40
Dormitory key deposit		1
Dormitory reservation deposit		5
Natural science laboratory fees :		
Biology	5	10
Chemistry	5	10
Chemistry (organic)	7	14
Chemistry breakage deposit	3	6
Chemistry laboratory fee for students doing research work for M. S. degree		7
Physics courses	5	10
Medical fee	2	4
Athletic fee	2	4
Incidental fee	2	4
Diploma fee (Master's degree)		10

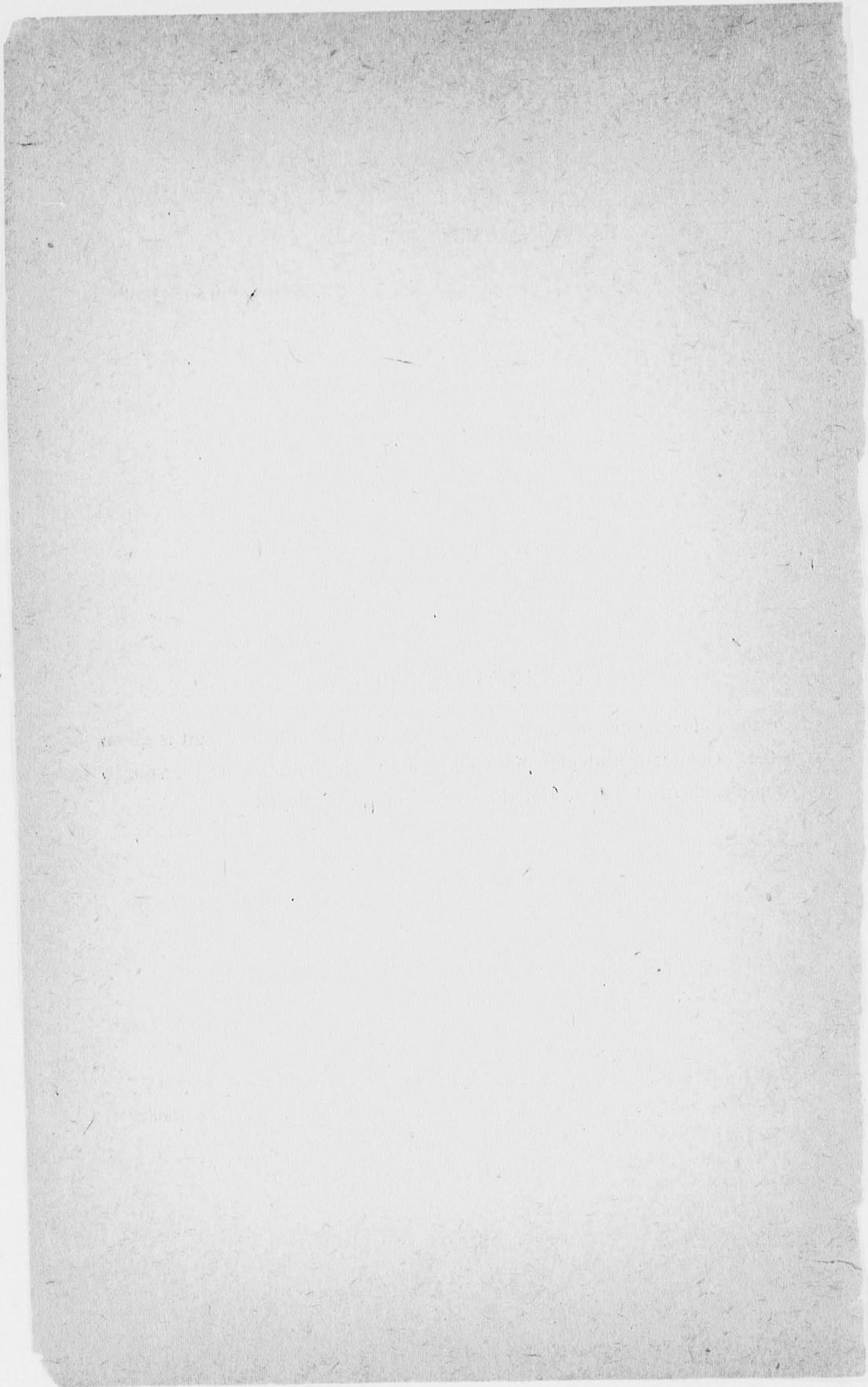
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### **COURSES OF STUDY**

In the following pages only courses for which graduate credit is given are listed. Graduate students who wish to elect other courses are referred to the Announcement of Courses for the Undergraduate Colleges.

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DEPARTMENT OF BIOLOGY

Chenfu F. Wu, M.A., Ph. D. .... *Professor and Chairman*  
 Alice M. Boring, M.A., Ph. D. .... *Professor*  
 Ju-ch'i Li, M.A., Ph. D. .... *Assistant Professor*  
 Ju-ch'iang Liu, M.S. .... *Assistant Professor*

**Biology 101**                      **General Embryology**                      **Credits 3**

The course is designed to acquaint the students 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 most important facts of recent experimental embryology are outlined. The latter part of the semester is devoted to a comparative study of the early development of the vertebrates, particularly frog and chick; the origin and development of the germinal layers, organogenesis and the formation of embryonic membranes are emphasized. Two lectures and three laboratory hours.

Prerequisite: Biology 51, 52  
 Lecture: T Th 10:30  
 Laboratory: F 1:30-4:30

Mr. Li

**Biology 102**                      **Genetics**                      **Credits 3**

The object of the course is to give the students 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, chromosome theory of heredity and mechanism of sex determination are critically discussed. The work is rounded up by the study of biometry and its applications. The first two weeks of laboratory work are devoted to the study of unit characters and method of handling experimental material. The study of the inheritance in corn is taken up, followed by a number of breeding experiments on *Drosophila*. Two lectures and three laboratory hours.

Prerequisite: Biology 51, 52  
 Lecture: TTh 10:30.  
 Laboratory: F 1:30-4:30

Mr. Li

**Biology 103**                      **Biological Technique**                      **Credits 2**

Principles and practice of making microscopic preparations. Guyer's Animal Micrology will be followed. Six laboratory hours.

Prerequisite: Biology 51 52  
 Laboratory: MW 1:30-4:30

Mr. Wu

**Biology 104****Biological Technique****Credits 2**

A practical study of various laboratory methods in collecting preserving and preparing biological specimens for class and laboratory work. Six laboratory hours.

Prerequisite: Biology 103

Laboratory: MW 1:30-4:30

Mr. Wu

**Biology 105****Animal Histology****Credits 4**

A general study of animal cells and tissues and some typical organs. Fresh material will be studied where possible, and its reaction to various chemicals, which constitutes a foundation for the study of microscopic technique. Two lectures and six laboratory hours.

Prerequisite: Biology 51 52

Lecture: TTh 9:30

Laboratory: MW 1:30-4:30

Miss Boring

**Biology 106****General Entomology****Credits 4**

A study of the morphological characters of insects and the representatives of the different orders, with emphasis on their evolutionary relationships, life histories, economic importance and methods of control. Two lectures and six laboratory hours.

Prerequisite: Biology 51

Lecture: MW 8:00

Laboratory: TTh 1:30-4:30

Mr. Wu

**Biology 153****Journal Club****Credit 1**

In this course the faculty and students will give reports on articles in current biological journals. One conference hour.

Prerequisite: Two years of Biology

Conference: Time to be arranged

Mr. Li

**Biology 154****Journal Club****Credit 1**

In this course the faculty and students will give reports on articles in current biological journals. One conference hour.

Prerequisite: Two years of Biology

Conference: Time to be arranged

Mr. Li

**Biology 156****General Bacteriology****Credits 4**

A general study of the action of bacteria, yeasts and molds, with emphasis on cultural and staining methods. Two lectures and six laboratory hours.

Prerequisite: Biology 51, 52 Chem. 3-4

Lecture: TTh 9:30

Laboratory: MW 1:30-4:30

Mr. Liu



### THESIS

A graduate student should choose to carry on a problem in one of the fields of Biology at the suggestion and under the direction and supervision of one of the Professors concerned with the subject, and should complete a thesis which embodies the results of the investigation and shows evidence of capacity for independent research, originality and initiativeness. The minimum of one year is required for preparing the thesis in residence at the University. The thesis should be equivalent in value to 3-12 credits of advanced work in Biology.

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DEPARTMENT OF CHEMISTRY

E. O. Wilson, B. S., S. M.....*Professor and Chairman*  
\*Stanley D. Wilson, M. A., Ph. D.....*Professor*  
Wm. H. Adolph, B. A., Ph. D.....*Professor*  
T. C. Wang, B. A.....*Instructor*

Chemistry 116      **Chemistry of Food and Nutrition**      **Credits 2**

Physiological chemistry as applied to human metabolism and nutrition.  
Lectures and conferences. Readings in recent journal contributions.

Prerequisite: Chemistry 117

Lectures and Conferences: T Th 9:00

Mr. Adolph

Chemistry 117      **General Bio-chemistry**      **Credits 3**

An introductory course including a study of carbohydrates, fats and proteins,—  
with the fundamental conceptions of bio-chemistry as applied to life processes and  
metabolism.

Prerequisites: Chemistry 5, 6, 9

Laboratory: T Th 9:00—12:30

Lecture and Conference: To be arranged

Mr. Adolph

Chemistry 119      **Leather Chemistry**      **Credits 4**

A study of the chemistry of leather manufacture. The subject is taken up from  
the viewpoint of physical chemistry. The various tanning operations are reviewed  
and the importance of chemical control emphasized. The laboratory work illustrates  
in a quantitative manner some of the most important of the theories presented. Two  
lectures and six hours laboratory work.

Prerequisite: Chemistry 6 and 9

Lecture: T Th 10:30. First Semester

Laboratory: To be arranged

Mr. E. O. Wilson

Chemistry 120      **Leather Chemistry**      **Credits 4**

The analysis of materials and products used in the leather industry. Rapid  
methods suitable for actual use in the tannery are studied. Two conferences and six  
laboratory hours.

Prerequisite: Chemistry 119

Lecture: Conference T Th 8:00. Second Semester

Laboratory: Time to be arranged

Mr. E. O. Wilson

\*absent on leave

**Chemistry 121-122      Industrial Chemistry      Credits 3-3**

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. Three lectures and recitations.

Prerequisite : Chemistry 6 and 9

Lecture : T Th F 11:30

Mr. E. O. Wilson

**Chemistry 123      Technical Analysis      Credits 4**

This course is designed to accompany Course 121. 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 6

Time to be arranged. First Semester

Mr. E. O. Wilson

**Chemistry 124      Special Problems in Applied Chemistry      Credits 4**

This course should accompany or follow the courses in industrial chemistry and technical analysis. Individual or group investigations will be conducted, the particular nature of the problems will depend upon the interests and previous training of the students. Laboratory and informal conferences.

Prerequisite: Chemistry 123

Time to be arranged. Second Semester

Mr. E.O. Wilson

**Chemistry 127      Qualitative Organic Analysis      Credits 3**

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 10

Time to be arranged

Mr. Wang

**Chemistry 129      Quantitative Organic Analysis      Credits 3**

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 10

Time to be arranged. Not offered 1930-31

Mr. Wang

**Chemistry 131-132                      Physical Chemistry                      Credits 4-4**

A careful study of the fundamental laws and principles of chemistry. The laboratory exercises are all of a quantitative nature. Two lectures and six laboratory hours.

Prerequisite: Chemistry 6 and 10, and a knowledge of the Calculus.

Time to be arranged

Mr. E.O. Wilson

**Chemistry 133-134                      Advanced Organic Chemistry                      Credits 4-4**

Lectures, reports on literature, and laboratory work in organic chemistry of a more advanced nature than that given in Chemistry 109-110. Two lectures and six laboratory hours.

Prerequisite: Chemistry 110

Lectures: WF 8:00. Not offered 1930-31

Laboratory: Time to be arranged

Mr. S.D. Wilson

**Chemistry 139                      Seminar in Bio-chemistry                      Credit 1**

For students specializing in Biochemistry.

Prerequisite: Chemistry 116

Time to be arranged

Mr. Adolph

**Chemistry 140                      Seminar in Biochemistry                      Credit 1**

For students specializing in Biochemistry.

Prerequisite: Chemistry 139

Time to be arranged

Mr. Adolph

**Chemistry 142                      Metabolism                      Credits 2**

Laboratory study of metabolic processes. Simple feeding experiments and problems in metabolism.

Prerequisite: Chemistry 117; chemistry 116 is also prerequisite or should follow or be accompanied by chemistry 116. Six laboratory hours.

Laboratory: Time to be arranged

Mr. Adolph

**Chemistry 144                      Biophysics                      Credits 3**

A study of the laws of physics and chemistry applied to biological processes; osmosis, surface tension, colloids, enzyme action. Two lectures and three laboratory hours.

Prerequisites: Biology 2, Physics 5, Chemistry 5

Laboratory: Time to be arranged

Lecture: Time to be arranged

Mr. Adolph

Chemistry 152

Advanced Physical Chemistry

Credits 2

A Seminar Course.

Prerequisite: Chemistry 132

Not offered 1930-31

Mr. S.D. Wilson

#### THESIS

Suitably prepared students may elect research work for the master's thesis in the following fields: inorganic chemistry, organic chemistry, physical chemistry, food chemistry, biochemistry, and applied chemistry. All candidates for the Master's degree in chemistry will be required to present a creditable thesis. The time devoted to the thesis will in general be equivalent to 8-12 credit hours. Such work can be elected only with the approval of the Chairman of the Department and of the staff member directing the individual piece of work.

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DEPARTMENT OF CHINESE

Ma Kiam, M. A. .... *Professor and Chairman*  
 Jung Keng .... *Professor*  
 Kuo Shao-yu .... *Professor*  
 Ku Sui .... *Lecturer*  
 Li Shao Hsi .... *Lecturer*  
 Yang Chen-sheng .... *Lecturer*

Hwang Lechung Tsetung, M.A., Ph. D. .... *Professor,*  
*Department of Philosophy*  
 Hsu Ti-shan, M.A., B. D., B. Litt (Oxford) .... *Assistant Professor,*  
*School of Religion*

Chinese 163-164      Studies of Chinese Sketch-books      Credits 2

筆記分類研究

筆記爲文人學者自由抒寫之文，其內容至爲豐富，本課選授各時代之筆記，  
 討論其文學上之價值，并分類搜集材料以爲研究各種學術之資。

M 2:30-4:30 (Second semester)

Mr. Ma

Chinese 167      Methods of Teaching Chinese for  
 Jr. and Sr. Middle Schools      Credits 2-2

中學國文教學法

本課由教育學系與國文學系合辦，其內容爲 一 研究并討論教材之選擇  
 及支配； 二 研究並實習教授方法。

W 2:30-4:30 (First semester)

Mr. Ma

Chinese 171-172      Study of "Sao" and "Fu"      Credits 2-2

騷賦研究

本課選授騷賦代表作品，使學者得賞味并審識古人神思形貌之所在，藉以  
 明散文與韻文之關係。

TTh 10:30

Mr. Ku

Chinese 173      Poetry of the T'ang Period Compared  
 with the Poetry of the West      Credits 2

唐詩與西洋詩的比較研究

MW 11:30 (First semester)

Mr. Hwang

- Chinese 174 Poetry of the Sung Period Compared with the Poetry of the West Credits 2  
 宋詩與西洋詩的比較研究  
 MW 11:30 (Second semester) Mr. Hwang
- Chinese 175-176 Comparative Studies of Modern Literature Credits 2-2  
 近代文學之比較研究  
 此課程係研究班性質，就各種文辭中如戲劇，小說，詩歌，散文等，擇取歐洲各國之名著與中國之作品作比較的研究，其目的在參證外國文學作品，以求中國新文學之創造，凡能讀英文較易及有志新文學之研究者可入此班。  
 W 2:30-4:30 Mr. Yang
- Chinese 201 Bibliography of Chinese Literary Criticism Credits 2  
 文史研究  
 本課程專研究中國文學批評之書籍，以昔時目錄家所著錄於文史類或詩文評類者為範圍，而復益以詞話曲話之屬，從事於考訂校勘輯佚疏解等項之研究。  
 Th. 9:30-11:30 Mr. Kuo
- Chinese 204 Study of T'ao Yuan-ming Credits 2  
 陶集研究  
 本課程分論陶淵明之個性，環境思想，文辭，與其淵源影響，以及後人擬陶，和陶，集陶諸作，至陶集各種版本及註解本與各家所定本譜，亦均重加考訂，校勘，以為研究專集專家之示例。  
 Mr. Kuo
- Chinese 207-208 Buddhist Literature Credits 2-2  
 佛教文學  
 選授中國歷代佛教關於文學之作品。  
 T. Th. 1:30 Mr. Hsu
- Chinese 221 Study of "Shuo Wen" Credits 3  
 說文研究  
 說文為解說形義音三者之字書，本課注重練習，為考讀古書之門徑。  
 MWF 10:30 (First semester) Mr. Jung
- Chinese 222 Chinese Paleography Credits 3  
 甲骨鐘鼎文字之研究  
 上古文字之見存者以甲骨文，金文為最要，其文字與記載多有關於文字及史學，本課在指道學者認識及應用此種材料以為研究之資，而並及於古代文字之比較。  
 MWF 10:30 (Second semester) Mr. Jung

Chinese 227-228

Modern Chinese Language

Credits 3-3

近代語研究

用歸納的方法，就宋元以來約九百年間之語體的文學作品，及其他著述記載，考其語言之特徵及變遷，以完成本國文語言學上“近代語”之系統。

其應用上之目的：一 知現代國語之如何形成及統一的趨勢；二 知現代方言分布之理；三 知語言轉變與文學革新之關係；四 於古典的字書辭典以外，期成“近代語辭書”以便研究近代文學或教學近代讀物者之稽檢。

Th. 1:30-4:30

Mr. Li

Chinese 231-232

Textual Critique of Chinese Literature

Credits 2-2

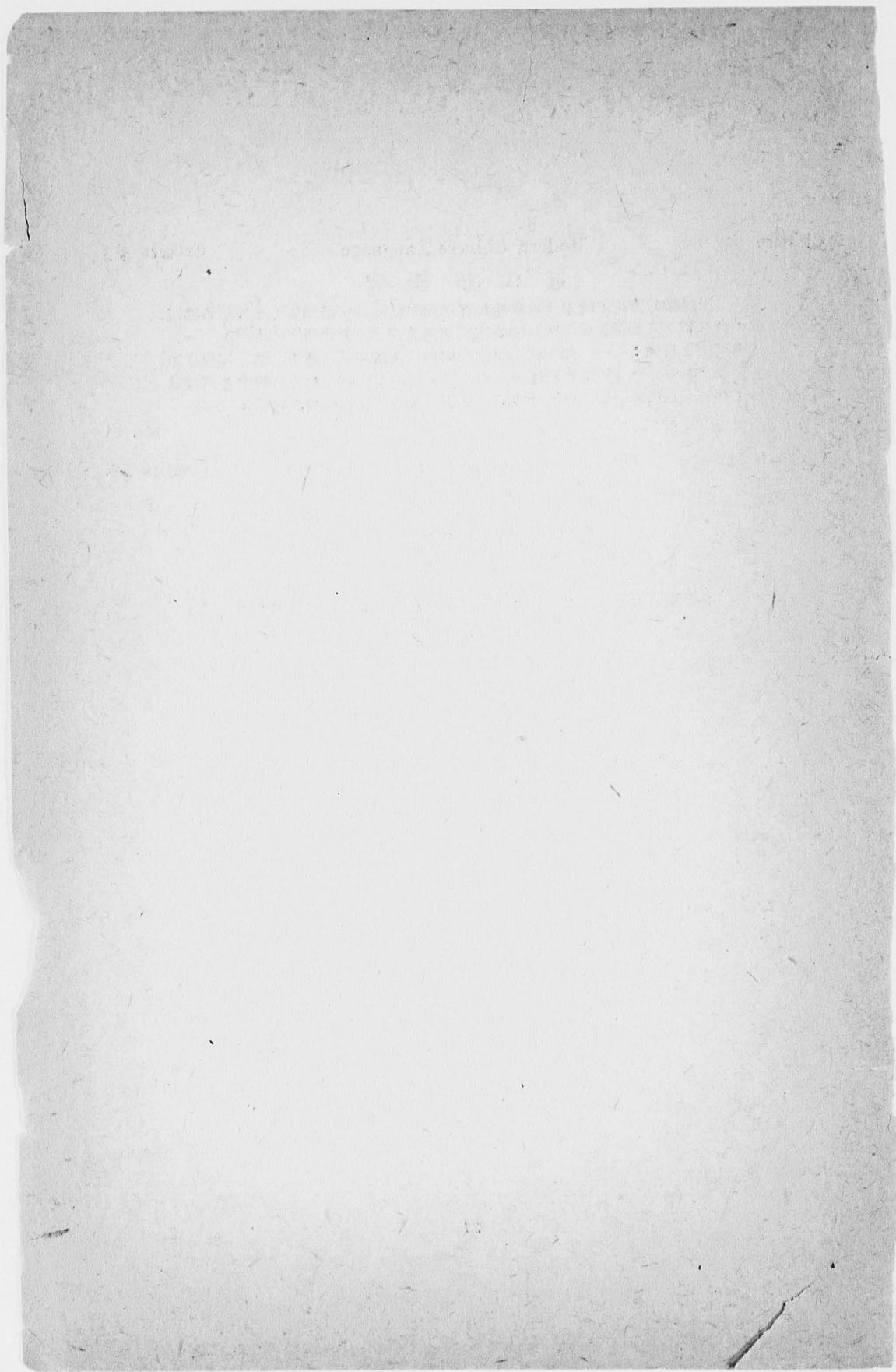
校勘學

THESIS

論文

本學系碩士待位生須作論文一篇入學時與學系主任接洽規定一切

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0003

0003

DEPARTMENT OF ECONOMICS.

Hsien-Ju Huang, M.A., Ph. D.....*Assistant Professor and Acting  
Chairman*

\*J. B. Tayler, M.Sc.....*Professor*

Tsung-Chi Jen, M. A.....*Assistant Professor*

W. Gideon Chen, M. A.....*Assistant Professor*

Tai-Lai Lee, M. A.....*Assistant Professor*

Pao-Hsun Chu, M. A., Ph. D.....*Assistant Professor*

Chao-Chih Yu, M.B.A., C.P.A.....*Lecturer*

Economics 113-114      Value and Distribution      Credits 3-3

A survey of the leading theories of value and distribution. Lectures and discussions.

Elective: 4, 5.

Prerequisite: Econ. 13-14

Mr. Huang

Economics 119-120      Types of Economic Theory      Credits 3-3

An examination of the salient features of the outstanding types of economic theory, their central problems, their strength and weaknesses, and the recent tendencies in economic theory.

Elective: 5.

Prerequisite: Econ. 111-112 or Econ. 113-114.

Mr. Chu

Economics 129      Industrial Legislation and Its adminis-  
tration.      Credits 3

A brief survey of the historical development of industrial legislation in national and international actions. A critical study of the existing industrial laws and regulations in China: (a) Trade Union Law; (b) factory law; (c) regulations governing industrial disputes, strikes and lockouts, conciliation and arbitration; (d) mining law; (e) special and local legislation. Problem of administration.

Elective: 3, 4, 5.

Prerequisite: Econ. 13-14

Mr. Chen

Economics 132      International Economic Policies      Credits 3

A survey of the development of international economic policies with a view to uncovering the economic factors leading to international conflicts, and emphasizing mercantilism, free trade, and protection; the tariff systems of leading commercial nations; the types of customs duties; the principles and methods of tariff bargaining; trade promoting institutions; colonial tariff policies; anti-dumping legislation; raw materials; navigation policies; and international loans and investments.

Elective: 4, 5.

Prerequisite: Econ. 13-14.

Mr. Huang

\*Absent on leave

**Economics 141-142      Problems of Public Finance      Credits 2-2**

An examination of the more technical and more complicated problems of public finance which are not covered in Economics 33-34. Considerable reading is required. Lectures, reports, and discussions.

Elective: 5.

Prerequisite: Econ. 33-34.

Admission only by permission of the instructor.

Mr. Huang

**Economics 151-152      Second year Accounting      Credits 3-3**

This course aims to train the students in the advanced theory and practice of accounts. Extensive study will be made through assigned readings. A series of problems, covering various phases, will be solved by students. Stress will also be laid upon the managerial problems from the standpoint of financing, organization, and analysis of accounts.

Elective: 4, 5.

Prerequisite: Econ. 51-52.

Mr. Yu

**Economics 153-154      Cost Accounting      Credits 3-3**

This course is designed to acquaint the students with the general method of cost keeping. The accounting procedure for material, labour, and overhead consumed in manufacture is thoroughly discussed. In addition to a job-order cost set, special problems will be given to develop the various phases of cost determination.

Elective: 4, 5.

Prerequisite: Econ. 51-52 or Econ. 151-152.

Mr. Yu

**Economics 155-156      Auditing      Credits 3-3**

The subject is developed along the lines of four topics: namely, how to begin an audit, what to do during an audit, how to end an audit, and what to do after an audit. In the discussion of the subject matter special attention will be given to the Chinese regulations and the custom and habits of the Chinese people.

Elective: 4, 5.

Prerequisite: Econ. 51-52 and 151-152.

**Economics 162      Foreign Exchange      Credits 2**

Balance of international payments; rates of exchange; bills of exchange; letters of credit; international transfer of capital; the exchange market in important commercial countries.

Elective: 4, 5.

Prerequisite: Econ. 61-62.

Mr. Lee

**Economics 163      Monetary Problems      Credits 3**

Elective: 4, 5.

Prerequisite: Econ. 61-62

Mr. Lee

Economics 175-176      Special Problems in Statistics      Credits 3-3

Elective: 4, 5.  
Prerequisite: Econ. 17-18.

Economics 191-192      Advanced Labour Problems      Credits 2

Special topics are taken up for intensive investigation and report. Class meetings are devoted to discussion and critical examination of results. Each student regularly confers with the instructor as he carries forward his individual piece of work.

Elective: 4, 5.  
Prerequisite: Econ. 123.

Economics 195      Problems in Cooperation      Credits 2

Recent developments and problems in the cooperative movement. Cooperative legislation. Outstanding questions as to cooperative development in China.

Elective: 4, 5.  
Prerequisite: Econ. 127. and Econ. 128.  
Not offered in 1930-31.

Mr. Tayler

Economics 196      Problems in Rural Economics      Credits 2

Detailed attention to land legislation, land policy, land settlement, agricultural prices and other matters of interest to the class concerned.

Elective: 4, 5.  
Prerequisite: Econ. 125.  
Not offered in 1930-31.

Economics 197-198      Seminar in Chinese Economic  
Development      Credits 2-2

This course is an attempt to train students to do research work in Chinese Economic History, particularly on the recent economic development of China, and growth of foreign and domestic trade. Statistical analysis of figures in the Customs Reports will be dealt with in this course. Some knowledge of statistics is required.

Elective: 5.  
Prerequisite: Econ. 13-14.

Mr. Jen



DEPARTMENT OF EDUCATION

Howard S. Galt, Ed. D. .... *Professor and Chairman*

Henry H. Chou, M. A., Ph. D. .... *Professor*

Education 201-202      Duties and Problems of the      Credits 2-2  
Middle School Principal

This course will endeavor to analyze and study systematically the tasks of the middle school principal. The needs and experiences of the members of the class will partially determine the scope and treatment of the material. Attention will be given both to the principles and to concrete applications. The method will include discussion, investigation, assigned readings and lectures.

Elective: 4, 5.

Lecture: T Th 3:30.

Mr. Galt

Education 203-204      New Theories of the Curriculum      Credits 2-2

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

Elective: 4, 5.

Lecture: WF 9:30.

Mr. Galt

Education 205-206      Measurement and Experimentation      Credits 2-2  
in Education

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, the comparison of the pupils' educational products and experimentation with methods of teaching are all within the province of this course. It is recommended to administrators, as well as research students in education.

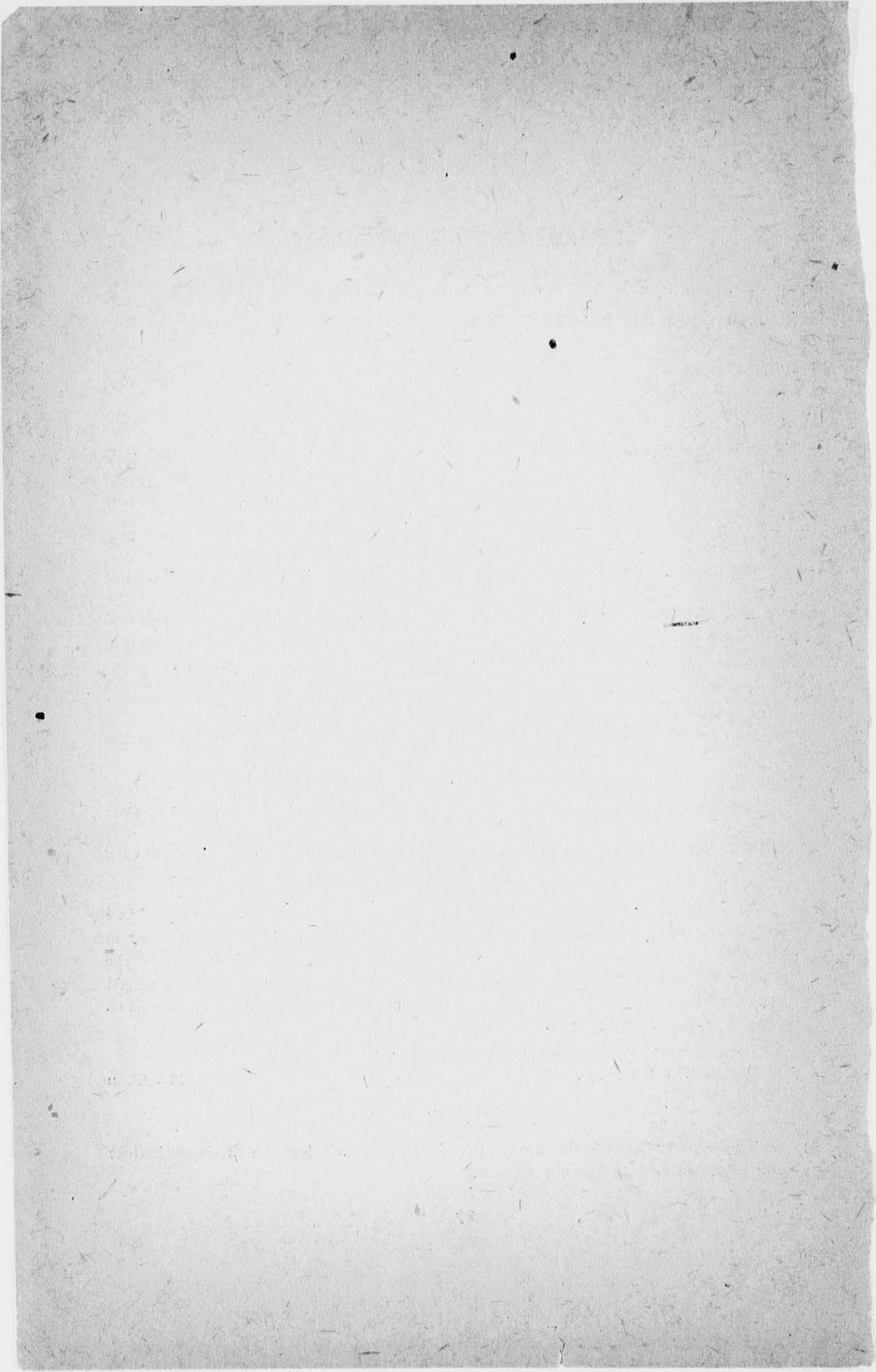
Prerequisite: Education 141

Lecture: T Th 11:30.

Mr. Chou

THESIS

The Department of Education requires for the Master's degree a thesis equivalent to at least twelve credit points of work.



0009

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DEPARTMENT OF HISTORY

William Hung, M.A., S. T. B.	....	....	....	....	Professor and Chairman
Ch'en Yuan	....	....	....	....	Professor
Ku Chieh-kang	....	....	....	....	Professor
*Philippe de Vargas, Ph. D.	....	....	....	....	Professor
Mrs. Murray S. Frame, B.D., D. Litt.	....	....	....	....	Professor
Chang Hsing-lang, B. S.	....	....	....	....	Assistant Professor
Jung Keng	....	....	....	....	Professor in Department of Chinese

- History 11-12 Research in Ancient Chinese History Credits 3-3**  
 A study of the materials concerning ancient China which are contained in the **classics** and in the **philosophers**; with a search for traces of the alterations which have taken place at different periods.  
 Elective: 3, 4, 5.  
 Was given 1929-30. (Not offered 1930-31) Mr. Ku
- History 13-14 Research in Ancient Chinese History Credits 3-3**  
 Deals in the same way as History 11-12 with the **historical books**.  
 Elective: 3, 4, 5.  
 T. 2:30-4:20, Th. 3:30 Mr. Ku
- History 19-20 The Sung, Liao, Kin and Yuan Dynasties Credits 2-2**  
 The races involved, the rise and fall of the several dynasties, their government and diplomacy, their cultural characteristics. Mr. Chang
- History 41-42 History and Geography of the North-West Credits 2-2**  
 Studies in the history and geography of the provinces and States on the northern and western frontiers of China, with special emphasis on the contacts between Europe and Asia.  
 Was given 1929-1930 (Not offered 1930-31) Mr. Chang
- History 43-44 History and Geography of the North-West Credits 2-2**  
 Continuation of History 41-42 Mr. Chang
- History 61-62 Studies in the History of Christianity in China Credits 2-2**  
 The origin, development, and influence of Christianity in China, with special treatment of recently discovered documents of the Kanghsi period.  
 Elective: 3, 4, 5.  
 W. S. 11:30 Mr. Chen

\*absent on leave





**Journalism 110**                      **Problems of the Publisher.**                      **Credits 2**

A study with wide reading assignments of all the problems in editorial direction—ethical, professional and legal—which confront the responsible chief executive of a publication.

T Th 11:30

Mr. Nash.

**Journalism 123-124**                      **History and Principles of**                      **Credits 2-2**  
**Journalism**

Seminar discussions with selected senior and graduate students, all students to be engaged in making, under supervision, individual studies in some phases of the history of journalism, particularly in China and the Far East. Hours by arrangement.

Mr. Nash.

**Journalism 201-2**                      **The Place of the Press in the**                      **Credits 2-2**  
**Modern Social Order.**

Wide reading assignments with seminar discussions.

Mr. Nash.

**Journalism 203-4**                      **Research in Journalism**                      **Credits 3-3**

The work of this course will, as a rule, be closely coordinated with the requirements of each individual for the writing of his graduate thesis.

Mr. Nash.

**THESIS.**

The thesis of a graduate student in journalism must consist of the findings of original individual research by the student in some subject directly and intimately related to the professional problems of a journalist. In most cases, it will be required that the study confine itself to Far Eastern phases of the problem. Since comparatively little material is now available for such studies, the writing of a thesis will ordinarily be combined with the work in Jour. 203-4.

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- Philosophy 23-24**                      **Logic**                      **Credits 2-2**  
 A thorough study of the fundamental problems in logic such as concept, judgment, causal connection, analogy, use of hypothesis, etc.  
 Lecture: T Th 10:30                      Mr. Hwang
- Philosophy 27-28**                      **Epistemology and Metaphysics**                      **Credits 2-2**  
 A critical examination of the fundamental concepts in Epistemology and Metaphysics such as mind and matter, space and time, appearance and reality, the one and the many, with special reference to the answers given by philosophers past and present.  
 Lecture: T Th 9:30                      Mr. Hwang
- Philosophy 29-30**                      **Logical Problems in Contemporary Philosophy**                      **Credits 2-2**  
 An advanced study of the logical problems in contemporary philosophy with the view to stimulating the students to find out their own solutions for certain philosophical problems of to-day.  
 Lecture: T Th 11:30                      Mr. Hwang
- Philosophy 63-64**                      **Ethics**                      **Credits 2-2**  
 A thorough study of the important concepts in Ethics such as good and evil, right and wrong, virtue and justice, duty, etc. This course not only attempts to help the students understand the subject clearly, but also emphasizes their independent thinking.  
 Lecture: T Th 10:30                      Mr. Mei
- Philosophy 127-128**                      **History of Logic**                      **Credits 2-2**  
 Different schools of philosophy from the early Greek period up to the time of Hegel will be critically examined in connection with logical problems such as substance and attributes, etc.  
 Lecture: W F 11:30                      Mr. Hwang
- Philosophy 151-152**                      **Contemporary Philosophy**                      **Credits 2-2**  
 The lecturer will try to bring out the important problems in contemporary philosophy instead of giving lectures on individual philosophers.  
 Lecture: T Th 10:30                      Mr. Chang
- Philosophy 183-184**                      **Philosophy of Plato**                      **Credits 2-2**  
 The epistemological and metaphysical problems in the Platonic Dialogues will be discussed with special reference to "Parmenides", "Theaetetus", "The Sophist" and "The Republic".  
 Lecture: W F 10:30                      Mr. Hwang

- Philosophy 187**                      **Stoics and Epicureans**                      **Credits 2**  
 A study of the fundamental concepts of the Greeks and how the Stoics and Epicureans applied them to life.  
 Lecture: First semester, T Th 1:30                      Mr. Hwang
- Philosophy 191-192**                      **Spinoza and Leibniz**                      **Credits 2-2**  
 The problem of the one and the many will be studied in the light of Monism and Monadology.  
 Lecture: T Th 2:30                      Mr. Hwang
- Philosophy 195-196**                      **Philosophy of Hume**                      **Credits 2-2**  
 To study Hume's contribution to Epistemology and Metaphysics which led to the critical philosophy of Kant. "A Treatise of Human Nature" will be used for the basis of discussion.  
 Lecture: T. 3:30-5:30                      Mr. Hwang
- Philosophy 197-198**                      **Philosophy of Kant**                      **Credits 2-2**  
 A detailed study of the metaphysical, epistemological, ethical, and aesthetical solutions offered by Kant through his important works such as the three Critiques. In studying the Kantian philosophy, students are encouraged to form their own opinion about the philosophical problems of to-day. Lectures and discussions.  
 Lecture: T Th 9:30                      Mr. Hwang
- Philosophy 211-212**                      **Philosophy of Bergson**                      **Credits 2-2**  
 An intensive study of Bergson's philosophy, paying special attention to the influence of Darwinism on modern philosophy. Students will be also led to study why the theologian in the West has taken such an interest in Vitalism. Time and Free Will, Creative Evolution will be used for the basis of discussion.  
 Lecture: M W 10:30                      Mr. Chang
- Philosophy 221-222 (Religion 73-74)**                      **Philosophy of Religion**                      **Credits 2-2**  
 A study of the nature and scope of religion and its problems in the light of evolutionary theory and of the knowledge of religious history and religious psychology.  
 Lecture: W. F. 3:30                      Mr. Chao
- Philosophy 227-228**                      **Religious Implications of Contemporary Philosophy.**                      **Credits 2-2**  
 A study of the attitude of our contemporary philosophers towards religion and their influence on religious thinking. Idealism, Pragmatism, Realism and Vitalism will be dealt with in connection with religion.  
 Offered 1930-31 and in alternate years.                      Mr. Chao

**Philosophy 271-272, Philosophy 273-274, Philosophy 275-276.**

**Research Courses**

Advanced courses in Ethics, Philosophy of Science, Logic and Metaphysics for graduates, will be directed by the staff of the Department.

**Philosophy 277-278, Philosophy 279-280, Philosophy 281-282.**

**Research Courses**

Students expecting to specialize in Plato, Aristotle and Kant will find it necessary to take such Courses.

Mr. Chang  
Mr. Hwang

**THESIS**

Each student writing the thesis for M.A. must be able to show his ability in doing research work and his thorough knowledge and originality in his specialized field.

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DEPARTMENT OF PHYSICS

Y. M. Hsieh, M.A., Ph. D. .... *Professor and Chairman*  
D. K. Yang, B.S., M.S. .... *Assistant Professor*  
William Band, B. Sc., M. Sc. .... *Lecturer*

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Physics 103      An Introduction to Mathematical Physics I      Credits 3

Vectors and vectorial Operators used throughout the course. Kinematics, Dynamics of a particle and General Principles applied to planetary motion. Statistical Theory of Thermodynamics. Electrostatic and Magnetostatic Field.

Prerequisite: Physics 5,6,7, & Calculus, Physics 101-2 desirable.

Time to be arranged.

Mr. Band

Physics 104      An Introduction to Mathematical Physics II      Credits 3

Theory of Wave Functions, Maxwell's Theory of Electromagnetic Field. Solution of Field Equations in Particular cases. Radiation Pressure, Energy and Mass. Restricted Relativity and Lorentz Transformation. Minkowski's 4-Vectors. General Solution of Field Equations, Motion of Electrons. Tensors, Invariant relativity form to Field Equations.

Prerequisite: Same as for Physics 103.

Time to be arranged.

Mr. Band

Physics 105      Vector Analysis      Credits 3

Elements of vector algebra and calculus and the linear vector function in three dimensions.

Prerequisite: Physics 5,6,7, and Calculus

Time to be arranged

Mr. Band

Physics 111      Kinetic Theory of Gases      Credits 4

Viscosity, capillarity, diffusion, change of state, the distribution of linear velocities among the molecules of a gas, the equipartition of kinetic energy and the theory of specific heats, and Brownian movement and allied phenomena.

Prerequisite: Physics 5-6, and Calculus

Lectures: MWF 10:30 B 115

Laboratory: W 1:30-4:30 B114

Mr. Hsieh

- Physics 115**                      **Thermodynamics**                      **Credits 3**  
 The principles of thermodynamics and their application to physical and chemical processes. Three lectures and solution of problems.  
 Prerequisite: Physics 5,6, and Calculus, Physics 111 desirable.  
 Lectures: MWF 9:30 B115                      Mr. Band
- Physics 117**                      **Quantum Theory**                      **Credits 3**  
 Statistical theory of heat, quantum statistics, quantum theory of radiation, statistical mechanics and wave mechanics of the atom. Three lectures.  
 Prerequisite: Physics 5,6,7, and Calculus, and Physics 115  
 Time to be arranged.                      Mr. Band
- Physics 131-2**                      **Advanced Optics**                      **Credits 4-4**  
 The course deals with the more important phenomena and their fundamental theory both in geometrical and physical optics. Laboratory work with lens system, diffraction phenomena due to single slit, double slit, diffraction grating of reflection and transmission types, photometer, refractometer, interferometer, and polarimeter. Three lectures and 3 laboratory hours.  
 Prerequisite: Physics 5,6,7, and Calculus  
 Lectures: MWF 10:30 B115  
 Laboratory: Th 1:30-4:30 B114                      Mr. Hsieh
- Physics 141**                      **Advanced Electricity and Magnetism**                      **Credits 3**  
 Electrostatics, electrokinetics and magnetism.  
 Prerequisite: Physics 5,6,7, and Calculus  
 Lectures: TThS 9:30 B115                      Mr. Yang
- Physics 142**                      **Direct Current Electrical Measurements**                      **Credits 3**  
 Prerequisite: Same as for Physics 141.  
 Laboratory: TTh 1:30-4:30 B103                      Mr. Yang
- Physics 144**                      **Alternating Current Electrical Measurements**                      **Credits 3**  
 One lecture and 6 laboratory hours.  
 Prerequisite: Physics 5,6,7, and Calculus.  
 Laboratory: Time to be arranged.                      Mr. Yang
- Physics 151**                      **Modern Developments in Physics**                      **Credits 4**  
 Conduction of electricity through gases, thermionics, photoelectricity, X-rays and atomic structure. Three lectures and 3 laboratory hours.  
 Prerequisite: Physics 5,6,7,141, and Calculus.  
 Lectures: MWF 10:30 B115  
 Laboratory: Time to be arranged.                      Mr. Hsieh

**Physics 153-4    The Natural Philosophy of Modern Physics    Credits 2-2**

To include the Natural Philosophy of Whitehead, Broad, Russell and Eddington; introduced by a summary of the theories of Relativity, Wave Mechanics of the Atom, and Statistical Mechanics.

This course would be suitable for Graduates from other colleges or subjects, besides giving students and graduates in physics a grasp of the significance of their own subject; it is not intended as exactly elementary in nature, but the physics included will be as non technical as possible. There would be sufficient difficulty found in understanding the philosophical part of the subject however to make the course suitable more to mature students than to undergraduates.

To be elected with the permission of the instructor.

Lectures: TTh 8:00 B115

Mr. Band

**Physics 161    Physics Journal Club    Credits 1**

This organization, consisting of all instructors and graduate and senior students, meets weekly, for the review and discussion of the current literature in this department of study. Regular attendance at the meetings of this club is required of graduate and senior students in the Department.

Prerequisite: at least two years of Physics

Time: T 4:30-6:30 B115

Mr. Hsieh

**Physics 162    Physics Journal Club    Credits 1**

For description of the course and conditions of election see Physics 161.

Mr. Hsieh

### THESIS

To graduate students with the necessary training who desire to undertake original work the Department offers its facilities of equipment and direction. In the case of students without research experience an attempt will be made to teach the fundamentals of method and technique. Instruction entirely informal.

The minimum of one year is required for preparing the thesis in residence at the University. The time devoted to the thesis will in general be equivalent to 3-12 credit hours. Such work can be elected only with the approval of the Chairman of the Department and of the Staff member directing the individual piece of work.

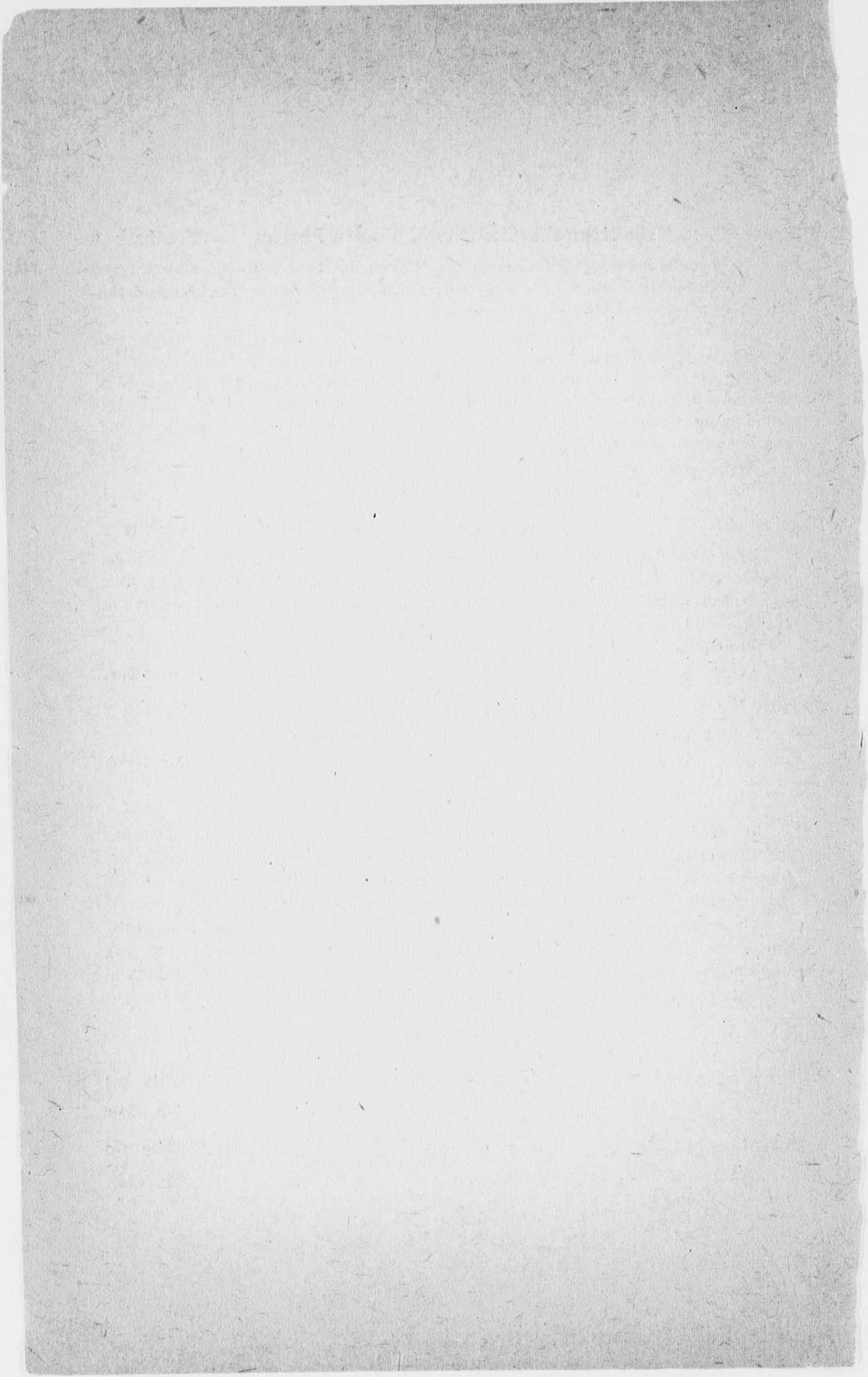
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**Mathematics 55-56    Advanced Calculus    Credits 4-4**

Mr. Chen

**Mathematics 151-152    Theory of Functions    Credits 2-2**

Mr. Chen



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Political Science 77-78

M W F 2:30 M126

History of Diplomacy

Credits 3-3

Mr. Duncan

Political Science 81-82

Time to be arranged.

Frontier Problems

Credits 3-3

Mr. Hsü

### Law

Political Science 105-106

S 9:30 M126

Legal Theory

Credits 1-1

Mr. Kuo

Political Science 111-112

The historical development of Roman law, law of persons, law of things, of obligations and of succession.

M 8:00-9:30 M122

Roman Law

Credits 2-2

Mr. Bevan

Political Science 123-124

This and the following course form a comprehensive study of the Chinese Civil Law from both the theoretical and practical points of view. The present course will cover the following three parts: (a) General Provisions (b) Family Law and (c) Law of Succession.

T Th S 8:00 M126

Civil Law I

Credits 3-3

Mr. Kuo

Political Science 125-126

A continuation of Civil Law I, covering the remaining parts of the Civil Law: (d) Law of Obligations and (e) Law of Things.

Time to be arranged

Civil Law II

Credits 3-3

Mr. Kuo

Political Science 135-136

This course deals with a body of rules governing the application of foreign private laws in national court. It is more commonly known in Continental Europe as international private law.

T Th 9:30 M126

Conflict of Laws

Credits 2-2

Mr. Kuo

### THESIS

The Department requires for the Master's Degree a thesis equivalent to at least twelve credit point of work.



DEPARTMENT OF PSYCHOLOGY

C. W. Luh, Ph. D. .... *Professor and Chairman*  
 T. T. Lew, M.A., B.D., Ph. D., T.S.D., D.D. .... *Professor*  
 R. C. Sailer, M.A. .... *Assistant Professor*

**Psychology 105-106      Systematic Psychology      Credits 2-2**  
 Systematic study of the theoretical basis of some representative schools.  
 Prerequisite: 10 credits in Psychology.  
 Given 1929-30 and alternate years. Mr. Luh

**Psychology 111      Advanced Experimental Psychology      Credits 3**  
 Continuation of Psychology 5. Special emphasis on the reading of original literature. Discussion and experiment to center around a few main topics.  
 Prerequisite: Psychology 5 and 6.  
 Lecture: MWF 9:30  
 Laboratory: Time to be arranged Mr. Luh

**Psychology 112      Advanced Experimental Psychology      Credits 3**  
 Continuation of Psychology 6.  
 Prerequisite: Psychology 5 and 6.  
 Lecture: MWF 9:30  
 Laboratory: Time to be arranged Mr. Luh

**Psychology 119      Advanced Course in Intelligence      Credits 3**  
 More detailed treatment of the theories of intelligence and of construction and correlation technique.  
 Prerequisite: Psychology 118 and evidence of adequate mathematical ability.  
 Given 1928-29 and alternate years Mr. Sailer

**Psychology 120      Personality      Credits 3**  
 A comprehensive study of the theories of and the experiments on personality. Emphasis on its will-temperament side.  
 Prerequisite: Psychology 118.  
 Given 1928-29 and alternate years Mr. Sailer

**Psychology 158      Learning and Memory      Credits 3**  
 A survey of the experimental literature on learning and memory. Some crucial experiments may be performed.  
 Prerequisite: Psychology 5-6, 103, 117; Biology 1-2  
 Not given 1930-1931 Mr. Lew and Mr. Luh

**Psychology 161                      Animal Psychology                      Credits 3 or 4**

A Comparative study of the behavior of the vertebrates, especially in its relation to human behavior.

Prerequisite: Psychology 5 and 6, Biology 4.  
Not given 1930-1931

**Psychology 172      The Neurological Basis of Psychology                      Credits 3 or 4**

Elementary study of the anatomy and physiology of the vertebrate nervous system, emphasizing its bearing on human and animal psychology.

Prerequisite: Psychology 5 and 6, Biology 4.  
Given second semester 1930-1931 and alternate years                      Mr. Luh

**Psychology 191                      Journal Club                      Credits 1 for each semester**

The staff and students will give reports on current literature.  
Prerequisite: At least 10 credits in Psychology.                      Psychology Staff.

**THESIS**

Each graduate student is assigned an experimental problem to work out under the supervision of a member of the departmental staff. The amount of work will be equivalent to 8-12 credits, the exact number to be fixed at the time when the topic is assigned.

DEPARTMENT OF SOCIOLOGY AND SOCIAL WORK

Leonard S. Hsu, LL. B., Ph. D. .... *Professor and Chairman*  
 \*J. S. Burgess, Ph. D. .... *Professor*  
 J. D. H. Lamb, Ph. D., Jur. D. .... *Professor*  
 Cato Young, Ph. D. .... *Professor*  
 Wu Wen-tsao, Ph. D. .... *Assistant Professor*  
 Chang Hung-chun, M. A. .... *Lecturer*  
 Roberta S. White, Ph. D. .... *Lecturer*  
 Ch'i Wen-fu, B. A. .... *Part-time Lecturer*  
 Wang Chieh-I, M. A. .... *Instructor*

Hsu Ti-shan, M. A., B. Litt. .... *Assistant Professor in Religion.*

Sociology 101-102      History of Social Thought      Credits 3-3

A survey of the social thinking of Greece, Rome, Europe and America including the development of the movement for the scientific study of human society from the days of Comte and Spencer to the present. Special attention will be paid to source materials.

Pre-requisite: Sociology 3-4  
 MWF 9:30

Mr. Wu

Sociology 103-104      Chinese Social Thought      Credits 2-2

A general survey of the social thought of Chinese scholars from Lao Tzu and Confucius to present-day writers.

T 2: 30-4: 20

Mr. Ch'i

Sociology 107      Primitive Society      Credits 3

Special studies of the life and institutions of the primitive society such as art, religion, morality, education, industry, etc.

Pre-requisite: Sociology 7

Mr. Hsü

Sociology 109-110      Seminar in Sociology and Anthropology      Credits 2-2

The content of this course varies from year to year. Special permission of the instructor is required.

WF 11:30

First semester Mr. Hsu  
 Second semester Mr. Wu

\*Absent on leave

**Sociology 115**                      **Chinese Social Problems**                      **Credits 3**

An intensive study of some social problems in China, such as population, poverty, family disorganization, race conflict, labor unrest, industrial transformation, crime, vice and recreation, social movements etc. Special emphasis upon original research and discussion. Offered second semester.

Prerequisite: Sociology 1-2  
TThS 9:30

Mr. Young

**Sociology 117-118**                      **Social Legislation**                      **Credits 3-3**

This course is intended to trace the origin and development of social legislation with special emphasis on the application of the laws which include (1) Laws relating to Child Labour and the Employment of Women; (2) Laws dealing with the Hours of Work and Wages; (3) Laws relating to Health and Safety; (4) Laws dealing with Social Insurance, including Old Age Pension and Unemployment; (5) Laws for the Settlement of Industrial Disputes; (6) Trade Union Laws; (7) Laws for the Suppression of Vices, such as Gambling, Opium Traffic, and Prostitution; (8) Laws for the abolition of Poverty, Slavery, Vagabondage, and Mendicancy; (9) Housing and Taxation Laws; (10) Immigration and Migration Laws; and (11) Marriage and Divorce Laws.

MWF 10:30

Mr. Lamb

**Sociology 119**                      **Social Insurance**                      **Credits 3**

This course is designed to acquaint students with the most modern system of insurance. The whole history of social insurance covers but the last fifty years. The course includes Industrial Accident insurance, Compulsory Health Insurance, Maternity Insurance, Old Age Pension, Mothers' Pension, Unemployment Insurance, etc. Offered first semester.

T 8:00 T Th 9:30,

Mr. Lamb

**Sociology 120**                      **Psychiatric Social Work**                      **Credits 2**

Field work may be arranged by taking Soc. 144 or 151

Prerequisite: Soc. 53-4

Elective: 3, 4, 5.

T Th 9:30 Second semester

Miss White

**Sociology 121**                      **Population**                      **Credits 3**

The dynamics of population; factors affecting birth rates and death rates and migrations. The problem of over-population and uneven distribution of population, its effect upon nationalism and imperialism, and its conscious control through national group action; with special reference to China. Offered first semester.

MWF 9:30

Mr. Hsu

**Sociology 122****Family****Credits 3**

A study of the evolution of the family and problems of contemporary family life with special emphasis on China. Offered second semester.

Prerequisite: Sociology 1-2

MWF 1:30

Mr. Wu

**Sociology 124****Urban Sociology****Credits 3**

A study of the problems of the modern city, and the effect of urbanization upon the development of social customs and institutions. Students will be asked to make a special study of a city with which they are familiar as the basis for discussion.

Not offered 1930-31

**Sociology 125****Community Organization and Problems****Credits 3**

A study of the various form of community life in the West and in China. A survey of the various forms of community organization and of modern community movements. The relation of the local community and its development to democracy and social progress. Offered second semester.

Field Work may be arranged by taking Soc. 144 or 151.

MWF 11:30

Mr. Chang

**Sociology 126****Theories of Social Problems****Credits 3**

The nature of progress; its tests, conditions and factors. A study of the trend of social change as influenced by geographic and technical environment; by heredity and race; by social attitudes and forms of association. Emphasis is laid on the discovery of principles, with a view to enabling the student to work out his own philosophy of progress and to find norms whereby to judge the value and tendency of social movements.

Not offered 1930-31

Mr. Hsu or Mr. Wu

**Sociology 129****Rural Sociology****Credits 3**

An analysis of the rural community; its nature, development, population, environment, social contact, social interest and social institutions. The organization and leadership of the rural community are also considered in the course. Offered first semester.

TTh S 10:30

Mr. Young

**Sociology 130****Rural Social Service Administration****Credits 3**

A general treatment of the rural social problem; its nature, extent, causes and treatment. Policies and programmes will be dealt with in detail. Offered second semester.

Field work in rural social work may be arranged by taking sociology 144.

TTh S 10:30

Mr. Young

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**Sociology 131-132 Seminar in Social Legislation and Industrial Welfare Credits 2-2**

Content of this course varies from year to year. Special permission of the instructor is required.

T Th 10:30

Mr. Lamb

**Sociology 137-138 Seminar in Rural Sociology Credits 2-2**

Content of this course varies from year.

W 2:30-4:20

Mr. Young

**Sociology 139 Case Work Methods Credits 2**

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; and the study of interviewing and case studies as fundamental to much of community organization and research. Offered first semester.

Field work may be arranged by taking Sociology 144 or Sociology 151.

T 2:50-4:20

Miss Pruitt

**Sociology 140 Medical Social Service Credits 2**

The history and development of medical social service; the medical needs of society; the social worker's response to that need; methods of using the community, especially hospitals and dispensaries; discussions of main social diseases, especially tuberculosis and syphilis; the psychology of the sick, and the scope of medical service in relation to hospital, patient and community.

Field work may be arranged by taking Sociology 144 or Sociology 151.

Prerequisite: Sociology 139

Not offered 1930-31

Miss Pruitt

**Sociology 143 Child Welfare Problems Credits 3**

A study of the principles of child welfare and of the problems involved in meeting social obligations to childhood, child mortality, child health, play and recreation, child labour, juvenile delinquency etc. Field work can be arranged by taking Sociology 144.

Elective: 3, 4, 5

T Th 9:30 First semester

Miss White

**Sociology 145 Public Welfare Administration Credits 3**

A comparative study of the organization and functions of those departments of the government specially designed to deal with the problems of poverty, dependency, and delinquency in the West and in China. Due consideration will be given to the

relations, between central and local authorities and between private and public agencies in the carrying out of their functions. Offered first semester. Field work may be arranged by taking Sociology 144 or Sociology 151.

Prerequisite: Sociology 53-4.  
MWF 10:30

Mr. Chang

**Sociology 146 Administration of Social Agencies Credits 3**

This course deals with the methods as applied to the organization and administration of private social service agencies including: (1) Formulation of policies, constitutions, and by-laws; (2) Functions and relationships of boards of directors, executives, and staff; (3) Methods of social service management including the coordination of departments and committees, the use of volunteer work, and the technique of publicity; (4) Financial administration and budgeting, (5) Personnel management including selection, training, classification, salary schedules, promotion, advancement, transfer and discharge and staff organization. The actual administration of some social service agencies in the west and in China will be studied for the purpose of illustration. Offered second semester. Field work may be arranged by taking Sociology 144 or Sociology 151.

Prerequisite: Sociology 53-54.  
MWF 10:30

Mr. Chang

**Sociology 147 Seminar in Social Work Credits 2-2**

The content of this course varies from year to year. Special permission from the instructor for registration is necessary. Field work can be arranged also by taking Sociology 144 or Sociology 151.

Prerequisites: Sociology 53-4  
Th 2:30-4:20

Mr. Chang

**Seminar 148 Seminar in Social Research Credits 2-2**

The content of this course varies from year to year. Special permission from the instructor for registration is necessary.

Not offered 1930-31

The Staff

**Sociology 151 Graduate Field Work Credits 1 to 6**

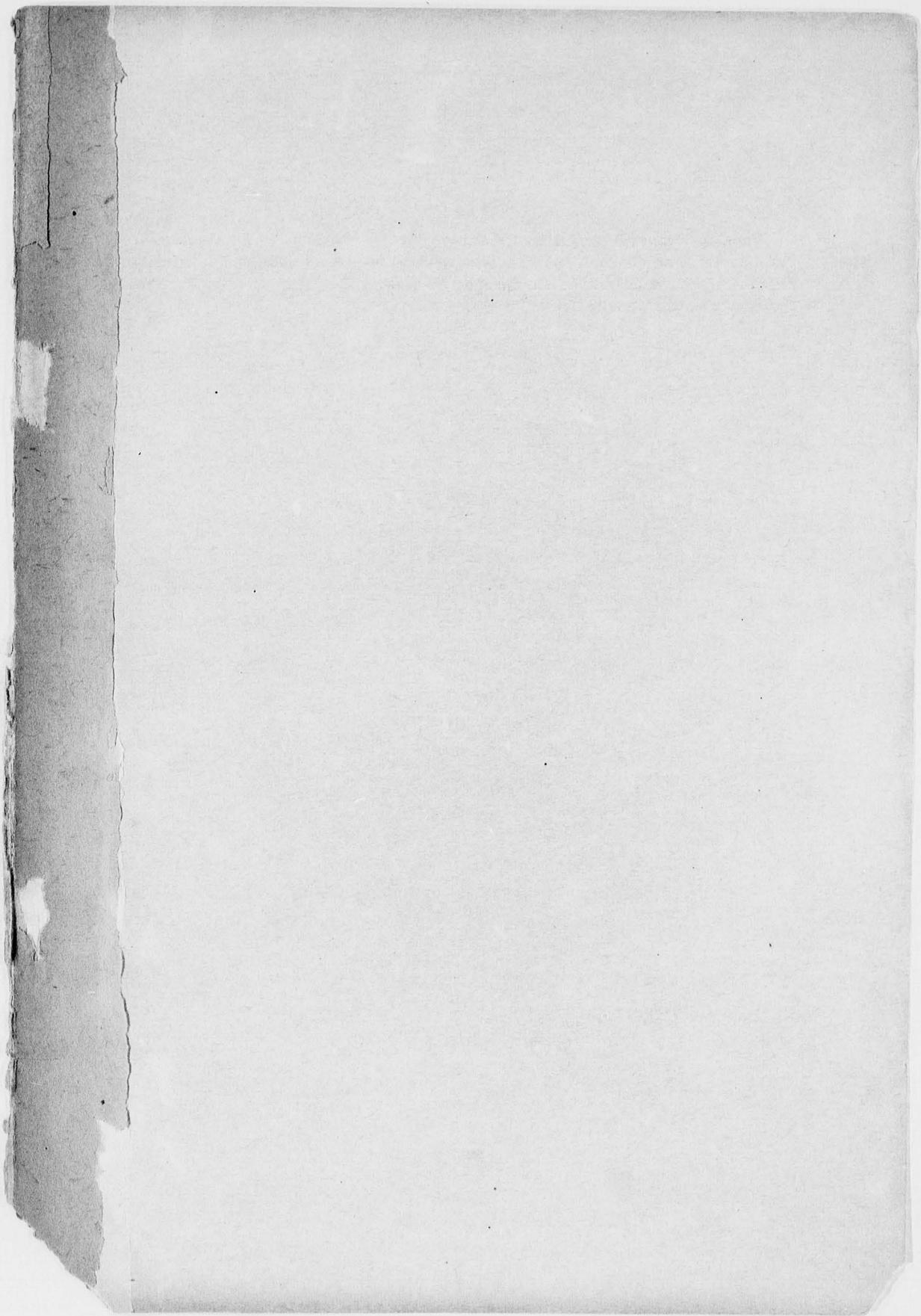
Supervised practical field work to be arranged to meet the needs of the individual students, as far as opportunities permit. Special permission of the instructor is necessary.

Required: Candidates for M.S. in Social Service Administration  
Conference hour: M2:30-4:20 Mr. Chang, Mr. Wang and The Staff

THESIS

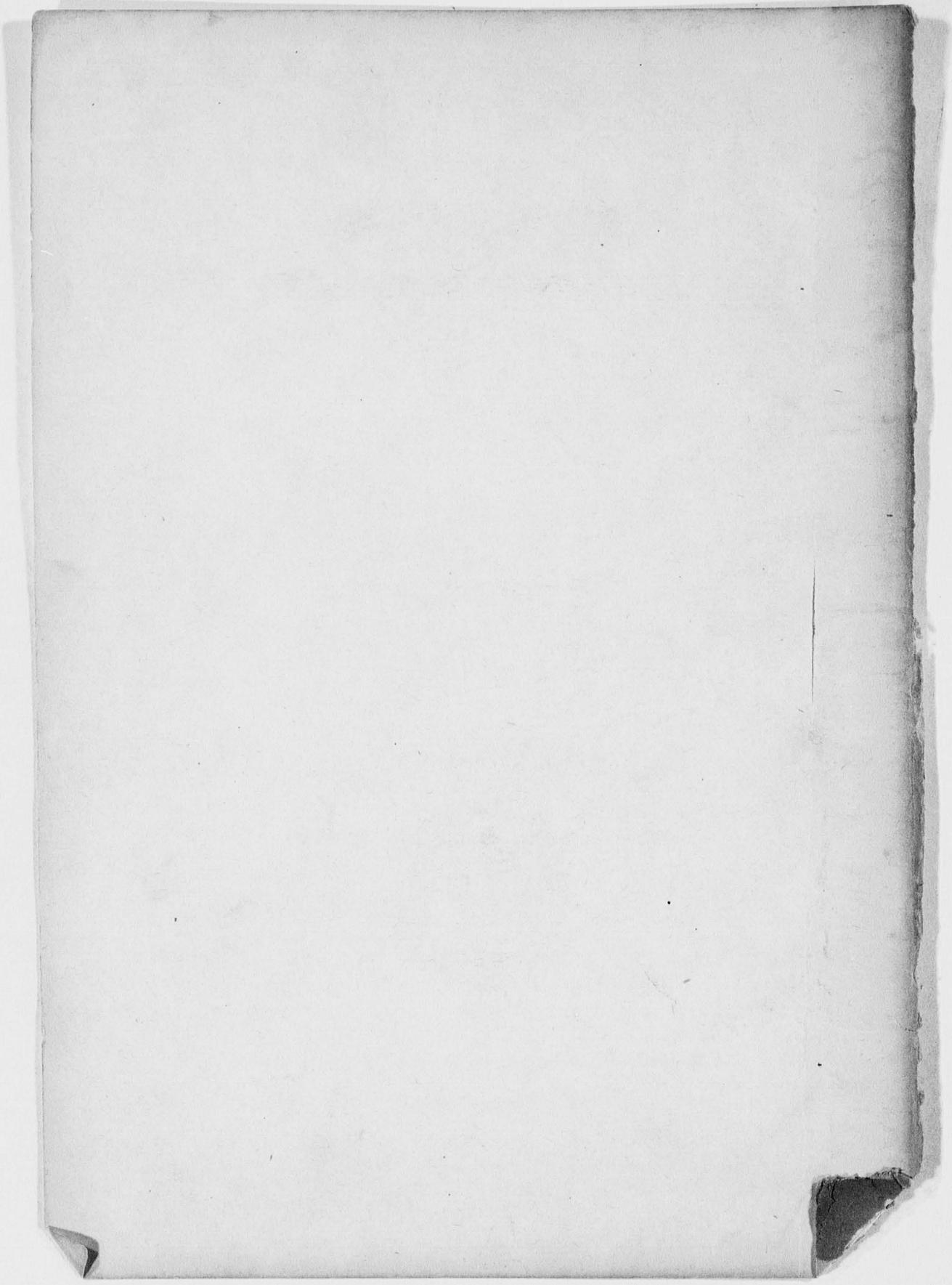
The Candidate who expects to receive the Master's degree in June must submit the dissertation in draft form to the major adviser on or before March 1st.; in final form to the Chairman of the Department on April 1st, and to the Chairman of the Committee on Graduate Division on May 1st.

  
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83 Pei Chih Tzu, Peking.  

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燕京大學  
YENCHING UNIVERSITY  
BULLETIN

Graduate Division  
1932-33



Volume XVII No. 20  
Peiping, China  
June 1932

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燕京大學  
YENCHING UNIVERSITY  
BULLETIN

Graduate Division  
1932-33



Volume XVI No. 20  
Peking, China  
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燕京大學  
YENCHING UNIVERSITY  
BULLETIN

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Graduate Division

1932-33

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Volume XVII No. 20

Peiping, China

June 1932

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## YENCHING UNIVERSITY BULLETINS

The regular bulletins of the University are issued at stated times during the year. Special bulletins are issued from time to time as the need arises. Applications for bulletins should be made to the University Book Store with cost prepaid. Bulletins given without charge are distributed by the Admissions Bureau.

University Catalogue (in Chinese) . . . . .	50 cents
Directory of Faculty and Students . . . . .	15 cents
Graduate Division . . . . .	15 cents
Graduate Division Information Sheet . . . . .	Free
School of Religion . . . . .	Free
College of Arts and Letters . . . . .	15 cents
College of Natural Sciences . . . . .	15 cents
College of Public Affairs . . . . .	15 cents
Description of Departments (in Chinese) . . . . .	Free
Undergraduate College Entrance Information (in Chinese) . . . . .	Free
Entrance Examination Questions, 1931 . . . . .	15 cents
Chuan Hsiu K'e General Information (in Chinese) . . . . .	Free

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**YENCHING UNIVERSITY**  
**Academic Calendar for the Graduate Division 1932-1933**

**Fall Semester**

Last day for receiving applications for entrance ...	Aug. 1 (Mon.)	
Fall semester begins .....	Sept. 1 (Thurs.)	
Dormitories open to students.....	Sept. 1 (Thurs.)	
Freshman week.....	Sept. 1 (Thurs.)-Sept. 4 (Sun.)	
Faculty preessional conference.....	Sept. 2 (Fri.) -Sept. 3 (Sat.)	
Exemption examinations .....	Sept. 3 (Sat.)	
Opening convocation.....	Sept. 5 (Mon.)	
Registration .....	Sept. 5 (Mon.) -Sept. 7 (Wed.)	
Class work begins.....	Sept. 8 (Thurs.)	
Late registration with fine .....	Sept. 8 (Thurs.)-Sept. 21 (Wed.)	
Change of courses without fine .....	Sept. 8 (Thurs.)-Sept. 14 (Wed.)	
Last day for taking make-up examinations .....	Sept. 14 (Wed.)	
Change of courses with fine .....	Sept. 15 (Thurs.)-Sept. 21 (Wed.)	
National holiday .....	Oct. 10 (Mon.)	
Senior thesis topic due .....	Oct. 15 (Sat.)	
Freshman mid-semester examinations .....	Nov. 7 (Mon.) -Nov. 12 (Sat.)	
Sun Yat Sen's birthday anniversary holiday .....	Nov. 12 (Sat.)	
Senior thesis outline due.....	Dec. 10 (Sat.)	
University anniversary holiday.....	*Dec. 25 (Sun.)	
Founding of the Republic of China anniversary holiday.....	Jan. 1 (Sun.)	
New Year holiday.....	Jan. 1 (Sun.) -Jan. 3 (Tues.)	
Fall semester examinations .....	Jan. 9 (Mon.) -Jan. 17 (Tues.)	
Winter recess .....	Jan. 18 (Wed.) -Jan. 31 (Tues.)	

**Spring Semester**

Last day for receiving applications for entrance ...	Jan. 25 (Wed.)	
Spring semester begins.....	Feb. 1 (Wed.)	
Registration .....	Feb. 1 (Wed.) -Feb. 2 (Thurs.)	
Class work begins .....	Feb. 3 (Fri.)	
Late registration with fine .....	Feb. 3 (Fri.) -Feb. 16 (Thurs.)	
Change of courses without fine .....	Feb. 3 (Fri.) -Feb. 9 (Thurs.)	
Last day for taking make-up examinations.....	Feb. 9 (Thurs.)	
Change of courses with fine .....	Feb. 10 (Fri.) -Feb. 16 (Thurs.)	
Sun Yat Sen's memorial day holiday .....	*Mar. 12 (Sun.)	
Leaders of Revolution memorial day holiday.....	Mar. 29 (Wed.)	
Master's thesis due to major department.....	Mar. 31 (Fri.)	
Spring recess.....	Apr. 3 (Mon.) -Apr. 9 (Sun.)	
Alumni home-coming day holiday.....	Apr. 29 (Sat.)	
Senior thesis due to major department.....	May 1 (Mon.)	
National Government Inauguration Day holiday...	May 5 (Fri.)	
Master's thesis due to graduate committee .....	May 15 (Mon.)	
Senior thesis due to dean of college .....	May 15 (Mon.)	
Spring semester examinations .....	June 8 (Thurs.)-June 17 (Sat.)	
Baccalaureate .....	June 18 (Sun.)	
Class day .....	June 19 (Mon.)	
Commencement.....	June 20 (Tues.)	

\* A Make-up holiday will be given the following Monday

**OFFICERS OF GRADUATE ADMINISTRATION**

Wu Lei-Ch'uan, Hanlin Academy . . . . . Chancellor  
J. Leighton Stuart, B.D., D.D. . . . . President

**COMMITTEE FOR THE GRADUATE DIVISION**

H. S. Galt, Ed. D. . . . . Chairman  
A. M. Boring, Miss, Ph. D.  
H. C. Chou, Ph. D.  
Shuhsi Hsü, Ph. D.  
Y. P. Mei, Ph. D.  
M. B. Speer, Miss, M.A.  
S. D. Wilson, Ph. D.  
W. T. Wu, Ph. D.

**CHAIRMEN OF DEPARTMENTS**

J. C. Li, Ph. D. . . . . : Biology  
E. O. Wilson, S. M. . . . . : Chemistry  
S. Y. Kuo . . . . . : Chinese  
Gideon Chen, B.A., . . . . . : Economics  
H. S. Galt, Ed. D. . . . . : Education  
R. H. Ritter B.A., B. D. . . . . : History  
Hin Wong B. J. . . . . : Journalism  
T. S. Chang, . . . . . : Philosophy  
Y. M. Hsieh, Ph. D. . . . . : Physics  
Shuhsi Hsü, Ph. D. . . . . : Political Science  
C. W. Luh, Ph. D. . . . . : Psychology  
Leonard S. Hsü, Ll, B., Ph. D. . . . . : Sociology

**ADDRESS COMMUNICATION ON ADMISSION TO**

Han Ch'ing-Lien, . . . : Bureau of Admissions, Yenching University

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## GENERAL STATEMENT

In the academic year of 1932-1933 the following Departments will offer courses of study leading to the degree of Master of Arts or Master of Science:

Biology	Chemistry	Chinese	Economics
Education	History	Journalism	Philosophy
Physics	Political Science	Psychology	Sociology

### APPLICATION

Students who wish to enroll as graduate students in these Depts. should write to the Bureau of Admissions for an application form, have it filled out as directed therein, and mail it back to the same office, together with an application fee of \$3.00, three copies of a recent photograph of the candidate, a medical examination certificate, recommendation letters, and any other relevant material on or before August 1. Late applications, if received before August 15, may be considered if the departments concerned approve of further admissions. After August 15, no application will be considered. The applicant will hear from the Bureau of Admissions as to whether he is admitted after his case has been passed upon by the Committee for the Graduate Division. Categorical replies can not be given to casual inquiries or applications with incomplete papers.

### ADMISSION

For admission an applicant must have (1) an undergraduate record equivalent to that represented by the degree of Bachelor of Arts or Science of Yenching University, (2) sufficient preparation in the chosen field of study, (3) ability to express himself correctly and clearly in Chinese or, in the case of a foreign student, in his own language, and (4)

a command of English adequate for the demands of the course of study to be pursued.

In addition, the applicant must furnish evidence of more than average ability and of serious purpose. This requirement is ordinarily met by the applicant's presenting a superior undergraduate record and a plan of study and research. The applicant's teaching experience or other academic qualifications and recommendations will also be taken into consideration. Students who definitely satisfy the Committee for Graduate Division on these points will be admitted as **regular graduate students**. Borderline cases either on the point of undergraduate standing or other qualifications may be admitted as **special graduate students**.

**Note:**

Excellence of the undergraduate record is ordinarily determined by calculating the applicant's "General Grade Ratio" (GGR) according to the Yenching grading system, and this ratio should not fall below 1.30. This means that the general weighted average of all the undergraduate work must be at least 82% according to the percentage system, or in other words the general grade ratio according to the following table.

Grades	Percentage Scale	Merit Value
E (Excellent)	91-100	2.00
G (Good)	81- 90	1.50
M (Medium)	71- 80	1.00
P (Poor)	61- 70	0.50
F (Failure)	Below 61	0

**Example:**

To calculate the general grade ratio (GGR) of the following six courses taken in a semester:

Subject	No. of credits	Grade	Merit Value
Chinese	2	G	3.00
English	4	M	4.00
Biology	4	G	6.00
Chemistry	4	G	6.00
Mathematics	2	G	3.00
Sociology	2	M	2.00
<b>Total credits</b>	<b>18</b>	<b>Total Merit-points</b>	<b>24.00</b>

$$\text{General Grade Ratio} = \frac{24.00}{18} = 1.33$$

In evaluating the undergraduate record of an applicant, the Committee will take into consideration the standing of the institution at which the record has been made.

31-151-500217

### REGISTRATION

Only students who have received the certificate of admission may proceed to the University to register. Registration day is announced in the University Calendar, and "Registration Procedure" will be announced in the Bulletin Board. The students should bring with him as evidence of admission the certificate from the Bureau of Admissions.

For late registration a fine will be imposed. No student, old or new, will be permitted to register if he arrives later than two weeks from the first day of class work. (Wed. September 21 is the last day for registration for the fall semester 1932).

Students are allowed to change courses only before or on the date set in the Calendar.

### GRADUATION

To graduate with the degree of Master of Arts or Master of Science a candidate is required to have (1) the minimum of one year's residence in the University; (2) 18-22 credits of Graduate Division courses with the minimum grade of M for each course and a minimum general grade ratio of 1.30; and (3) a thesis representing individual investigation and equivalent to 8-12 credits of work, making a minimum total of 30 credits for courses and thesis. In addition, the candidate must show in his special studies and thesis:

- (a) Ability to express himself clearly and forcibly;
- (b) General knowledge of the whole field of studies within which his special subject is found;
- (c) Mastery of the methods of investigation required for his major subject, and
- (d) Evidence of capacity for individual search for material to be studied, original thinking and scientific judgment.

For determining the foregoing points a candidate is required to pass the following examinations in addition to such as are given in the graduate course which he may have elected:

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- (a) One or a number of written examinations in the whole field of the candidate's special interest as may be required by the Department in which his major subject is taken;
- (b) An oral examination upon the candidate's thesis by a committee specially appointed for the purpose.

In order that the special committee may have sufficient time to examine the thesis, the candidate is required to submit it in proper form to the Chairman of the Committee for the Graduate Division on or before the 15th of May.

#### HONORABLE DISMISSAL

**Special Graduate Students** must make up all deficiencies within one year. Those who, because of failure to meet the standards mentioned above, are not recommended by the departments for regular graduate standing at the end of the year will be required to discontinue, and may be given honorable dismissal provided their conduct and study are otherwise satisfactory.

#### DEPARTMENTAL REGULATIONS

Candidates for Admission to the Graduate Division should note that, in addition to the general regulations of the Division, there may be special departmental regulations to be considered. Some departments, because of limited laboratory facilities, or other reasons, are obliged to limit the quota of students admitted. Accordingly candidates should acquaint themselves with such special regulations from the department when seeking admission.

#### FEEES

	per Semester	per Year
Application fee	\$ 3.00	
Admission fee	2.00	
Tuition (per credit)	4.00	
Auditing fee (per credit)	2.00	

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Work taken to make-up deficiencies (per credit)		2.00	
Maximum tuition fee (per semester)		50.00	
Minimum tuition fee (per semester)		10.00	
Thesis fee (incl. cost of binding of the University copy)		15.00	
Board (estimate)	\$ 40.00		\$ 80.00
Dormitory room, light, heat and water	20.00		40.00
Dormitory key deposit		1.00	
Dormitory reservation deposit		5.00	
Natural science laboratory fee :			
Biology	\$ 5.00		\$ 10.00
Chemistry	5.00		10.00
Chemistry (organic)	7.00		14.00
Chemistry breakage deposit	3.00		6.00
Chemistry laboratory fee for students doing research work for M. S. degree		\$ 7.00	
Physics courses	5.00		10.00
Medical fee	2.00		4.00
Athletic fee	2.00		4.00
Incidental fee	2.00		4.00
Diploma fee (Master's degree)			10.00

**Note :** The Harvard-Yenching Institute Peiping Office offers from eight to ten scholarships (about \$500.00 L.C. each) a year to qualified graduate students of Chinese studies registered at Yenching University. Detailed information may be obtained from the Executive Secretary, Harvard-Yenching Institute, Peiping Office, Yenching University, Peiping.

#### COURSES OF STUDY

In the following pages only courses for which graduate credit is given are listed. Graduate students who wish to elect other courses are referred to Bulletins of Undergraduate Colleges.

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DEPARTMENT OF BIOLOGY

Ju-Ch'i Li, M.A., Ph. D. . . . . *Assistant Professor and  
Chairman*  
Alice M. Boring, M.A. Ph. D. . . . . *Professor*  
Chenfu F. Wu. M.A. Ph. D. . . . . *Professor*

Biology 101                      General Embryology                      Credits 3

The course is designed to acquaint the students 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 development of the vertebrates, the origin and development of the germinal layers, organogenesis and the formation of embryonic membranes. Two lectures and three laboratory hours.

Prerequisite: Biology 51, 52  
Lecture: TTh 10:10  
Laboratory: F 1:00-4:00

Mr. Li

Biology 102                      Genetics                      Credits 3

The object of the course is to give the students 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, chromosome theory of heredity and mechanism of sex determination are critically discussed. Two lectures and three laboratory hours.

Prerequisite: Biology 51, 52  
Lecture: TTh 10:10  
Laboratory: F 1:00-4:00

Mr. Li

Biology 103                      Biological Technique                      Credits 2

Principles and practice of making microscopic preparations, Guyer's Animal Micrology will be followed. Six laboratory hours.

Prerequisite: Biology 51, 52  
Laboratory: MW 1:00-4:00

Mr. Wu

Biology 104                      Biological Technique                      Credits 2

A practical study of various laboratory methods in collecting, preserving and preparing biological specimens for class and laboratory work. Six laboratory hours.

Prerequisite: Biology 103  
Laboratory: MW 1:00-4:00

Mr. Wu

**Biology 105                      Animal Histology                      Credits 4**

A general study of animal cells and tissues and some typical organs. Fresh material will be studied where possible, and its reaction to various chemicals, which constitutes a foundation for the study of microscopic technique. Two lectures and six laboratory hours.

Prerequisite: Biology 51, 52  
Lecture: TTh 9:10  
Laboratory: MW 1:00-4:00

Miss Boring

**Biology 106                      General Entomology                      Credits 4**

A study of the morphological characters of insects and the representatives of the different orders, with emphasis on their evolutionary relationships, life histories, economic importance and methods of control. Two lectures and six laboratory hours.

Prerequisite: Biology 51  
Lecture: TTh 7:50  
Laboratory: TTh 1:00-4:00

Mr. Wu

**Biology 153                      Journal Club                      Credit 1**

In this course the faculty and students give reports on articles in current biological journals. One conference hour.

Prerequisite: Two years of Biology  
Required: Senior and graduate students in Biology  
Elective: 4, 5  
Conference: Time to be arranged

Miss Boring

**Biology 154                      Journal Club                      Credit 1**

Same as Biology 153.

Prerequisite: Two years of Biology  
Required: Senior and graduate students in Biology  
Elective: 4, 5  
Conference: Time to be arranged

Miss Boring

**Biology 158                      Protozoology                      Credits 3**

The course deals with an intensive study of the protozoons. Morphological, and systematic surveys of the unicellular animals are to be taken up in succession. Recent experimental work on the problems of conjugation and endomixis are discussed. One lecture and three laboratory hours.

Prerequisite: Biology 51  
Lecture: WF 10:10  
Laboratory: WF 1:00-4:00

Mr. Li

**Biology 159                      Experimental Biology                      Credits 2**

An introductory study of living phenomena in natural and experimental conditions, including discussions on the methods of experimentation and reports on the current literature. Two lecture hours.

Prerequisite: Biology 101, 102  
Lecture: Time to be arranged

Mr. Li

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**Biology 201**                      **Advanced Entomology**                      **Credits 4**

A detailed study of the special morphology and internal anatomy of insects, with particular emphasis on the structural characteristics and physiological processes. One lecture and nine laboratory hours.

Prerequisite: Biology 106  
Lecture: Time to be arranged  
Laboratory: Time to be arranged

Mr. Wu

**Biology 202**                      **Systematic Entomology**                      **Credits 4**

A practice in the careful use of keys for determining the genera of the more important and common insects. One lecture and nine laboratory hours.

Prerequisite: Biology 106  
Lecture: Time to be arranged  
Laboratory: Time to be arranged

Mr. Wu

**Biology 203**                      **Advanced Vertebrate Zoology**                      **Credits 4**

A study of the morphology, taxonomy and biology of a class of Vertebrates or some one form. One lecture and nine laboratory hours.

Prerequisite: Biology 52, 101  
Lecture: Time to be arranged  
Laboratory: Time to be arranged

Miss Boring

**Biology 204**                      **Cytology**                      **Credits 4**

A detailed study of the cell from the morphological point of view is the plan of this course. Different technical methods for fixing and staining the cells are to be taken up first. Then the study of mitosis and meiosis of plant and animal cells follows. Emphasis is laid particularly on the behavior and individuality of chromosomes. A special problem is to be assigned to each student. One lecture and nine laboratory hours.

Prerequisite: Biology 101, 102  
Lecture: Time to be arranged  
Laboratory: Time to be arranged

**THESIS**

A graduate student should choose to carry on a problem in one of the fields of Biology at the suggestion and under the direction and supervision of one of the professors concerned with the subject, and should complete a thesis which embodies the results of the investigation and shows evidence of capacity for independent research, originality and initiative. The minimum of one year is required for preparing the thesis in residence at the University. The thesis should be equivalent in value to 8-12 credits of advanced work in Biology.

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DEPARTMENT OF CHEMISTRY

E. O. Wilson, B. S., S. M. .. .. . *Professor and Chairman*  
 Stanley D. Wilson, M. A., Ph. D. .. .. . *Professor*  
 Wm. H. Adolph, B. A., Ph. D. .. .. . *Professor*  
 L. S. Tsai, Ph. D. ... .. . *Lecturer*  
 T. C. Wang, B. A. .. .. . *Instructor*

Chemistry 117                      General Bio-chemistry                      Credits 4

An introductory course including a study of carbohydrates, fats and proteins—  
 with the fundamental conceptions of bio-chemistry as applied to life processes and  
 metabolism.

Prerequisite: Chemistry 6,9  
 Laboratory: TTh 9:10-12:00  
 Conference and Seminar: Two hours to be arranged                      Mr. Adolph

Chemistry 119                      Leather Chemistry                      Credits 4

A study of the chemistry of leather manufacture. The subject is taken up from  
 the viewpoint of physical chemistry. The various tanning operations are reviewed  
 and the importance of chemical control emphasized. The laboratory work  
 illustrates in a quantitative manner some of the most important of the theories  
 presented. Two lectures and six hours' laboratory work.

Prerequisite: Chemistry 6,9  
 Lecture: TTh 10:10 1st semester  
 Laboratory: Time to be arranged                      Mr. E. O. Wilson  
 Not offered 1932-33

Chemistry 120                      Leather Chemistry                      Credits 4

The analysis of materials and products used in the leather industry. Rapid  
 methods suitable for actual use in the tannery are studied. Two conferences and  
 six laboratory hours.

Prerequisite: Chemistry 119  
 Lecture: TTh 7:50 2nd semester  
 Laboratory: Time to be arranged                      Mr. E. O. Wilson  
 Not offered 1932-33

Chemistry 121-122                      Industrial Chemistry                      Credits 3-3

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. Three lectures and  
 recitations.

Prerequisite: Chemistry 6,9  
 Lecture: TThF 11:10                      Mr. E. O. Wilson

Chemistry 123                      Technical Analysis                      Credits 4

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 6  
Time to be arranged. 1st semester

Mr. E. O. Wilson

Chemistry 124      Special Problems in Applied Chemistry      Credits 4

This course should accompany or follow the courses in industrial chemistry and technical analysis. Individual or group investigations will be conducted; the particular nature of the problems will depend upon the interests and previous training of the students. Laboratory and informal conferences.

Prerequisite: Chemistry 123  
Time to be arranged. 2nd semester

Mr. E. O. Wilson

Chemistry 126                      Chemical Engineering                      Credits 3

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 122, 132  
Time to be arranged.

Chemistry 127                      Qualitative Organic Analysis                      Credits 3

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 10  
Time to be arranged

Mr. Wang

Chemistry 129                      Quantitative Organic Analysis                      Credits 3

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 10  
Time to be arranged  
(Not given 1932-1933)

Mr. Wang

Chemistry 131-132                      Physical Chemistry                      Credits 4-4

A careful study of the fundamental laws and principles of chemistry. The laboratory exercises are all of a quantitative nature. Two lectures and six laboratory hours. Graduate students receive  $\frac{1}{2}$  credit for this course.

Prerequisite: Chemistry 6, 10 and a knowledge of the Calculus  
Time to be arranged

Mr. L. S. Tsai

Chemistry 133                      Advanced Organic Chemistry                      Credits 3

Lectures and reports on literature in organic chemistry of a more advanced nature than that given in Chemistry 9-10. Students without adequate laboratory work in organic chemistry must elect chemistry 135 with this course.

Prerequisite: Chemistry 10  
Lecture: MWF 10: 10

Mr. S. D. Wilson

Chemistry 134                      Advanced Organic Chemistry                      Credits 3

For description see 133. Students without adequate laboratory work in organic chemistry must elect chemistry 136 with this course.

Prerequisite: Chemistry 133 or equivalent  
Lecture: MWF 10: 10

Mr. S. D. Wilson

Chemistry 135                      Organic Preparations                      Credits 2

Organic preparations of a more advanced type than those offered in chemistry 9-10. As far as possible the type of preparations will be adopted to needs of the individual student. Six laboratory hours.

Prerequisite: Chemistry 10  
Laboratory: Time to be arranged

Mr. S. D. Wilson

Chemistry 136                      Organic Preparations                      Credits 2

For description see 135.

Prerequisite: Chemistry 135 or equivalent  
Laboratory: Time to be arranged

Mr. S. D. Wilson

Chemistry 139                      Seminar in Bio-chemistry                      Credits 1

For students specializing in Bio-chemistry.  
Prerequisite: Chemistry 117  
Time to be arranged

Mr. Adolph

Chemistry 140                      Seminar in Bio-chemistry                      Credit 1

For students specializing in Biochemistry.  
Prerequisite: Chemistry 117  
Time to be arranged

Mr. Adolph

Chemistry 142                      Nutrition and Metabolism                      Credits 4

Physiological Chemistry as applied to problems of human nutrition. Lectures; conferences; simple feeding experiments and laboratory study of metabolic processes.

Prerequisite: Chemistry 117  
Lectures and Conferences; TTh 9:10  
Laboratory: TTh 1:00-4:00

Mr. Adolph

Chemistry 144                      Biophysics                      Credits 2

A study of the laws of physics and chemistry applied to biological processes, osmosis, surface tension, colloids, enzyme action.

Prerequisite: Biology 2, Physics 5, Chemistry 5

Time: MF 9:10

(Given 1932-1933 and alternate years)

Mr. Adolph

Chemistry 146                      Chemistry of the Colloidal State                      Credits 2

A study of the fundamental conceptions of colloid chemistry. Lectures and conferences.

Prerequisite: Chemistry 131

Time: TTh 10:10

(Given 1932-1933 and alternate years)

Mr. Adolph

Chemistry 152                      Advanced Physical Chemistry                      Credits 2

Prerequisite: Chemistry 132

Mr. Tsai

Chemistry 153 A                      Special Problems                      Credits 4

This course consists of laboratory investigations under the direction of some member of the staff. Detailed information may be secured by consultation with the instructors offering graduate courses.

Prerequisite: Permission of the Instructor under whom the work is to be done

Chemistry 153 B                      Special Problems                      Credits 2

For description see 153 A.

Chemistry 154 A                      Special Problems                      Credits 4

For description see 153 A.

Chemistry 154 B                      Special Problems                      Credits 2

For description see 153 A.

#### THESIS

Suitably prepared students may elect research work for the Master's thesis in the following fields: inorganic chemistry, organic chemistry, physical chemistry, food chemistry, biochemistry, and applied chemistry. All candidates for the Master's degree in chemistry will be required to present a creditable thesis. The time devoted to the thesis will in general be equivalent to 12 credit hours. Such work can be elected only with the approval of the Chairman of the Department and of the staff member directing the individual piece of work.

PH 151 57 00 21 7

DEPARTMENT OF CHINESE

Kuo Shao-Yü .. .. . *Professor and Chairman*  
Cheng Chen-To.. .. . *Professor*  
Jung Keng .. .. . *Professor*  
Ma Kiam, M. A. .. .. . *Professor*  
Chang Erh-Tien .. .. . *Lecturer*  
Ku Sui .. .. . *Lecturer*  
Li Shao-Hsi .. .. . *Lecturer*  
Wei Chien-Kung .. .. . *Lecturer*

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Hsü Ti-Shan, M.A., B.D., B. Litt. (Oxford) .. .. . *Professor, Department  
of History*

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Chinese 152 Study of T'ao Yuan-Ming Credits 2

陶淵明

分論陶淵明之個性，環境，思想，文辭與其淵源影響，以及後人擬陶，和陶，集陶諸作；並重在陶集之考訂校勘諸方面。

TTh 9:10 1st semester

Mr. Kuo

Chinese 153 Study of Li I-Shan, His Poems Credits 2

李義山詩

專就其詩而研究之，并及其文學之性質與價值。

MTh 1:00 1st semester

Mr. Chang

Chinese 154 Study of "Ch'ing Chen T'zu" Credits 2

清真詞

研究周邦彥之作品及其文學之性質與價值。

MTh 1:00 2nd semester

Mr. Chang

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Chinese 155-156 Study of Su Shih and Hsin Ch'i-Chi Credits 1-1

蘇辛詞

講述蘇辛詞之風格，俾學者了然于二家之真精神不僅以豪放許之。此外兼及板本校勘。

W 1:00

Mr. Ku

Chinese 157 Popular Literature of Tang and North-Sung Credit 1

敦煌俗文學

敘述敦煌發見之諸種俗文學。特別注重變文及其影響，俾知宋元以來「諸宮調」「評話」「寶卷」「彈詞」等等，皆以變文為其祖禰。

(Not given 1932-1933)

Chinese 158 Operas of Sung, Yuan and Early Ming Credit 1

宋元及明初戲文

戲文為中國戲曲之一種，即後來所謂傳奇者是。本課敘述戲文之起源及其在崑劇產生以前發展的歷史。特別注重於佚籍的搜輯。

T 2:00 1st semester

Mr. Cheng

Chinese 160 Short Stories and Historical Novels of Sung and Yuan Credit 1

宋元話本

話本為純粹之國語小說。本課敘述其起源及其自宋至元末發展之經過。

T 2:00 2nd semester

Mr. Cheng

Chinese 161 Buddhist Literature Credits 2

佛教文學

選授中國歷代佛教關於文學之作品。

(Not given 1932-1933)

Chinese 162 Study of Chinese Translations of Buddhist Literature Credits 2

佛教翻譯文學

講述六朝以來翻譯佛教經典的經過及其翻譯風格的轉變。

(Not given 1932-1933)

Chinese 171 Chinese Paleography Credits 3

甲 骨 鐘 鼎 文

指導認識此類文字及應用此種材料以爲研究之資，并及於古代文字之比較。

TThF 10:00 2nd semester

Mr. Jung

Chinese 172 Study of "Sho Wen" Credits 3

說 文 研 究

說文爲解釋形音義三者之字書。本課注重練習，爲考古書之門徑。  
(Not given 1932-1933)

Chinese 173 Phonetic Development of the Chinese Language Credits 2

聲 韻 轉 變 研 究

說明聲韻轉變之通則，爲用聲音研究語言文字訓詁之資。

W 2:00-4:00 1st semester

Mr. Wei

Chinese 174 Phonetics of Ancient Chinese Credits 2

古 音 系 研 究

應用聲韻學及聲韻沿革之基本常識解說研究古音系之方法，以期完成中國語音語言史工作使命的討論和報告。

W 2:00-4:00 2nd semester

Mr. Wei

Chinese 175-176 Modern Chinese Language Credits 2-2

近 代 語 研 究

用歸納的方法，就宋元以來語體的文學作品，及其他著述記載等，考訂其語言上之特徵及變遷，以完成本國文字語言學上「近代語」之系統。

Th 2:00-4:00

Mr. Li



DEPARTMENT OF ECONOMICS

Gideon C. T. Chen, B. A. . . . . *Assistant Professor and  
Acting Chairman*  
 Bing-hua Li, M. A., Ph. D. . . . . *Assistant Professor*  
 Ting-sheng Wei M. A. . . . . *Assistant Professor*  
 \*J. B. Tayler, M. Sc. . . . . *Professor*  
 Augusta Wagner, M. A. . . . . *Lecturer*  
 Chun-yung Cho, B. Com. . . . . *Part time Lecturer*  
 I-lai Cho, M. A. . . . . *Part time Lecturer*

**Economics 7-8 (113-114) Value and Distribution Credits 3-3**

A survey of the leading theories of value and distribution. Lectures and discussions.

Elective: 3, 4, 5  
 Prerequisite: Economics 3-4  
 (Not given 1932-33)

**Economics 15 Theory of Public Budget Credits 2-0**

A study on the preparation, the determination, the execution, and the control of the public budget, as practised by the leading modern States. The new budgeting system devised for China will also be discussed.

Elective: 4, 5.  
 Prerequisite: Economics 13-14

Mr. Wei

**Economics 16 Theory of Public Debts Credits 0-2**

A study on the political, social and economic effects of public debts. Observations will be made on the public debt operations of the Franco-German War of 1871, of the World War of 1914-18, and of the German Reparations since 1919; the Dawes Plan and Young's Plan will be discussed.

Elective: 4, 5.  
 Prerequisite: Economics 13-14, 41-42

Mr. Wei.

**Economics 33-34 (151-152) Second Year Accounting Credits 3-3**

This course aims to train the students in the advanced theory and practice of

\* Absent on leave 1932-1933

accounts. Extensive study will be made through assigned readings. A series of problems, covering various phases, will be solved by students. Stress will also be laid upon the managerial problems from the standpoint of financing, organization, and analysis of accounts.

Elective: 4, 5  
Prerequisite: Economics 31-32  
(Not given 1932-33)

Economics 44 (166) Foreign Banking Systems Credits 0-2

A study of the structure of the banking systems of the United States, England, France, Germany, Canada, Australia, South Africa, Japan, and other countries. Attention will be given to the differences or similarities in banking practice and organization in the different countries under study.

Elective: 4, 5  
Prerequisite: Economics 41-42

Mr. Cho Jr.

Economics 46 (163) Monetary Problems Credits 3

This course covers the problem of monetary standards; proposals for price stabilization; currency conditions in different countries before, during, and after the European War; recent and current monetary reform plans.

Elective: 4, 5  
Prerequisite: Economics 41-42  
(Not given 1932-1933)

Economics 47 (165) Foreign Exchange Credits 2-0

Phases of the theory of international trade; structure of international credit; financing foreign trade transactions in goods; documents used in international transactions in goods; equilibrium of exchange; international market for short term bills; international shipment of gold; basis of long term credit; limits of national credit; distribution of international credit; international adjustment of the price level.

Elective: 4, 5  
Prerequisite: Economics 41-42

Mr. Cho Jr.

Economics 49 Bank Management. Credits 2-0

This course is designed for students who are interested in the management of the Chinese bank, and deals with the problems from the standpoint of the manager. It will include such topics as personnel, organization, current business, etc.

Elective: 4, 5  
Prerequisite: Econ. 41-42

Mr. Cho, Sr.

Economics 50 Chinese Banking Problems Credits 0-2

This course will deal with some of the special problems of banking in China.

Elective: 4, 5  
Prerequisite: Econ. 41-42

Mr. Cho, Sr.

Economics 72 (182) International Economics Policies Credits 2

A survey of the development of international economic policies with a view to uncovering the economic factors leading to international conflicts, and emphasizing

mercantilism, free trade, and protection; the tariff systems of leading commercial nations; and types of customs duties; the principles and methods of tariff bargaining; trade promoting institutions; colonial tariff policies; anti-dumping legislation; raw materials; navigation policies; and international loans and investments.

Elective: 4, 5  
Prerequisite: Economics 3-4  
Not given 1932-33

Economics 137 (129)      Labor Legislation      Credits 3

A brief survey of the historical development of industrial legislation in national and international actions. A critical study of the existing industrial laws and regulations in China: (a) Trade Union Law; (b) Factory Law; (c) Regulations governing industrial disputes, strikes and lockouts, conciliation and arbitration; (d) Mining Law; (e) Special and local legislation. Problem of Administration.

Elective: 3, 4, 5  
Prerequisite: Economics 3-4  
(Not given 1932-1933)

Mr. Chen

Economics 153-154      Cost Accounting      Credits 3-3

This course is designed to acquaint the students with the general method of cost keeping. The accounting procedure for material, labour, and overhead consumed in manufacture is thoroughly discussed. In addition to a job-order cost set, special problems will be given to develop the various phases of cost determination.

Elective: 4, 5  
Prerequisite: 33-44  
(Not given 1932-1933)

Economics 155-156      Special Problems in Statistics      Credits 2-2

Elective: 4, 5  
Prerequisite: 11-12  
(Not given 1932-1933)

Economics 161-162      Monetary History      Credits 2-2

The first part of this course consists of a general survey of the monetary histories of the leading nations of the world with special emphasis upon the period of the latter half of the nineteenth century and new developments in various European States after the World War. The second part deals exclusively with the monetary history of China, paying special attention to a critical study of the several attempts at monetary reform during the last few decades.

Elective: 4, 5  
Prerequisite: Economics 41-42  
(Not given 1932-1933)

Economics 193-194      Seminar in Industrialization      Credits 2-2

This course will deal with the factors influencing the course of industrial development in China, and a study of the economic and social results. Independent study



Economics 205-206

Labor Seminar

Credits 2-2

Open to graduate students, and to seniors by special permission. In this seminar it is taken for granted that the student is conversant with the history and policies of the western labor movement and with the rise of the Chinese labor movement. The seminar will be devoted to the study of some current problems facing the Labor Movement such as conflicting social philosophies within the labor movements, the relation of the economic organization of workers to political organizations, the particular problems of organization and leadership in the Chinese Labor Movement, the world-wide problem of unemployment. Other labor movement problems which may be of special interest to the members of the seminar will also be taken up for study.

Elective: 5

Prerequisite: Economics 113-114

Lecture: T 2:00-4:00

Miss Wagner

Economics 207-208

Seminar on Socialism

Credits 2-2

For graduate students only. Topics will be arranged with the students according to their interests. The following lines are suggested: (a) comparative study of the leading schools of socialism; (b) intensive study of one school of socialism; (c) some special problems of socialism. Students are expected to do a considerable amount of reading and written work. Discussions, reports and lectures.

Elective: 5

Prerequisite: Economics 121-122

Lecture Th 2:00-4:00

Mr. Chen

#### THESIS

For thesis requirement students will consult with the Chairman of the Department.

DEPARTMENT OF EDUCATION

Howard S. Galt, Ed. D. . . . . *Professor and Chairman*  
Henry H. Chou, M.A., Ph.D. . . . . *Professor*  
Alfred S. T. P'u, M.A. . . . . *Assistant Professor*

Education 139 Outlines of Educational Sociology Credits 2

This course is a brief introduction to the subject of educational sociology as it is now developing. The social element in the theory of education, the contributions of sociology to educational procedure, and the introduction of socialized methods into the school will be considered. The chief elements in the method will be readings, discussions, and lectures.

Elective 3, 4, 5. Mr. Galt  
TTh 2:00

Education 140 Problems of Educational Sociology in China Credits 2

This course presupposes the preceding course or its equivalent. The social foundations of education in China, the contributions of social thought from abroad, and the resulting issues and problems will be considered.

Elective 3, 4, 5. Mr. Galt  
TTh 2:00

Education 141-142 Statistical Methods Applied to Education Credits 2-2

This course helps the student to study statistical methods and their uses in the field of education, so that he can utilize them as instruments for the study of different problems and to organize educational materials for research.

Education 3, 4, 5. Mr. Chou  
M 1:00-3:00  
W 1:00

Education 143-144 (Phil. 177-178) Philosophy of Education Credits 3-3

This is an advanced course which considers the significance of education in present-day civilization with special reference to the political, social, and cultural tendencies of the times. The truths and principles will be applied to present-day problems of education in China.

Elective 3, 4, 5. Mr. Galt  
M W F 11:10

Education 145-146 Educational Tests and Measurements Credits 2-2

This course studies the theory of educational tests and scales. Their construction and use will also be considered.

Elective 3, 4, 5. Mr. Chou  
W F 7:50

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THESIS

The Department of Education requires for the Master's degree a thesis equivalent to eight to twelve credit points of work.

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DEPARTMENT OF HISTORY

Monona L. Cheney, M. A. .. .. . *Lecturer and Chairman*  
 Philippe de Vargas, Ph. D. .. .. . *Professor*  
 William Hung, M. A., S.T.B. .. .. . *Professor*  
 \*Ch'en Yuan .. .. . *Professor*  
 Ku Chieh-Kang .. .. . *Assistant Professor*  
 Teng Chih-Ch'eng.. .. . *Part-time Lecturer*  
 Chang Hsing-Lang .. .. .

History 11-12      Research in Ancient Chinese History      Credits 3-3

A survey of the critical problems involved in the study of the Shu Ching (classics of history), and the various solutions that have been hitherto offered. An attempt to analyze the book anew with special emphasis on the distinction between the genuine, forged and interpolated parts.

Elective: 3,4,5  
 (Not given 1932-1933)

Mr. Ku

History 13-14      Research in Ancient Chinese History      Credits 3-3

Deals in the same way as History 11-12 with the historical books.

Elective: 3,4,5  
 T:2-3:50; Th. 3.

Mr. Ku

History 15-16      The Ts'in and Han Dynasties      Credits 2-2

A study of the programme of military unification of Ts'in and Han Dynasties and the political, social and economic system which resulted from it.

Elective: 3,4,5  
 T, Th. 9:10

Mr. Teng

History 17-18      Wei, Tsin, Southern and Northern Dynasties      Credits 2-2

- (1) The characteristic institutions of the period 220-589.
- (2) The rise and fall of the "Five barbarian tribes".
- (3) The rise and influence of "Ts'ing Tang".
- (4) The spread of Buddhism and Taoism.
- (5) The rise of social autocracy, etc.

Elective: 3,4,5  
 M. W. 9:10

Mr. Teng

History 19-20      The Sui, T'ang and Five Dynasties      Credits 2-2

This course treats of the following topics: 1, the military unification of the empire by Sui and T'ang; 2, the cultural unification of the North and the South and

\* Absent on leave 1932-1933

its influence upon the subsequent history of China; 3, the economic life of the Chinese people after the mid-T'ang period; 4, China's territorial expansion during the period 589-959; 5, foreign relations of T'ang dynasty; 6, Chinese and foreign religions; 7, the examination system and its influence upon the system of Aristocracy. Philosophy, literature and art during this period, etc.

Elective: 3,4,5  
(Not given 1932-1933)

Mr. Teng

History 21-22 The Sung, Liao, Kin and Yuan Dynasties Credits 2-2

(19-20)

The races involved, the rise and fall of the several dynasties, their government and diplomacy, and their cultural characteristics.

Elective: 3,4,5  
F. 3-4:50

Mr. Chang

History 23-24 The Ming and Ch'ing Dynasties Credits 2-2

A survey of the accessible source material of Chinese history of the Ming and Ch'ing Dynasties. Studies in the comparison of political and economic institutions of the two dynasties. The rise of the literati class. The intellectual history of the period, etc.

Elective: 3,4,5  
(Not given 1932-1933)

Mr. Teng

History 41-42 History of the Early Intercourse between Credits 2-2

(41-2, 43-4) China and the West

This course consists of explanations of ancient Chinese records concerning Europe and European records concerning China; ancient commercial relations between the East and West; exchange of civilizations and embassies; spreading of Christianity in China; and introduction of Western learning. It covers a period starting from the beginning of Western Han (120 B.C.) to the end of the 18th century.

Elective: 3,4,5  
Sat. 7:50, 9:10

Mr. Chang

History 47-48 History and Geography of the North-East Credits 2-2

The result of some of the studies of recent scholars on Manchuria, Eastern Mongolia and Chosen.

Elective: 3,4,5  
(Not given 1932-1933)

History 61-62 Studies in the History of Christianity Credits 2-2

in China

The origin, development, and influence of Christianity in China, with special treatment of recently discovered documents of the Kanghsi period.

Elective: 3,4,5  
(Not given 1932-1933)

Mr. Ch'en



History 196

The Teaching of History

Credits 2

Principles of the choice of history textbooks, the conduct of the history classroom, the preparation of historical lectures, methods of historical field work, methods of history tests, Lectures and exercises.

Elective: 3,4,5

Prerequisite: History 167

M. 3-4:50

2nd semester

Mr. Hung

THESIS

Work for the Master's thesis should occupy at least two semesters, under the supervision of an instructor designated by the department.

0949

PH 157 1 5 00 21 11

DEPARTMENT OF JOURNALISM

Huang Hsien-chao (Hin Wong) B. J. . . . *Professor and Chairman*  
Frank L. Martin, B. A. . . . . *Missouri-Yenching Exchange  
Professor*  
Vernon Nash, B. A., B. J., M. A. . . . . *Assistant Professor*

Journalism 103-104. Comparative Journalism Credits 3-3

A critical, qualitative study of newspapers and other periodicals of the leading nations of the world; national types of journalism. An investigation of editorial practices, particularly with reference to policies which manifest a sense of responsibility for the public welfare. Wide reading assignments.

Lecture: MWF 10:10

Mr. Martin

Journalism 105-106 The Writing of Special Features Credits 2-2

Study and practice in the non-news and non-editorial phases of newspaper reading matter; writing for magazines and for trade and technical journals. How to discover, write and sell material covering all the miscellaneous interests of the press, such as feature stories, special articles, book reviews, musical and dramatic criticism, short stories, etc.

Lecture:

Mr. Sun  
Miss Eva Chang

Journalism 107 The Editorial Page Credits 2

This course embraces study and practice in the writing of editorials, and in the direction of an editorial page as a consistent whole; it also considers the problems of an editor-in-chief in determining the policies of a publication and in formulating overt expressions of these policies. The importance of editorial campaigns or "crusades".

Lecture:

Mr. Nash  
Mr. Martin

Journalism 110 Problems of the Publisher Credits 2

A study with wide reading assignments of all the problems in editorial direction—ethical, professional and legal—which confront the responsible chief executive of a publication.

Lecture:

Mr. Nash  
Mr. Wong

Journalism 123-124 History and Principles of Journalism Credits 2-2

Seminar discussions with selected senior and graduate students, all students to be engaged in making, under supervision, individual studies in some phases of the history of journalism, particularly in China and the Far East.

Lecture:

Mr. Nash  
Mr. Martin

Journalism 201-202

The Place of the Press in the  
Modern Social Order

Credits 2-2

Wide reading assignments with seminar discussions.

Mr. Nash  
Mr. Martin

Journalism 203-204

Research in Journalism

Credits 3-3

The work of this course will, as a rule, be closely coordinated with the requirements of each individual for the writing of his graduate thesis.

Mr. Nash  
Mr. Martin  
Mr. Wong

### THESIS

The thesis of a graduate student in journalism must consist of the findings of original individual research by the student in some subject directly and intimately related to the professional problems of a journalist. In most cases, it will be required that the study confine itself to Far Eastern phases of the problem. Since comparatively little material is now available for such studies, the writing of a thesis will ordinarily be combined with the work in Journalism 203-204.

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Philosophy 161-162      Philosophy of Religion      Credits 2-2  
(Rel. 73-74)

A study of the nature and scope of religion and its problems in the light of evolutionary theory and of the knowledge of religious history and religious psychology.

(Not given 1932-1933)

Mr. Chao

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

A study of the attitude of our contemporary philosophers towards religion and their influence on religious thinking. Idealism, Pragmatism, Realism and Vitalism will be dealt with in connection with religion.

(Not given 1932-1933)

Mr. Chao

Philosophy 201-202      Research Course      Credits 2-2

Advanced courses in Ethics, Philosophy of Science, Logic and Metaphysics for graduates, will be directed by the staff of the Department.

Philosophy 203-204      Research Course      Credits 2-2

For description see Philosophy 201-202.

Philosophy 205-206      Research Course      Credits 2-2

For description see Philosophy 201-202.

Philosophy 207-208      Research Course      Credits 2-2

Students expecting to specialize in Plato, Aristotle and Kant will find it necessary to take this course.

Philosophy 209-210      Research Course      Credits 2-2

For description see Philosophy 207-208

Philosophy 211-212      Research Course      Credits 2-2

For description see Philosophy 207-208

#### THESIS

A thesis equivalent to eight to twelve credits of work written under the supervision of a member of the department is required for graduation.

DEPARTMENT OF PHYSICS

William Band, B. Sc. M. Sc. . . . . *Assistant Professor and  
Chairman*

\*Y. M. Hsieh, M. A., Ph. D. . . . . *Professor*

D. K. Yang, B. S., M. S. . . . . *Assistant Professor*

Physics 103      An Introduction to Mathematical Physics I      Credits 3

Vectors and vectorial Operators used throughout the course. Kinematics, Dynamics of a particle and General Principles applied to planetary motion. Statistical Theory of Thermodynamics. Electrostatic and Magnetostatic Field.  
Prerequisite. Physics 5,6,7 and Calculus,  
Physics 101-102 desirable

Lecture: MWF 9:10      Mr. Band

Physics 104      An Introduction to Mathematical Physics II      Credits 3

Theory of Wave Functions. Maxwell's Theory of Electromagnetic Field. Solution of Field Equations in particular cases. Radiation Pressure, Energy and Mass. Restricted Relativity and Lorentz Transformation. Minkowski's 4-Vectors. General Solution of Field Equations. Motion of Electrons. Tensors. Invariant relativity form to Field Equations.

Prerequisite: Same as for Physics 103  
Lecture: MWF 9:10      Mr. Band

Physics 105      Vector Analysis      Credits 3

Elements of vector algebra and calculus and the linear vector function in three dimensions.

Prerequisite: Physics 5,6,7 and Calculus  
Lecture: Time to be arranged      Mr. Band

Physics 111      Kinetic Theory of Cases      Credits 4

Viscosity, capillarity, diffusion, change of state, the distribution of linear velocities among the molecules of a gas, the equipartition of kinetic energy and the theory of specific heats, Brownian movement and allied phenomena.

Prerequisite: Physics 5-6, and Calculus  
Lecture: MWF 10:10  
Laboratory: W 1:00-4:00      Mr. Hsieh

Physics 115      Thermodynamics      Credits 3

The principles of thermodynamics and their application to physical and chemical processes. Three lectures and solution of problems.

Prerequisite: Physics 5,6, and Calculus,  
Physics 111 desirable  
Lecture: MWF 9:10      Mr. Band

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\*Absent on leave, 1932-33.

- Physics 117**                      **Quantum Theory**                      **Credits 3**  
 Statistical theory of heat, quantum statistics, theory of radiation processes.  
 Three lectures and solution of problems.  
 Prerequisite: Physics 5,6, 115 and Calculus  
 Lecture: Time to be arranged                      **Mr. Band**
- Physics 131-132**                      **Advanced Optics**                      **Credits 3-3**  
 The course deals with the more important phenomena and their fundamental  
 theory both in geometrical and physical optics.  
 Elective: 3,4,5  
 Required: Major students in Physics  
 Prerequisite: Physics 5,6,7 and Calculus  
 Lecture: MWF 10:10                      **Mr. Band**
- Physics 133-134**                      **Advanced Experimental Optics**                      **Credits 1-1**  
 A laboratory course to be taken concurrently with Physics 131-132. It deals  
 with lens systems, prisms, diffraction phenomena due to single slit, double slit,  
 diffraction grating of the concave and reflection types, photometer, refractometer,  
 michelson interferometer, polariscope and polarimeter.  
 Elective: 3,4,5  
 Required: Major students in Physics  
 Prerequisite: Physics 5,6,7 and Calculus  
 Laboratory: F 1:00-4:00                      **Mr. Meng**
- Physics 141**                      **Advanced Electricity and Magnetism**                      **Credits 3**  
 Electrostatics, electrokinetics and magnetism.  
 Prerequisite: Physics 5,6,7 and Calculus  
 Lecture: TThS 9:10                      **Mr. Yang**
- Physics 142**                      **Direct Current Electrical Measurement**                      **Credits 3**  
 Prerequisite: Physics 5,6,7 and Calculus  
 Laboratory: TTh 1:00-4:00                      **Mr. Yang**
- Physics 144**                      **Alternating Current Electrical Measurement**                      **Credits 3**  
 One lecture and six laboratory hours.  
 Prerequisite: Physics 5,6,7 and Calculus  
 Laboratory: Time to be arranged  
 (Not given 1932-1933)                      **Mr. Yang**
- Physics 151**                      **Modern Developments in Physics**                      **Credits 4**  
 (152)  
 Conduction of electricity through gases, thermionics, photoelectricity, X-rays and  
 atomic structure. Three lectures and three laboratory hours.  
 Prerequisite: Physics 5, 6, 7, 141 and Calculus  
 Lecture: MWF 10:10  
 Laboratory: W 1:00-4:00                      **Mr. Hsieh**
- Physics 153-154**                      **The Natural Philosophy of Modern Physics**                      **Credits 2-2**  
 To include the Natural Philosophy of Whitehead, Broad, Russell and Eddington;  
 introduced by a summary of the theories of Relativity, Wave Mechanics of the  
 Atom, and Statistical Mechanics.

This course would be suitable for Graduates from other colleges or subjects, besides giving students and graduates in physics a grasp of the significance of their own subject; it is not intended as exactly elementary in nature, but the physics included will be as non-technical as possible. There would be sufficient difficulty found in understanding the philosophical part of the subject however so make the course suitable more to mature students than to undergraduates.

To be elected with the permission of the instructor.

Lectures: TTh 7:50

Mr. Band

Physics 161 Physics Journal Club Credit 1

This organization, consisting of all instructors and graduate and senior students, meets weekly, for the review and discussion of the current literature in this department of study. Regular attendance at the meetings of this club is required of graduate and senior students in the Department.

Prerequisite: at least two years of Physics

Mr. Yang

Lecture: T 4:30-6:30

Physics 162 Physics Journal Club Credit 1

For description of the course and conditions of election see Physics 161.

Mr. Yang

Physics 193 Special Experimental Problems Credits 3

A course of laboratory work devoted either to the repetition of classical experiments or to the attack of some special problem in physics.

Elective: 4,5

Prerequisite: Approval of the Instructor under whom the work is to be done

Staff

Physics 194 Special Experimental Problems Credits 3

For descriptions see Physics 193.

Physics 218 Seminar in Wave Mechanics Credits 3

(217)

For students interested in Theoretical Physics.

Prerequisite: Physics 115, 118, 103, 194 and approval of the instructor.

Mr. Band

### THESIS

To graduate students with the necessary training who desire to undertake original work the Department offers its facilities of equipment and direction. In the case of students without research experience an attempt will be made to teach the fundamentals of method and technique. Instruction entirely informal.

The minimum of one year is required for preparing the thesis in residence at the University. The time devoted to the thesis will in general be equivalent to 8-12 credit hours. Such work can be elected only with the approval of the Chairman of the Department and of the Staff member directing the individual piece of work.

Mathematics 55-56 Advanced Calculus Credits 4-4

M. Ch'en

Mathematics 151-152 Theory of Functions Credits 2-2

Mr. Ch'en

DEPARTMENT OF POLITICAL SCIENCE

Shuhsi Hsü, Ph.D. . . . . *Professor and Chairman*  
 Lü Fu, . . . . . *Professor*  
 K. C. Hsiao, Ph.D. . . . . *Professor*  
 R. M. Duncan, Ph.D. . . . . *Professor*

Political Science 21-22 Chinese Political Institutions Credits 3-3

A systematic study of the organic laws of various dynasties with a special emphasis upon the causes of their variations.

Lecture: M. Lü

Political Science 31-32 Chinese Local Government Credits 2-2

The organization and administration of Chinese local government up to the present time and their comparison with those of other nations.

Lecture: Mr. Lü

Political Science 62 Chinese Political Theory Credits 3

Chinese political theories and their relation to the government of the periods in which they are formulated.

Lecture: Mr. Hsiao

Political Science 75 Contemporary Political Theory Credits 3

This course intends to study the persistent problems in political philosophy such as the nature of the state and the relation of the state and the individual.

Lecture: Mr. Hsiao

Political Science 111-112 International Law Credits 3-3

The historical development and practical application of the rules governing the intercourse of nations at the present day.

Lecture: Mr. Hsü

Political Science 115 International Adjudication Credits 3

Emphasis will be laid upon the interpretation of international law by the Permanent Court of International Justice, and a study will be made of various attempts to establish permanent judicial organs of an international character.

Lecture: Mr. Duncan

Political Science 118 Alien Status Credits 3

A study of territorial sovereignty and its relation to the problems arising from the doctrine of personal jurisdiction. Dual nationality, the protection of citizens in foreign countries and the protection of the persons and property of foreign nations are among the topics given special emphasis.

Lecture: Mr. Duncan

31-157-57-00217

Political Science 121-122      Diplomatic Practice      Credits 2-2

Diplomacy in general; diplomatic agents; international meetings and transactions.

Lecture:

Mr. Duncan

Political Science 131-132      Foreign Relations      Credits 3-3

Problems arising from the special basis on which Sino-foreign relations have been regulated and from political expansion especially of the neighboring Powers at the expense of China.

Lecture:

Mr. Hsü

Political Science 151-152      History of Diplomacy      Credits 3-3

The course deals with the historical background of the foreign policies of the Western Powers and the development of methods of conducting official relations among modern governments.

Lecture:

Mr. Duncan

Political Science 161-162      Frontier Problems      Credits 2-2

A study of the political and diplomatic problems of Mongolia, Tibet and Chinese Central Asia with geographical and historical background.

Lecture:

Mr. Hsü

#### THESIS

The Department requires for the Master's degree a thesis equivalent to at least twelve credit points of work.

31-157-1-57-00217

DEPARTMENT OF PSYCHOLOGY

C. W. Luh, Ph. D. . . . . *Professor and Chairman*  
 T. T. Lew, Ph. D. . . . . *Professor*  
 R. G. Sailer, Ph. D. . . . . *Assistant Professor*

Psychology 105-106      Systematic Psychology      Credits 2-2

Systematic study of the theoretical basis of some representative schools.  
 Prerequisite: 10 credits in Psychology. For students of Philosophy, only Psychology 1-2 (General Psychology)  
 Lecture: M 9:10, F 2:00

Mr. Luh

Psychology 111      Advanced Experimental Psychology,  
    Learning and Memory      Credits 3

Special emphasis on the reading of original literature. Discussion and experiment to center around a few main topics.

Prerequisite: Psychology 5, 6 (First Year Experimental)  
 Lecture: MWF 9:10  
 Laboratory: Time to be arranged

Mr. Luh

Psychology 112      Advanced Experimental Psychology,  
    Congenital Behavior and Related Topics      Credits 3

Prerequisite: Psychology 5, 6 (First Year Experimental)  
 Lecture: MWF 9:10  
 Laboratory: Time to be arranged

Mr. Luh

Psychology 113      Advanced Experimental Psychology,  
    Perception and Judgment      Credits 2

Prerequisite: Psychology 5, 6 (First Year Experimental)  
 Lecture: WF 9:10  
 Laboratory: Time to be arranged  
 (Not given 1932-1933)

Mr. Luh

Psychology 114      Advanced Experimental Psychology,  
    The Sensory Processes      Credits 2

Prerequisite: Psychology 5,6 (First Year Experimental)  
 Lecture: WF 9:10  
 Laboratory: Time to be arranged  
 (Not given 1932-1933)

Mr. Luh

Psychology 120

Techniques of Personality  
Measurement

Credits 3

The study of original investigations, and critical evaluation of the techniques employed. Consideration of the theories underlying them.

Prerequisite: Psychology 1-2 (General), Psychology 117 (Statistical Methods), Psychology 119 (The Measurement of Intelligence and Personality Traits), or equivalent.

Lecture: MWF 11:10

Mr. Sailer

Psychology 171

The Neurological Basis of  
Psychology

Credits 3

Elementary study of the anatomy and physiology of the vertebrate nervous system, emphasizing its bearing on human and animal psychology.

Prerequisite: Psychology 5,6 (First Year Experimental)  
Biology 52 (Vertebrate Anatomy)

Lecture: Time to be arranged

Laboratory: W 1:00-4:00

Mr. Luh

Psychology 191

Journal Club

Credit 1

The staff and students will give reports on current literature.  
Prerequisite: At least 10 credits in Psychology

Psychology Staff

Psychology 201-202 Research in Special Problems

Credits 2-5

For graduate students only. Work done to fulfill thesis requirements will not be credited in this course.

THESIS

Each graduate student is assigned an experimental problem to work out under the supervision of a member of the departmental staff. The amount of work will be equivalent to at least 12 credits, the exact number to be fixed at the time when the topic is assigned.

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relations. The course is concluded by a general survey of population policies and population theories, with special emphasis on population studies during the present century. Special reference to China and Chinese materials is made throughout the course; and students are to give particular attention to the methodology of population research in China.

Elective: 3, 4, 5  
Lecture: MWF 9:10

Mr. Hsü

Sociology 124                      Family                      Credits 3

Methods of inquiry. The psychological and ethnological aspects of the family. Evolution of the Chinese patriarchal family system. Modern social conditions reacting upon the Chinese family. Family disorganization and reorganization. Some problems of the Chinese family. Social reform and the family.

Elective: 3, 4, 5  
Lecture: MWF 1:00

Mr. Wu

Sociology 127                      Leadership                      Credits 3

This course is a systematic analysis of the social personality of the leader and the social process of leadership. It includes such topics as theories of leadership, types of leaders, the epochal, territorial, class, community and family background of leadership, the personal traits of the leader, the followers and subordinates of the leader, the origin and development of leadership, and the technique of leadership.

Elective: 3, 4, 5  
(Not given 1932-1933)

Mr. Young

Sociology 131-132                      Rural Sociology                      Credits 3-3

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

Elective: 3, 4, 5  
Lecture: MWF 7:50

Mr. Young

Sociology 145                      Social Changes in China                      Credits 3

This course is largely devoted to methods, suggestions and problems of research in the field of social changes in China. Students are required to make original studies and participate in discussions on both the static and the dynamic aspects of social changes which are going on in China at the present time. The static aspect includes such topics as secret societies, non-political and less formal social organizations, political parties, non-political social movements and the newspapers. The dynamic aspect includes the trend of actual changes in familial organization, in village community, in social economy and in political relations. The scientific or realistic point of view in sociological study is emphasized. Students taking this course should have had previously a good background in sociology, economics, politics, anthropology, social psychology and history.

Elective: 3, 4, 5  
Prerequisite: Sociology 3-4, Economics 3-4  
Lecture: MWF 10:10

Mr. Hsü

**Sociology 147 Social Progress and Social Reconstruction Credits 3**

This is more or less a sequence course to "Social Changes in China". Students are advised to take the other course first. The first part of the course includes a critical examination of the various theories of social progress, including the definition of the concept of progress, the criterion of progress and the factors of progress. The second part is devoted to a critical study of the various theories of socio-economic-politic reconstruction as manifestations of conscious social self-direction. The concluding part of the course examines the various movements aiming at the reconstruction of society, particularly those since the Industrial Revolution and those in actual development in China.

Elective: 3, 4, 5  
Prerequisite: Sociology 3-4, 101-102  
Lecture: MWF 10: 10  
(Not given 1932-1933)

Mr. Hsü

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

The content of this course varies from year to year. Special permission of the instructor is required.

Elective: 4, 5  
Prerequisite: Sociology 3-4, 111-112, 181-182  
Lecture: TTh 10: 10

Mr. Park

**Sociology 158 Primary Social Groups Credits 3**

This course seeks to examine the natural social groupings into which persons tend to separate themselves and how these groups may be used by leaders of boys and girls clubs, Scouts, Sunday School classes, etc., for the purpose of character education. It is primarily a "Methods course" for leaders of youth groups.

Elective: 3, 4, 5  
Lecture: W 2:00-4:00, Th 7:50

Mr. Sweet

**Sociology 168 Psychiatric Social Work Credits 3**

The aim of this course is to give the student some knowledge of the factors of human behavior and the principal measures of treatment and prevention of mental cases. Special emphasis will be placed upon the vocational aspects of psychiatric social work.

Elective: 3, 4, 5  
Prerequisite: Sociology 5-6, 53-54  
Lecture: T 7:50, Th 2:00-4:00

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

This course is intended to trace the origin and development of social legislation with special emphasis on the application and effect of the laws which include (1) Laws relating to Child Labor and the Employment of Women; (2) Laws dealing with the Hours of Work and Wages; (3) Laws relating to Health and Safety; (4) Laws dealing with Social Insurance, including Old Age Pension and Unemployment; (5) Laws for the Settlement of Industrial Disputes; (6) Trade Union Laws, Laws for the Suppression of Vices, such as Gambling, Opium Traffic, and Prostitution; (7) Laws for the abolition of Poverty, Slavery, Vagabondage, and Mendicancy; (8) Housing and Taxation Laws; (9) Immigration and Migration Laws; (10) Marriage and Divorce Laws; (11) Agrarian Legislation; and (12) Welfare Legislation.

Elective: 3, 4, 5  
Required: Major students in Social Work

Prerequisite: Sociology 3-4, Economics 3-4  
Lecture: T 7:50, Th 2:00-4:00

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

The purpose of the course is to give students an intelligent knowledge of the principal problems involved in administering a social agency, to help them to develop the ability to handle the problems which they will later meet if they enter into social work, and to help them to become able to co-operate intelligently as members of an organization staff. Although many types of social and business organizations are studied, the Y.M.C.A. is used as the principal basis of discussion. The following topics are studied: principles of organization, types of organization, planning the program, handling details, promoting the program, relations to constituency and public, publicity and advertising, personnel problems (recruiting, salary scales, etc.), staff relationships, reports and records, budgets and accounts, research.

Elective: 3, 4, 5  
Required: Major students in Social Work  
Prerequisite: Sociology 53-54  
Lecture: W 2:00-4:00, Th 7:50

Mr. Sweet

**Sociology 172 Public Welfare Administration Credits 3**

A comparative study of the organization and functions of those departments of the government specially designed to deal with the problems of poverty, dependency, and delinquency in the West and in China. Due consideration will be given to the relations between central and local authorities and between private and public agencies in the carrying out of their functions. Field work may be arranged by taking Field Work A or Field Work B or Graduate Field Work. Continuation of Sociology 171.

Lecture: MWF 11:10

Mr. Chang

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

The content of this course varies from year to year. Special permission from the instructor for registration is necessary. Field work can be arranged also by taking Field Work A or Field Work B or Graduate Field Work.

Elective: 4, 5  
Prerequisite: Sociology 53-54  
Lecture: F 2:00-4:00

Mr. Djang

**Sociology 185-186 Journal Club Credits 1-1**

Individual reports on articles in current sociological journals.  
Elective: 4, 5 (3 with special permission)  
Prerequisite: Sociology 3-4 or 101-102 or 111-112  
Lecture: Time to be arranged

Mr. Wu

**Sociology 191 Vital Statistics Credits 3**

This course gives an introduction to vital statistics including methods of collecting, tabulating and analyzing statistical data. Lectures are followed by laboratory exercises. To be offered in the first semester of 1933-1934.

Elective: 3, 4  
Prerequisite: Sociology 122, 181-182  
(Not given 1932-1933)

Mr. Yuan

Sociology 197-198

Field Research

Credits 3-3

Individual research project in the field planned and carried by the student but approved and supervised by the instructor. From 6-8 hours field work are required each week in addition to the one hour individual conference with the instructor.

Elective: 4, 5

Prerequisite: Sociology 3-4, 181-182

Lecture: M 2:00 4:00, T 11:10

Mr. Young

Sociology 275-276

Graduate Field Work

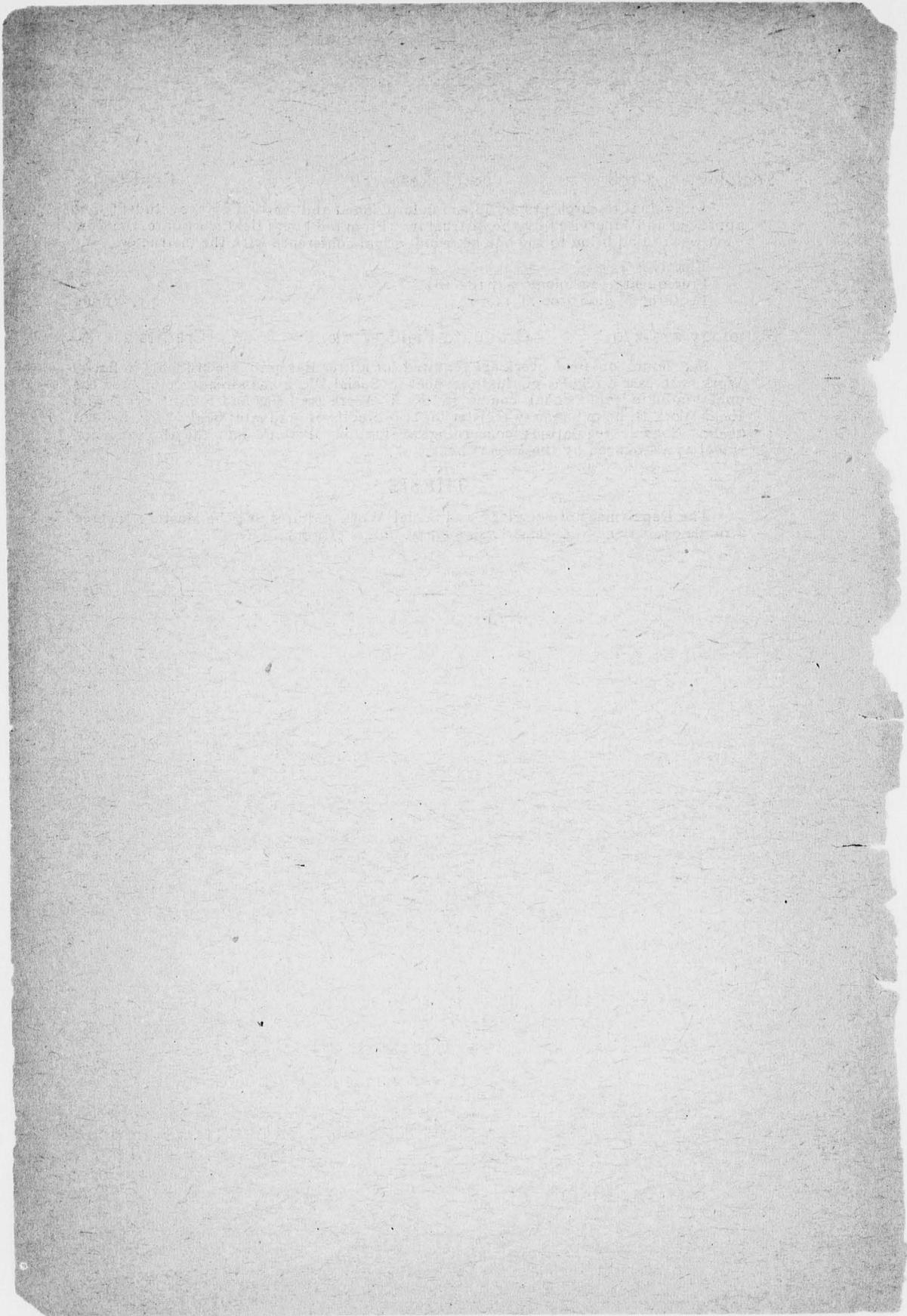
Credits 2 to 6

Six hours of field work are required for all regular graduate students in Social Work. In case a regular graduate student in Social Work has already completed the undergraduate professional course in Social Work and has had Field Work A and Field Work B, he or she may register for two credits of graduate field work instead of six. Consult regulations concerning evaluation of work and the allowance for travel as announced by the Department.

THESIS

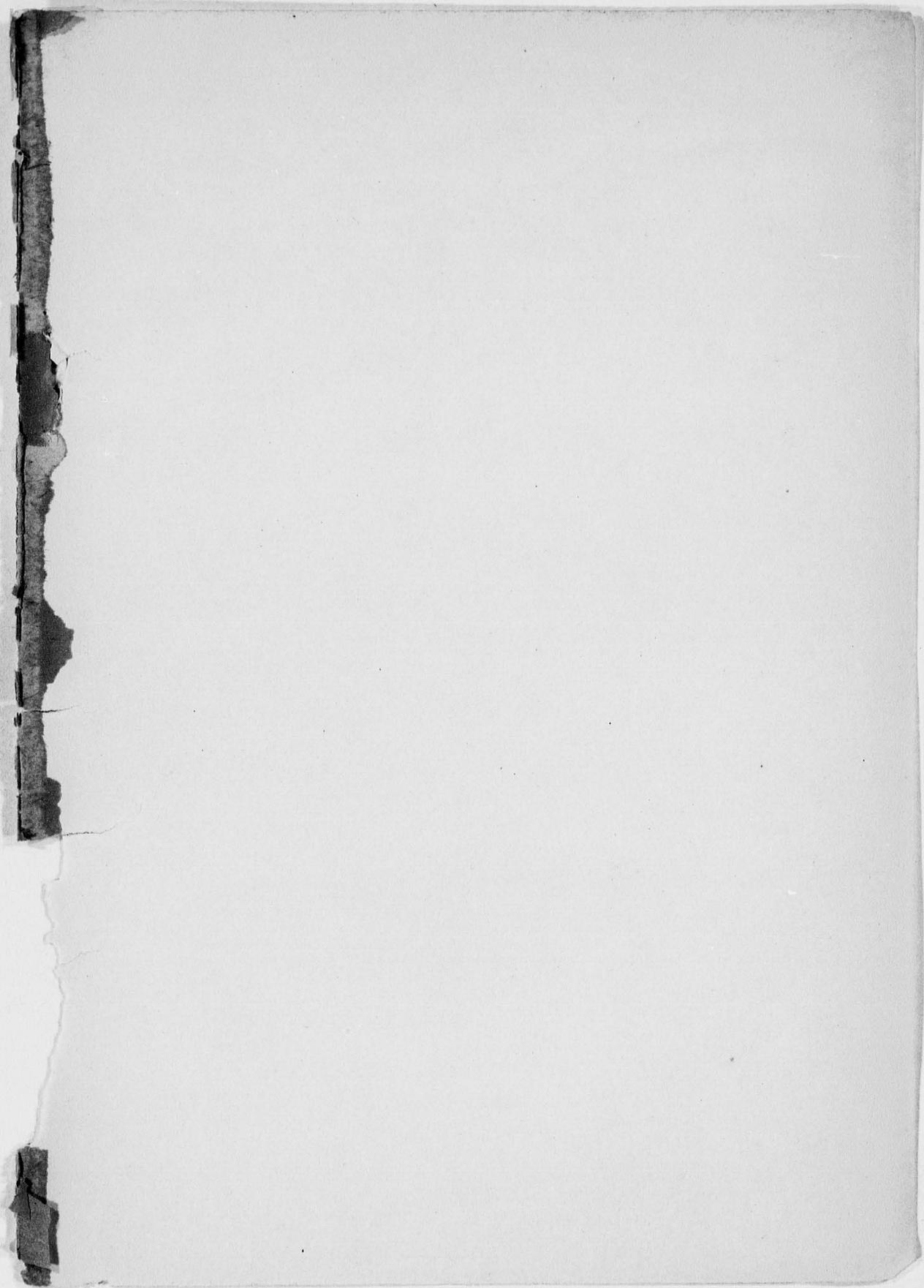
The Department of Sociology and Social Work requires for the Master's degree a thesis equivalent to at least twelve credit points of work.

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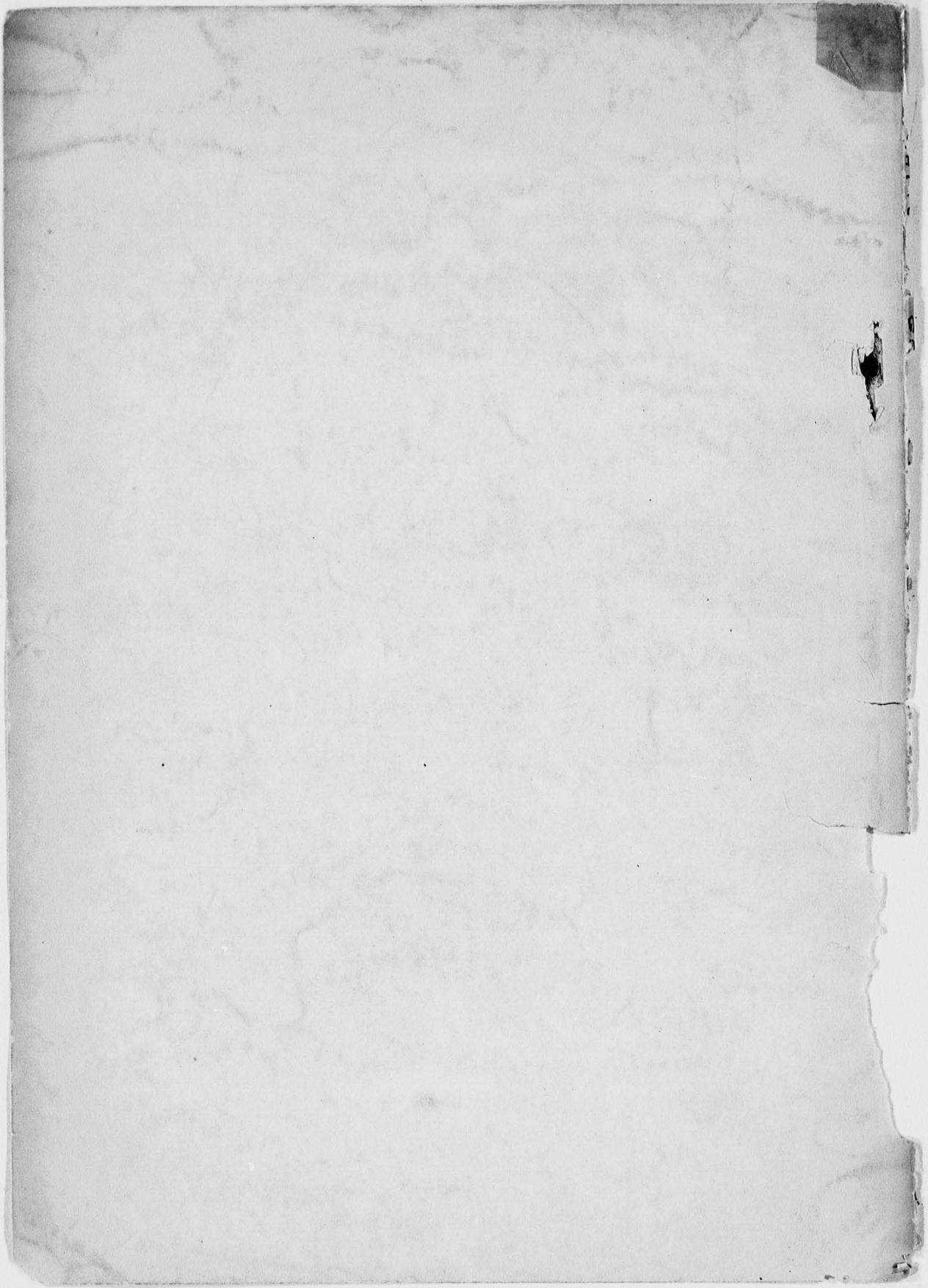
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# TRANSFER

YENCHING UNIVERSITY

GRADUATE DIVISION

ANNUAL REPORT

June 19, 1932

## I. COMMITTEE ADMINISTRATION.

The administration of the Graduate Division is conducted by a committee, composed as follows: The Deans of the three Colleges, Director of Studies, Dean of the College for Women, ex officio, and three representatives of the three Colleges, elected by their respective faculties. The Committee, composed of these eight persons, holds stated monthly meetings. The Chairman of the Committee acts as executive officer and conducts routine business during intervals between meetings.

This organization of the Committee, adopted about a year ago, seems to be working satisfactorily, and no serious administrative difficulties have appeared during the year.

## II. ENROLMENT IN THE GRADUATE DIVISION

The total enrollment during the year has been 111, thus slightly exceeding the quota of 100 assigned to the Division. Of these 111, 63 were former students at the beginning of the year, and 68 were new in the Division. Of the total number, there were 96 men and 15 women. The enrollment by departments was as follows:

Biology . . . . .	11
Chemistry . . . . .	11
Chinese . . . . .	9
Economics . . . . .	15
Education . . . . .	6
History . . . . .	15
Philosophy . . . . .	4
Physics . . . . .	7
Political Science . . . . .	16
Psychology . . . . .	1
Sociology . . . . .	16

The enrollment arranged according to the institutions where the students finished their undergraduate work is as follows:

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Amoy University .....	5
Central University, Nanking .....	1
Cheeloo University, Tsinan .....	4
Chinan University, Shanghai .....	5
Chi Chih University, Shanghai .....	6
Fuh-tan University, Shanghai .....	2
Fukien Christian University .....	3
Hangchow College .....	1
Ginling College .....	1
Hwanan College .....	2
Kuanghua University .....	3
Lingnan University .....	4
Minkuo University .....	2
Nanking University .....	4
National Normal, Wuchang .....	1
St. John's University .....	6
University of Shanghai .....	2
Soochow University .....	7
Sun Yat Sen University .....	1
West China Union University .....	2
Tunglu University, Yunnan .....	1
Yenching University .....	40
Other universities outside of China.....	3

### III. REGULATIONS AND STANDARDS.

The administrative policies of the Committee have followed closely those of preceding years, but some new regulations have been adopted, due in part to the increased numbers in the Division and in part to the desire to maintain the standards of scholarship upon a high level.

Heretofore, an oral examination on the thesis and related field of study has been required of every candidate for a degree, but written examinations on the studies of the department have been optional with the departments. The Committee has voted that, beginning with the next academic year, written examinations on the general field of specialization are to be required of all candidates.

A new regulation regarding the thesis has been adopted requiring that hereafter two copies of the thesis must be filed with the Committee, one to be placed in the Library and the other to be kept by the department concerned. More strict requirements regarding the standards of paper, handwriting or typing, and form of binding have also been adopted.

During the spring the Chairman of the Committee prepared a series of suggestions regarding university research, which were approved by the Committee, printed and circulated amongst the departments, to be distributed to students, both undergraduates and graduates, as they approach their research tasks. These suggestions are intended both to stimulate and guide students in research work, and it is hoped that indirectly they will improve the standards of the theses which are submitted.

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Admissions regulations have been slightly modified so as to make them more flexible in the case of students whose studies and experience cannot be expressed entirely in Yenching academic terms.

Here may be mentioned a careful piece of research work carried on during the year by Mr. Lin Chia T'ung. Mr. Lin received careful training in statistics in the Department of Psychology, and during the year has been making statistical studies in the Office of the Director of Studies. Amongst other investigations, he examined carefully the records of graduate students in two of the three Colleges. The purpose was to determine the relation, if any between the undergraduate record and subsequent success in graduate study. The present writer has not found time to examine carefully Mr. Lin's rather technical studies, the last of which was recently received. But it may be worth recording here that Mr. Lin finds thus far little or no relationship between undergraduate records and the results of graduate study at Yenching. This rather puzzling conclusion will be taken up by the Committee for further consideration, and should be either confirmed or modified by subsequent investigations.

Not only has the enrollment in the Graduate Division reached and exceeded the quota allotted to the Division, but a few of the departments are also finding that departmental enrollments have reached the limit of students who can be satisfactorily guided in their graduate study.

#### IV. COOPERATION OF THE HARVARD-YENCHING INSTITUTE.

According to decisions reached about a year ago, students and staff supported by the Harvard-Yenching Institute are connected with the various departments of the Graduate Division on the same basis as other members. According to this arrangement, seven members of the staffs in the Departments of Chinese, History and Philosophy are supported, wholly or in part, by the Harvard-Yenching Institute, and the number of students receiving fellowships from the same source is six.

Although in form and organization the Harvard-Yenching Institute thus does not appear as a separate entity in the University, the assistance given to research in the field of Sinological studies is very substantial. Some theses, and other evidences of careful research, of a very high order are appearing. The Committee for the Graduate Division and the University authorities deeply appreciate the strengthening of the Graduate Division from this source.

#### V. CANDIDATES FOR DEGREES.

At the end of the first semester three candidates for the Master's degree successfully passed their examinations, and have been recommended by the Committee. During May a careful canvass of

the various departments was made, seeking information as to the number who would be candidates for the degree at the approaching Commencement, and the result was a list of 38 additional names, making a total of 41 candidates for the Master's degree at this Commencement period. The distribution of these candidates amongst the departments is as follows:

Chinese . . . . .	6
History . . . . .	2
Philosophy . . . . .	0
Education . . . . .	1
Biology . . . . .	5
Chemistry . . . . .	9
Physics . . . . .	3
Psychology . . . . .	0
Economics . . . . .	1
Political Science . . . . .	6
Sociology . . . . .	8

At the time of writing, a number of oral examinations connected with theses have not been held. Those which have been held have resulted in two or three failures, serious enough to postpone, at least, the recommendation for the degree. At this time it would appear that the total number of Master's degrees to be conferred at this Commencement will be about 35. This number is much larger than that of any preceding Commencement. It is, however, about the number which should be expected from the enrollment of approximately 100. In very few cases are students able to complete both studies and thesis and receive the degree in one year. In most cases three semesters or two years are required. If allowance for failure and withdrawal is taken into consideration, it would seem that the average number to be expected as long as the total quota in the Division is limited to 100 would be from 35 to 40 candidates for the degree.

Respectfully submitted,

Howard S. Galt,

Chairman.

Members of the Committee:

Miss Margaret B. Speer (representing) Dean of the Woman's College;  
Miss Alice M. Boring, elected representative, College of Nat. Sc.;  
Henry H. C. Chou, Dean of the College of Arts and Letters;  
Stanley D. Wilson, Dean of the College of Natural Sciences;  
Shuhsi Hsu, Dean of the College of Public Affairs;  
(Gideon Ch'en, Acting Dean, Spring semester)  
W. T. Wu, Elected representative, College of Public Affairs;  
Y. P. Mei, Director of Studies;  
Howard S. Galt, elected representative, College of Arts and Letters.